# iM3®

## THE GLOBAL NAME IN VETERINARY DENTISTRY

## PRODUCTS · SOLUTIONS · EDUCATION

## SPRING 2026

# iM3® ONLINE

## Visit our EU & UK websites at
## www.im3vet.eu | www.im3vet.co.uk

## Online Ordering

The new iM3 website includes a complete and comprehensive web portal where you can browse our full veterinary dental product range. Here you'll find our up-to-date, competitive pricing for everything from consumables and instruments to larger equipment such as our veterinary dental units and X-Ray solutions.

- **Latest Products** – You'll also find our newest products and innovations as we continue to strive to be your one-stop shop for all things veterinary dental.
- **Offers** – Through our portal, you can access all current promotions and special offers.
- **Reviews** – You can create and read the reviews left by other users of iM3 equipment right there on the product page.
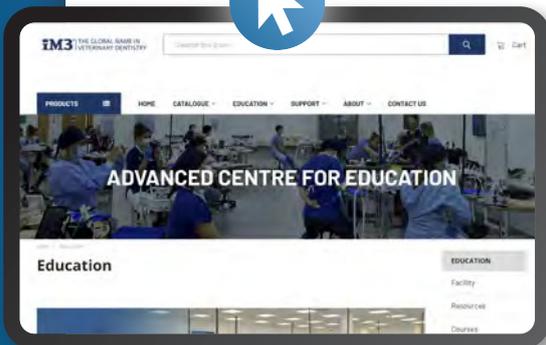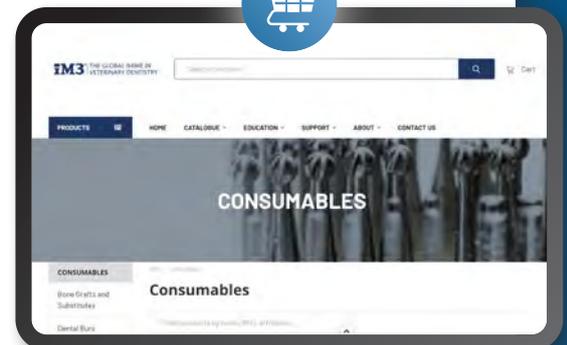
## Education

The education section of the iM3 website offers a collection of webinars and tutorial videos by some of the top veterinary dentists in the industry. These educational videos are valuable resources to help expand your and your team's knowledge of veterinary dentistry.

- **Live Webinars** – Get the latest news about upcoming courses and register via the iM3 website to take part in live webinars.
- **Video Lectures** – Find lectures from top veterinary dentists on a variety of subjects including radiographic interpretation.
- **How-To Tutorials** – Learn how to use iM3 equipment from a series of tutorials from our nurses and product specialists.

## iM3 Account Holders

Creating an account on the iM3 website is fast and easy. Simply look for the *'Register'* button in the top right corner of your screen, and complete the short form. If you are an iM3 account holder already we will automatically provide you with 30-day payment terms (please allow up to 24 hours for this to be applied).

- **Accounts Payable** – Have a 30-day account already? Simply register and we'll update your website account within 24 hours, allowing you to then place orders and have your invoice issued at the point of dispatch. Don't yet have a 30 day account? Contact us at **sales@im3dental.com** and we'll get you set up.
- **Corporate Customers** – Don't forget to mention the name of the corporate or buying group when you register. We'll update your account with the agreed pricing, and give you the option to use accounts payable.
- **Direct or Distributor** – Whether you prefer to order direct from iM3 or with our many distributors, you can still shop with us online. At checkout, simply select who you would like to process your order.
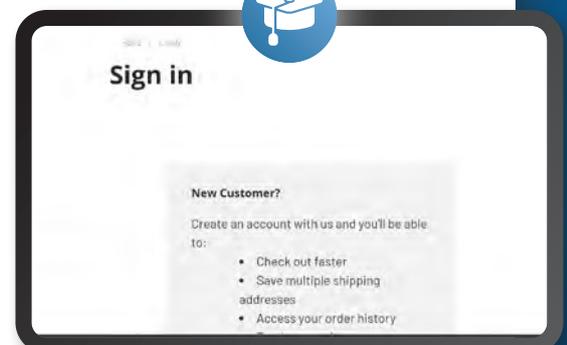
## Join us on Social Media!

# DIGITAL EDITION

Welcome to the Digital Edition of the iM3 Catalogue for Europe and the UK. The environmentally friendly Digital Edition combines the natural browsing experience of leafing through a catalogue with all the modern convenience of the digital age. View the different categories from *Preventative Treatment* to *Advanced Dentistry*, or jump directly to the products you are interested in by using the search and overview options in the top bar.

Bookmark your favourite products and copy links to share with colleagues. As you browse, you'll find useful links and product videos that you can watch right there on the page. The Digital Edition works seamlessly on desktop, mobile and tablet, and because it's digital we're able to constantly update it with all the newest and most innovative iM3 products.

## TABLE OF CONTENTS

## iM3 INNOVATION

Here at iM3 we pride ourselves on continuing to build, create and innovate our products to suit veterinary clinics across the globe. With knowledge from over 30 years' experience in the industry, many of the iM3 products are designed by leading industry experts to ensure they are practical, ergonomic, durable and cutting-edge, while providing the very best results for both you and your patients.

The iM3 Innovation logo in our catalogue highlights which products are designed by iM3 specifically for veterinarians, and are therefore exclusively sold through us. iM3 will always continue to innovate and advance the veterinary dentistry industry through quality products, equipment and service.

## REDUCE, REUSE & RECYCLE

iM3 is shifting from plastics to eco-friendly paper and cardboard packaging, utilizing recycled materials and a more sustainable production process. This reduces natural resource consumption and the company's carbon footprint.

# iM360

## iM360 supporting you to provide exceptional care!

- **Spread payments on equipment:** Dental Units and X-ray Scanners
- **Consumable packages** shipped quarterly to the veterinarian
- **Low upfront charge** and delayed payment terms

Purchase either an **iM3 Dental Unit** or an **iM3 X-Ray Scanner** with low upfront cost and easy monthly payments over 36 months.

Prices include quarterly deliveries of consumables!

*Limited availability; contact us today!*

## WHY iM360?

### QUALITY
*I get the best in class in dental and imaging equipment*

### AFFORDABILITY
*Low upfront payment, lowering threshold to invest in equipment, followed by a low monthly fee*

### CONVENIENCE
*I get all the consumables and service I need delivered to my door*

Contact us at **sales@im3dental.com** to discuss the best choice for you!

# CHOOSE YOUR DENTAL UNIT...

**EVOLVE DENTAL UNIT**          OR          **ADVANCED DENTAL UNIT**

- Mobile Cart
- In-built compressor
- LED High Speed Handpiece
- Low Speed with Polisher
- 3-way Syringe
- P6 fitting LED Scaler
- Model number: E1HCSM0

*Ideal introduction to veterinary dentistry*

- Mobile Cart
- In-built compressor
- Electric Micromotor
    - 1:1 & 1:5 Contra Angles
    - 1:1 Straight Nose Cone
- LED High Speed Handpiece
- 3-way Syringe
- P6 fitting LED Scaler
- Suction
- Model number: AMMCSM2

*Ideal for busy practices*

# ...AND YOUR DENTAL UNIT CONSUMABLE PACK

Choose between the following two tiers, based on your usage. Your package will be shipped quarterly to your practice.

## CONSUMABLE BOX A-D *(HIGHER TIER)*

| | | |
|---|---|---|
| BURS01 | Veterinary Dental Bur Essentials | (x2) |
| C3150-6 | CLS Solution - 250ml (6-pack) | (x1) |
| SILC01 | iM3 ET Tube Ties | (x10) |
| M1001 | iM3 Dental Mat | (x1) |
| U6S01 | P6 Piezo Tip - Universal (Coarse) | (x1) |
| L7466 | Oscillating Disposable Prophy Angle - 100 Pieces | (x1) |
| L7510 | iClean Prophy Paste - Medium 100 x 2g - Peppermint | (x1) |

## CONSUMABLE BOX B-D *(LOWER TIER)*

| | | |
|---|---|---|
| BURS01 | Veterinary Dental Bur Essentials | (x1) |
| C3150 | CLS Solution - 250ml (single) | (x3) |
| SILC01 | iM3 ET Tube Ties | (x5) |
| M1001 | iM3 Dental Mat | (x1) |
| U6S01 | P6 Piezo Tip - Universal (Coarse) | (x1) |
| L7466 | Oscillating Disposable Prophy Angle - 100 Pieces | (x0.5 - 50 pieces in total) |
| L7510 | iClean Prophy Paste - Medium 100 x 2g - Peppermint | (x0.5 - 50 pieces in total) |

# CHOOSE YOUR X-RAY SCANNER...

**CR 7 2.0 VET INCL. SOFTWARE & COMPREHENSIVE KIT**          OR          **CR 8 VET INCL. SOFTWARE & COMPREHENSIVE KIT**

- Size 2, 4 and 5 plates & sheaths
- Positioning kit
- X-Ray safety mat
- Vet-Exam software
- Protective dust cover

*Product Code:* X7502

- Size 2, 4 and 5 plates & sheaths
- Positioning kit
- X-Ray safety mat
- Vet-Exam software
- Protective dust cover

*Product Code:* X8800

# ...AND YOUR X-RAY SCANNER CONSUMABLE PACK

Choose between the following two tiers, based on your usage. Your package will be shipped quarterly to your practice.

## CONSUMABLE BOX A-X *(HIGHER TIER)*

| | | |
|---|---|---|
| X7191 | Image Plate Cleaning Wipes (pack of 10) | (x2) |
| SIPXS2 | Image Plate Sheaths - Size 2 (300pk) | (x2) |
| SIPXS4 | Image Plate Sheaths - Size 4 (100pk) | (x2) |
| SIPXS5 | Image Plate Sheaths - Size 5 (100pk) | (x2) |

## CONSUMABLE BOX B-X *(LOWER TIER)*

| | | |
|---|---|---|
| X7191 | Image Plate Cleaning Wipes (pack of 10) | (x1) |
| SIPXS2 | Image Plate Sheaths - Size 2 (300pk) | (x1) |
| SIPXS4 | Image Plate Sheaths - Size 4 (100pk) | (x1) |
| SIPXS5 | Image Plate Sheaths - Size 5 (100pk) | (x1) |

- Limited availability per year - first come first served.
- No other fees, no increase in price, no finance.
- iM360 is only available on these 4 units.
- Not compatible with any other discounts or offers.
- No free add-ons or other special offers will apply.
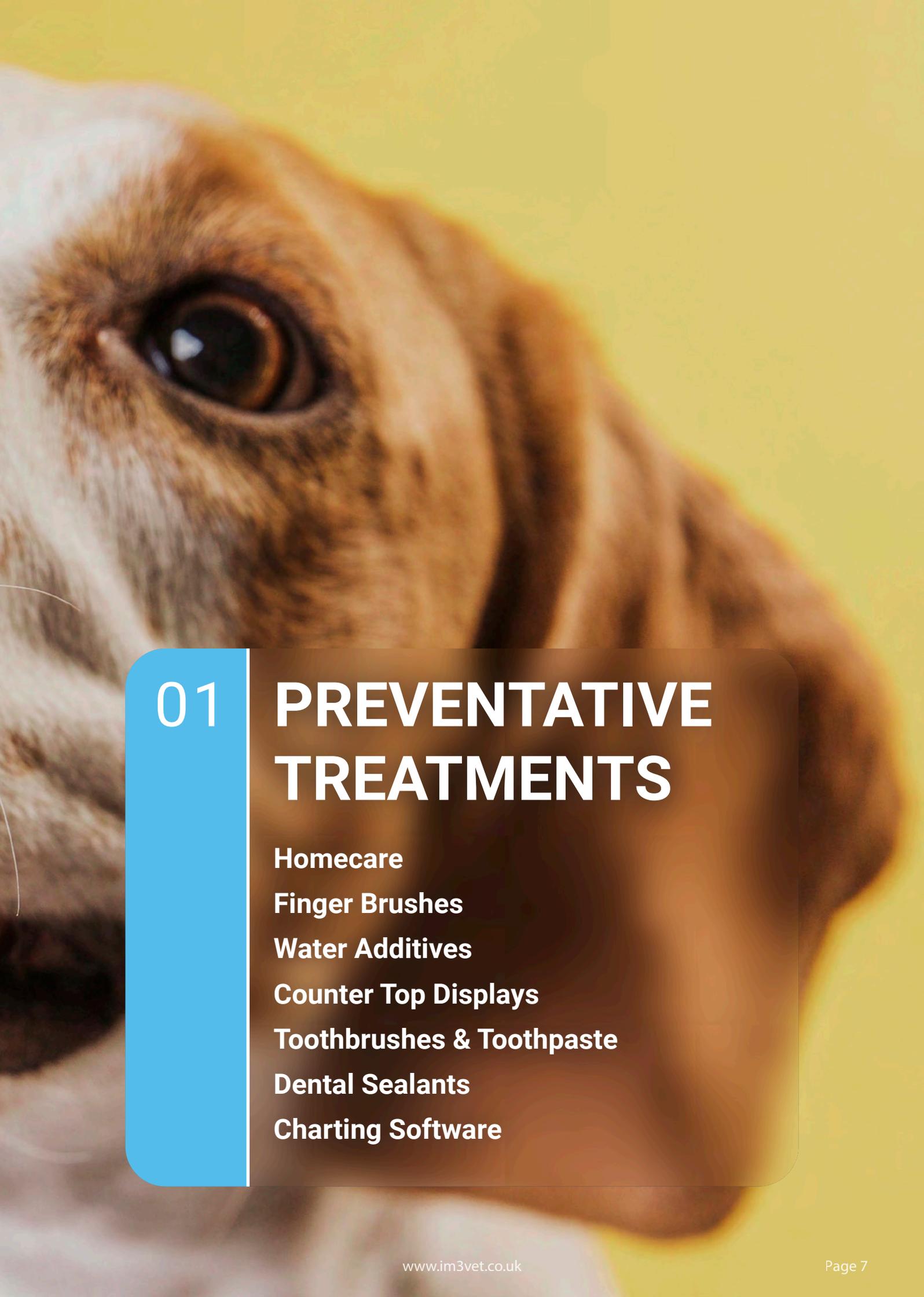
# 01 PREVENTATIVE TREATMENTS

**Homecare**

**Finger Brushes**

**Water Additives**

**Counter Top Displays**

**Toothbrushes & Toothpaste**

**Dental Sealants**

**Charting Software**

# Oxyfresh®

## DENTAL HOME CARE THAT PETS AND OWNERS LOVE

" Every patient who undergoes dental and oral surgery here at High Street Veterinary Surgery goes home with the Oxyfresh Dental Cleaning Kit in their take-home bag. Owners love that the Oxyfresh Gel can be used with or without brushing, making it easy to gradually introduce a daily brushing regimen to their pet and keep their teeth and gums healthy.

**Dr Jocelyn Birch Baker**
*High Street Veterinary Surgery*

### DENTAL CLEANING KIT
#### 28G GEL & FINGER BRUSH KIT

Oxyfresh Gel can be used as a toothpaste or applied directly to the gums without brushing to soothe mouth irritation, fight bacteria and eliminate bad breath. Finger brush included.

**Cat. Code
OFK01**

### DENTAL WATER ADDITIVE
#### 250ML / 500ML BOTTLES

A must-have when it comes to dental home care. Oxyfresh Water Additive reduces plaque buildup, promotes healthy gums and neutralises bad breath. Simply add one capful *(5 mL)* to water daily.

**Cat. Code
OF250 / OF500**

- **Bad Breath** – The patented blend of Oxygene® and zinc is a safe, non-toxic formula that helps clean teeth and eliminate bad breath.
- **Effective** – Oxyfresh tackles bad breath, plaque and tartar, helping to maintain healthy teeth and gums.
- **Affordable –** 5 mL *(capful)* per 1 L of drinking water – costs the owner less than one coffee per week.
- **Tasteless and Odourless** – Even the fussiest dogs and cats can't detect Oxyfresh® in their water.
- **Non-toxic** – Xylitol-, chlorhexidine-, alcohol- and dye-free formula.
- **Cruelty-free** - Developed through human testing for animal application.

## OXYFRESH IS THE EASIEST WAY TO SUPPORT PET DENTAL HEALTH AND STRENGTHEN GUM TISSUE

**PREVENTATIVE TREATMENTS**

# HOW Oxygene® WORKS



Oxygene® molecules

Organic compounds cause bad breath

Oxygene® neutralises bad breath-causing compounds

Organic compound broken by Oxygene®, eliminating bad breath

The ultimate eliminator of bad breath is a brilliant, non-toxic ingredient found in Oxyfresh's revolutionary dental products – and nowhere else!

Oxygene® (stabilised chlorine dioxide) is Oxyfresh's registered name for the active, exclusive ingredient that safely and effectively neutralises bad breath molecules at the source.

The mechanism of action of Oxygene® is through an oxidation-reduction reaction. It acts by oxidising volatile sulphur compounds, the molecules responsible for bad breath.

Oxygene® is activated as the environmental pH decreases. When Oxygene® is introduced into the oral cavity, the acidity of the saliva activates the solution. The lower the pH of the saliva, the more activated the solution becomes. The greater the presence of bacteria, the more acidic the environment. Additionally, the longer the solution is in contact with the oral tissues, the greater the activation and effectiveness.

## ZINC ACETATE

A unique and patented formula of Oxygene® and zinc acetate has been included in several Oxyfresh dental hygiene products, providing an even more powerful deodorising effect. Zinc is proven pharmacologically safe and effective in oral health products. The combination of Oxygene® and zinc helps to remove a broader range of odour-causing molecules that cause bad breath, making it extremely effective in fighting even the worst halitosis.

## INGREDIENTS MATTER

VETERINARIAN RECOMMENDED | WITH OXYGENE® | WITH ESSENTIAL OIL | pH BALANCED | NON TOXIC | GLUTEN FREE | ALCOHOL FREE | CRUELTY FREE | DYE FREE

## DENTAL GEL

Ingredients: Water (Aqua), Chondrus Crispus (Carrageenan), Stabilised Chlorine Dioxide (Oxygene®), Aloe Barbadensis Leaf Juice, Chamomilla Recutita (Matricaria) Extract, Methylparaben, Propylparaben.

## DENTAL WATER ADDITIVE

Ingredients: Water (Aqua), Oxygene® (Stabilised Chlorine Dioxide), Zinc Acetate, Sodium Citrate, Chlorophyllin-Copper Complex, Sodium Benzoate, Sodium Hydroxide, Citric Acid, Potassium Sorbate.

## CLIENT HANDOUTS INCLUDED IN YOUR ORDER

PREVENTATIVE TREATMENTS

Cat. Code

## Oxyfresh Water Additive

Finally, pet dental homecare made easy! Don't just mask bad breath, safely eliminate it at the source. Oxyfresh non-toxic water additive and dental gel solutions are a must-have when it comes to fresh breath and the overall dental health of dogs and cats.

**Oxyfresh Water Additive – 250 mL Bottle** *(50 servings)*  —  OF250

**Oxyfresh Water Additive – 500 mL Bottle** *(100 servings)*  —  OF500

> *Great feedback from our clients who are using Oxyfresh Dental Care Water Additive. A popular product that is easy to use, and extremely effective in reducing halitosis. Due to the fact that Oxyfresh is tasteless and odourless, it is suitable for our more fussy patients, and handy that it can be used for both dogs and cats. Very happy to recommend as part of our preventative dental care programme.*
>
> **Dr Dave Goodwin**

## Oxyfresh Gel & Finger Brush Kit *(28 g)*  —  OFK01

This homecare kit is crucial in supporting overall dental hygiene. It features the innovative Oxyfresh Pet Dental Gel and easy-to-use finger brush to gently clean away plaque and tartar while also giving pets the freshest breath.

## Oxyfresh Pet Dental Gel Toothpaste *(113 g)*  —  OFGEL

Unlike other products, Oxyfresh Pet Dental Gel is tasteless and odourless, and pets love it. Oxyfresh Gel is a fantastic toothpaste that pairs nicely with our new iM3 Bamboo Toothbrushes.

## iM3 Bamboo Toothbrush  —  BTB148

100% biodegradable, organic bamboo toothbrush specifically designed for use in pets. The handle and bristles have been designed to reach all tooth surfaces whilst giving the user an ergonomic and safe grip without being large and bulky in the mouth.

The packaging is also made from 100% recyclable material, cutting down on single-use plastic waste.

**PREVENTATIVE TREATMENTS**

# A compact display pack that helps promote Oxyfresh to your clients!

## Oxyfresh Value Display Pack

**OFD**

Bulk purchase option available – perfect for reception countertops and shop shelves.

**Includes:**

- Counter-top Display *(footprint: 22 x 25 cm)*
- 22x Oxyfresh Client Brochures
- 12x Oxyfresh Water Additive – 250 mL bottles
- 10x Oxyfresh Gel & Finger Brush Kits – 28 g

## Oxyfresh Complete Display Pack

**OFD2**

A compact display pack that helps promote Oxyfresh to your clients.

Oxyfresh is the easiest way to support pet dental health and promote a healthy mouth.

**Includes:**

- Counter-top Display *(footprint 22 x 25 cm)*
- 16x Oxyfresh Client Brochures
- 4x Oxyfresh Water Additive – 250 mL bottle
- 3x Oxyfresh Water Additive – 500 mL bottle
- 5x Oxyfresh Gel & Finger Brush Kits – 28 g
- 4x Oxyfresh Dental Gel – 113 g
- 21x iM3 Bamboo Toothbrushes

**PREVENTATIVE TREATMENTS**

## 100% MONEY BACK iM3 GUARANTEE

**Oxyfresh pet products are unmatched in excellence and effectiveness and are backed by a 30-day, 100% money-back guarantee *(minus the cost of shipping)*.**

# CHECK OUT OUR OXYFRESH VIDEO GUIDES

Contact us for help and advice on sharing these videos with your clients.

## AN INTRODUCTION TO OXYFRESH



## A GUIDE TO TOOTHBRUSHING



PREVENTATIVE TREATMENTS

> " *[Client] came in to purchase a second bottle of Oxyfresh. [Client] said she was absolutely thrilled with Oxyfresh and noticed improvement with both dogs' breath within three days. Had previously used another brand water additive and found Oxyfresh 100% more effective will continue to purchase from now on thanked us for recommending it.*
>
> **Dr Shane Sullivan**

> " *I highly recommend using Oxyfresh. It is a great product, easy to use and it works! No odour or taste (for those fussy pets), No chemicals or harmful sweeteners. Since iM3 recommended this product, our clinic has sold numerous amounts of water additive and the gel and finger brush kit, in which we have received great feedback from our clients.*
>
> *I personally have used these products at home and I can definitely tell the difference, my amstaff had bad breath and grade 2 dental. I have noticed his breath does not smell anymore and the plaque has reduced.*
>
> **Dr Chloe Johnson**

## HUMAN STUDY

**A prospective experimental comparative study on the clinical and antimicrobial effects of chlorine dioxide-based toothpaste and mouth rinse in periodontitis patients.**

*A One Year Follow-up Study.*

The significant clinical and microbiological improvement in Group A subjects (chlorine dioxide-based toothpaste and mouth rinse) supports the hypothesis that Sodium Chlorite (stabilised chlorine dioxide) may acts as a strong ingredient to restrict the proliferation of subgingival anaerobic microbiota via oxygenation and neutralization of toxins (Bacterial proteolytic enzymes) produced by the bacteria in the oral cavity.

The stabilised chlorine dioxide-based products used in this study (Oxyfresh® Power Paste, and Oxyfresh® Power Rinse) also destroy the volatile sulfide compounds, which further reduce the triggering of gingival inflammation. The key benefits for these products also include non-staining, alcohol free, non-irritating and no taste alterations.

This study also revealed that the bactericidal activity of stabilised chlorine dioxide oral rinse (Oxyfresh®) has marked bactericidal effects against pathogens of periodontitis, i.e. Aa, Fn, Pg and Pi. These results are consistent with previous studies evaluating a stabilised chlorine dioxide oral rinse against polymicrobial suspensions and biofilm environments.

**PREVENTATIVE TREATMENTS**

AllAccem

# SANOS®

## Companion Animal Veterinary Dental Sealant



Dog before professional dental cleaning & SANOS®



Dog 6 months after professional dental cleaning & SANOS®

**NOTE**: Be sure to apply a thick film to any observed trouble spots such as the carnassial upper 4th premolar 208 and upper 3rd premolar 207.

Compare gingival margin at the upper 3rd premolar 207 in photos: Before Professional Dental Cleaning & SANOS® and 6 Months After Professional Dental Cleaning & SANOS®.

SANOS® is applied after every professional dental cleaning to protect the gum line and hard-to-reach areas, including the subgingival regions of the back *(caudal)* teeth. SANOS® is a gingival dental sealant for dogs and cats that seals the subgingival gum line *(gingival sulcus)* against plaque formation, and is clinically proven to last for up to 6 months without requiring any take-home application.

- Acts like a liquid bandage that seals the subgingival line *(gingival sulcus)* against the formation of plaque.

- Designed to allow water and oxygen to pass through.

- Professionally applied in a veterinary setting; dries clear and rapidly.

- One easy application every six months helps to greatly extend the benefits of a professional dental cleaning.

- Use in conjunction with a six month wellness program to promote better overall health.

- Apply at the time of spay or neuter to help initiate a long-term oral health plan.

VETERINARY ORAL HEALTH COUNCIL

## VOHC
*Accepted*

HELPS CONTROL **TARTAR**

HELPS CONTROL **PLAQUE** ®



Cat. Code

**SANOS Veterinary Dental Sealant – *Single Application Kit***    **S1000**

(4 applicator brushes, 1 dental workstation, 1 1/16 oz product vial and cap)

**SANOS Veterinary Dental Sealant – *Box of 4 Kits***    **S1004**

**SANOS Veterinary Dental Sealant – *Box of 24 Kits***    **S1024**

PREVENTATIVE TREATMENTS

## SANOS Veterinary Dental Sealant – Application Video

Here you can watch a simple instructional video on how to apply SANOS Dental Sealant.

Presented by **Dr. Peter Emily**, *DDS, Hon. AVDC AVD*.



## Preventative Dental Treatment

Prophylactic management of dental disease is often overlooked, yet it plays a crucial role in oral health. Learn which products are effective, improve understanding of dental disease, and discover how to both treat and prevent it.

Learn more in this great educational video from iM3's **John Breen**, *BSc. VN*.



**Crown sealants**

- Work 2mm above the gum line and seal the crown of the tooth
- Involve "acid etching" – controlled erosion of the tooth
- Studies show they can last for 1 year and sometimes longer
- Resolves sensitivities
- Stop plaque formation
- Block infection
- Cosmetic
- No work required of the owner

PREVENTATIVE TREATMENTS

## GingiShield™ Antibacterial Enamel Sealant

### GingiShield™

**GIN001**

Includes:

- 2 x 1.5 mL sealant syringes
- 2 x 1.2 mL etchant syringes *(37% phosphoric acid)*
- Disposable syringe tips
- Disposable applicator brushes
- Instructions for use

Approximately 20 treatments* per pack.

### GingiShield™ Starter Kit

**GIN002**

Includes GingiShield™ (**GIN001**) as above plus:

- iM3 LED curing light
- Disposable dappen dishes
- Instruction graphic card

*\* Based on treating canines and carnassials.*

GingiShield™ is a clear, light-cured enamel sealant featuring SELDOX® antibacterial technology to help protect teeth against the bacteria and plaque responsible for periodontal disease. Based on an FDA-cleared formulation used in human dentistry, GingiShield™ is applied to etched enamel and light-cured for long-lasting protection of at-risk tooth surfaces.

Periodontal disease (gum disease) is caused by bacteria in dental plaque and can lead to bad breath, tooth loss, bone loss, and systemic disease affecting the heart, kidneys, and liver in both dogs and cats.

GingiShield™ can help prevent periodontal disease. GingiShield™ is a clear, long-lasting antibacterial tooth sealant that kills bacteria and inhibits plaque formation on teeth, reducing the risk of gum disease.
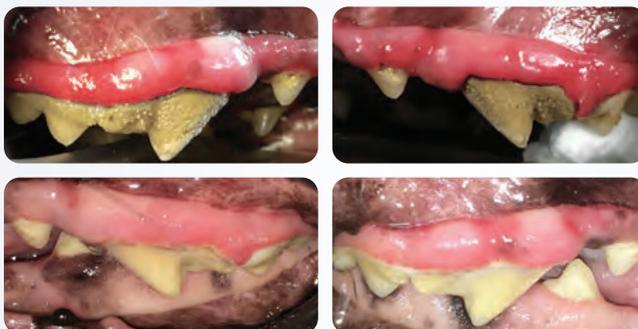
Based on the FDA-cleared DenteShield™ sealant for human use, GingiShield™ Antibacterial Enamel Sealant is the only dental sealant with SELDOX® antibacterial activity that is available for veterinary patients.

GingiShield™ is a light-cured resin sealant available in both a starter kit and refill package. The clear sealant is applied by veterinary professionals during the dental cleaning and lasts until the next annual cleaning or longer.



PLAQUE

CLEANING AND GINGISHIELD™ APPLICATION

GINGISHIELD™ CONTINUOUSLY NEUTRALIZES BACTERIA

ACTIVE BACTERIA

**Case study:**
Treatment of a 30 lb, 9-year-old sheltie:

**Before GingiShield™ application:**

- About 12 months of tartar
- No toothbrushing
- Cleaning, **GingiShield™** applied

**After GingiShield™ application:**

- 7 months later
- No toothbrushing *(owner unable to brush pet's teeth)*

## GingiShield™ Application Video

View this video tutorial for step-by-step instructions on applying GingiShield™.



ETCH FOR 15 - 30 SECONDS
Then wipe completely with a clean piece of gauze

## SelenBio Antimicrobial SELDOX™ – Comparison vs Silver

See the difference between silver and SELDOX™, the antibacterial technology in GingiShield™.
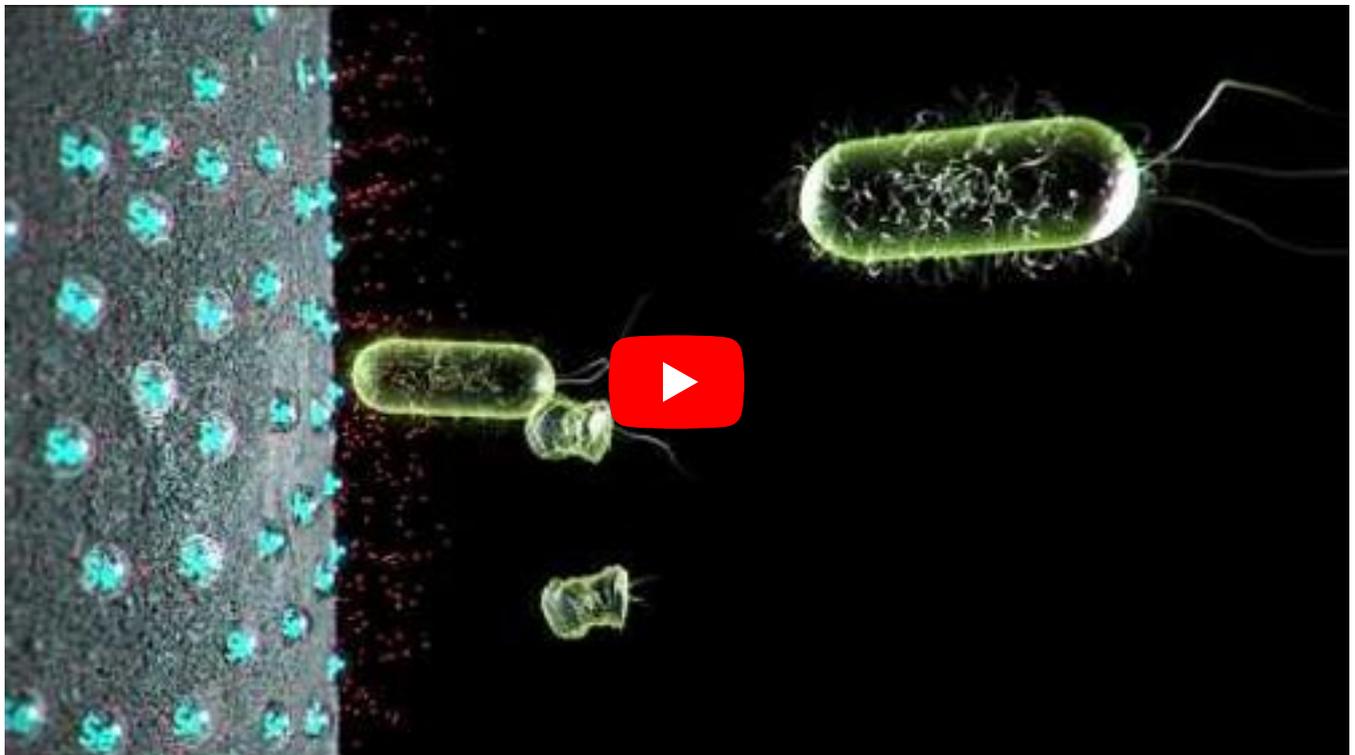


**Have Questions?**

Check out the FAQs on our web page by clicking here.

**iM3 Website**

PREVENTATIVE TREATMENTS

**Introducing**

# e-VDS Plus
## electronic Veterinary Dental Scoring

**iM3®**
THE GLOBAL NAME IN VETERINARY DENTISTRY

The revolutionary dental scoring system that's just a **click away!**

Proudly sponsored by iM3 – The Veterinary Dental Company

**Sign up**
For a FREE 30-day trial now!

**Try e-VDS Plus**

## Veterinary Dental Charting Software

The electronic Veterinary Dental Scoring programme *(e-VDS)* is an online dental charting software for veterinarians, allowing you to chart, score, record, save, and print detailed clinical findings and track patient history in one location.

The interactive charting software allows you to record findings with a simple click on the patient-specific dental chart *(designed by David Crossley)*. You choose between feline and canine patients, deciduous and permanent dentition and the clinical findings are scored as coloured marginal markings, while treatments and missing teeth are denoted as full coloured markings.

While the basic version is mainly aimed at supporting the general practitioner in their daily work, the advanced programme, e-VDS Plus, provides a wide variety of scoring options for more advanced dentistry.

e-VDS is an invaluable tool for communication with clients, and allows you to print or email your findings with your own personal practice logo or save it as a PDF as part of the patient history.

## Why e-VDS Plus?

iM3 supports the development and use of the e-VDS charting software as part of the overall aim to improve the quality of veterinary dentistry and animal welfare. e-VDS was designed with the aim of making workflows more systematic and encourage vets and staff to make a thorough oral health assessment a standard part of treatment. e-VDS is interactive and educational, allowing the general practitioner to quickly gain knowledge and understanding and raise the quality of dentistry through practical applications and iconography.

## Where to find it?

You can find e-VDS Plus on the iM3 website at **www.im3vet.eu/e-vds-scoring-system**. Sign up today for a *free* 30-day trial - no payment required!
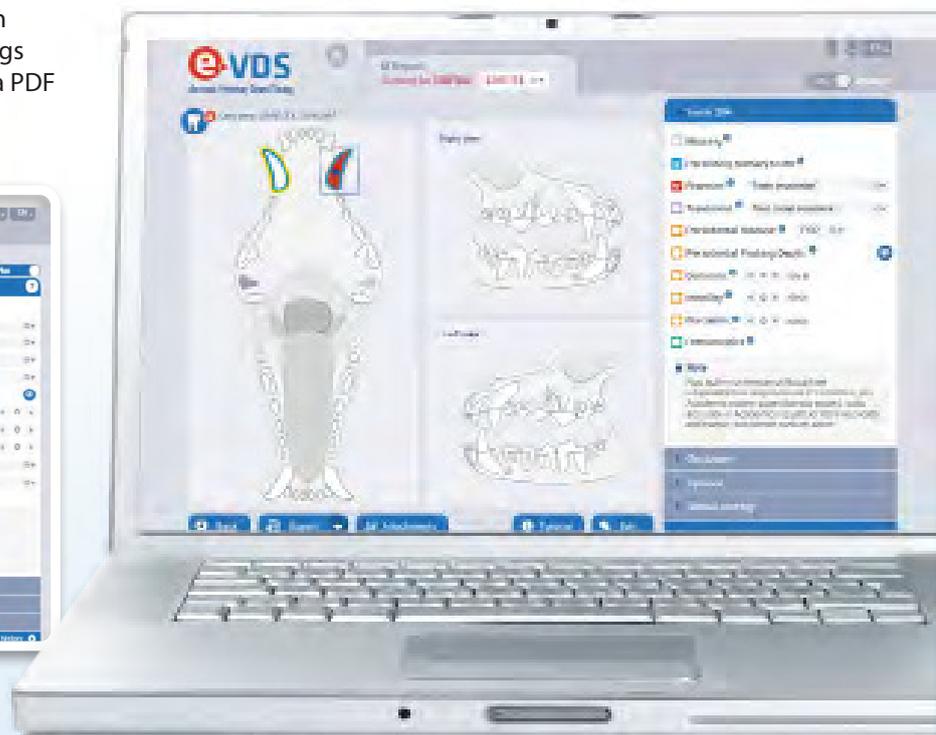
## How does it work?

- Register as a user
- Set up your clinic details
- Select a language for printouts from six available languages and/or use the translation option

## The Value of e-VDS Plus

### For the Vet:

- The clinical findings are recorded on dental charts, providing thorough documentation and history for each patient
- The patient record can be printed, downloaded as a PDF, or emailed with a tailored practice logo and header
- Tutorials are available to assist with interpretation and progression in dentistry

### For the Pet Owner:

- The owner receives full details of the assessment at the end of treatment
- Allows the owner to track the progress of treatment or prophylaxis
- Encourages follow-up and compliance

## Tutorials for General Practitioners

The e-VDS scoring programme is linked to an online tutorial platform to help and support general practitioners in progressing their knowledge in dentistry. The tutorials are based on photographic examples of clinical findings, with concise information on diagnosis, aetiology, differential diagnoses, and treatment options.

## Online and Multilingual

e-VDS can be accessed from anywhere in the world using your web browser and is available in Dutch, English, French, German, Spanish and Portuguese.

## e-VDS Plus Subscriptions

e-VDS Plus is the advanced version of the software and provides a wide variety of scoring options for a more detailed and comprehensive oral assessment, allowing the user the full use of the e-VDS interactive features and benefits.

| | Cat. Code |
|---|---|
| **e-VDS Plus:** *1 Year Subscription* | **EVDS01** |
| **e-VDS Plus:** *2 Year Subscription* | **EVDS02** |
| **e-VDS Plus:** *3 Year Subscription* | **EVDS03** |







## *Export as PDF!*

www.im3vet.eu
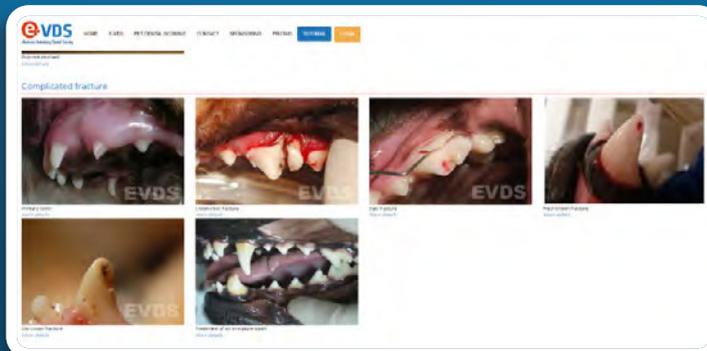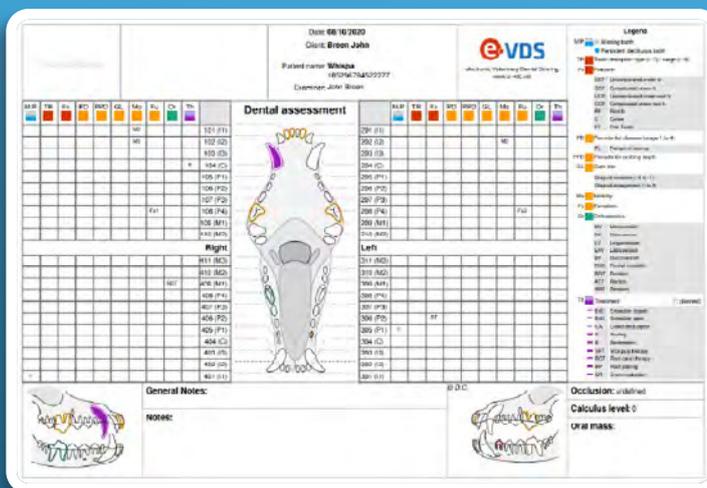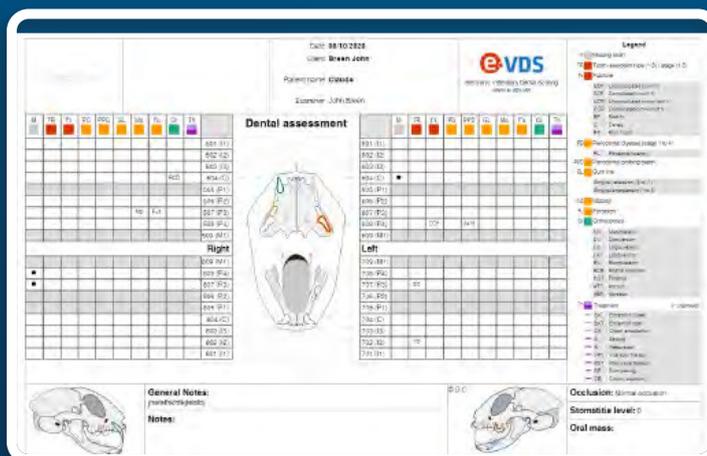
# 02 | HAND INSTRUMENTS

**Elevators & Luxators**

**Periodontal Instruments**

**Extraction Forceps**

**Lip Retractors**

**Dental Mirrors**

**Instrument Sharpening**

**Instrument Sets**

**Mouth Gags**

**Dental Models**

**Rabbit & Rodent Instruments**

# Introducing

## iM3® | *Ergo*



¹ **Colour-coded handle**

² **Coloured soft silicone grip**

*iM3 Innovative product*

The new range of *Ergo* dental instruments feature an innovative handle design with soft silicone inserts to provide added grip and comfort during use.

- High quality stainless steel with sharp cutting edges
- Ergonomic designed colour-coded handles
- Winged elevators are also available in extra-short versions for the smallest hands
- Instruments marked for easy identification
- Lightweight yet durable
- Autoclavable to 135°C
- Five-piece set supplied in autoclavable cassette

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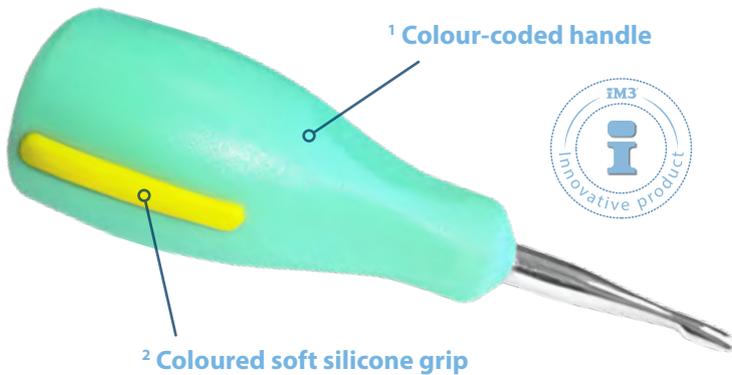
1. The colour of the ergonomic handle denotes the shape and function of the instrument:



| **Straight Elevator** | **Luxator** | **Luxator XS (Extra Short)** | **Winged Elevator** | **Winged Elevator XS (Extra Short)** |

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2. The soft silicone grips provide greater comfort and control and are colour-coded to help you identify the instrument size at a glance. From the fine root tip luxator up to the larger 6 mm winged elevators, the silicone grips all have a consistent colour indicating the tip size as shown below:

| **Fine Root** | **2 mm** | **3 mm** | **4 mm** | **5 mm** | **6 mm** |

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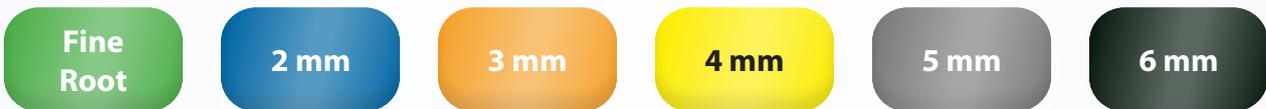
Our **Extra Short** *Ergo* **Winged Elevators** and **Luxators XS** provide comfort and control, for even the smallest hands.

Correct-fitting hand instruments save time, improve cutting ability, and increase tactile sensitivity and overall control, resulting in better ergonomics, comfort, technique, and safety.

If hand sizes differ significantly within the practice, we recommend using two sets in different sizes.



111 mm

125 mm

**HAND INSTRUMENTS**
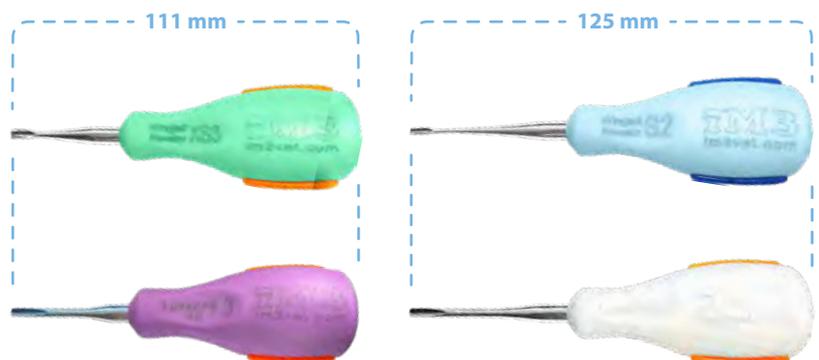
Using the hand size guide, you can choose the Ergo elevator handle that best suits your hand size.

Simply place your hand over the illustration below, lining up your index finger and thumb with the RED line as shown.

If the width and/or length of your hand fits inside the GREEN area, we recommend the Ergo XS *(green handle/purple handle)*.

If your hand extends into the BLUE area, choose the standard Ergo elevators *(blue handle)*.

*iM3 Ergo Winged Elevator XS*

Choose *Ergo* XS

Choose Standard *Ergo*

**Download & Print**

**Ergo Hand Chart**

Naturally, hand sizes and preferences vary.

This guide is intended to assist selection but may not suit every user.

**Place your hand here and align your index finger and thumb with the red line.**

scale in cm

0  1  2  3  4  5  6  7  8  9  10  11  12  13  14  15  16  17  18

HAND INSTRUMENTS
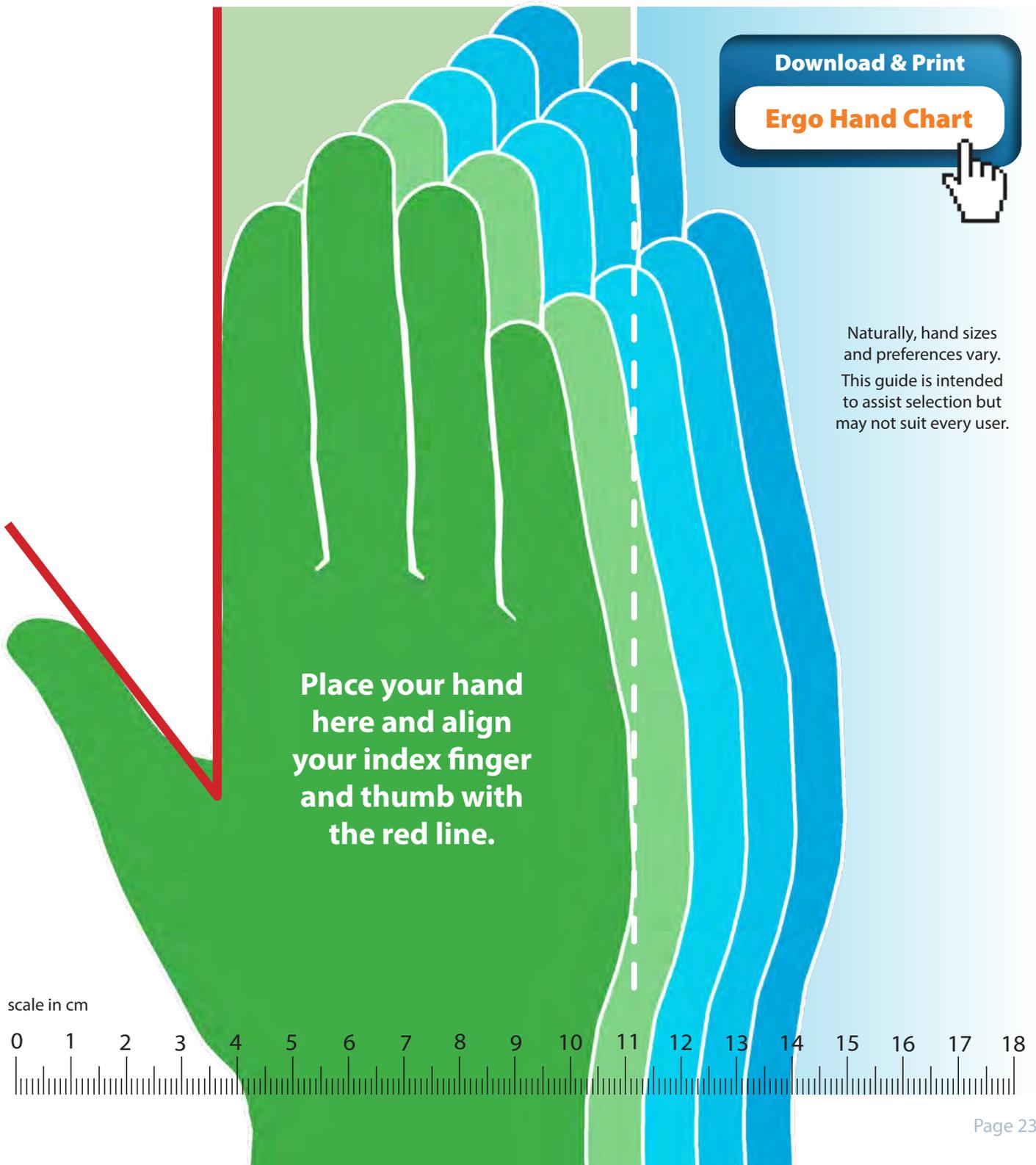
## iM3 *Ergo* Luxators

Cat. Code

| | | Cat. Code |
|---|---|---|
| Ergo Root Luxator 1.3s | | LUXR01 |
| 2 mm Ergo Luxator | | LUX02 |
| 3 mm Ergo Luxator | | LUX03 |
| 4 mm Ergo Luxator | | LUX04 |
| 5 mm Ergo Luxator | | LUX05 |

## iM3 *Ergo* Luxators XS - Extra Short
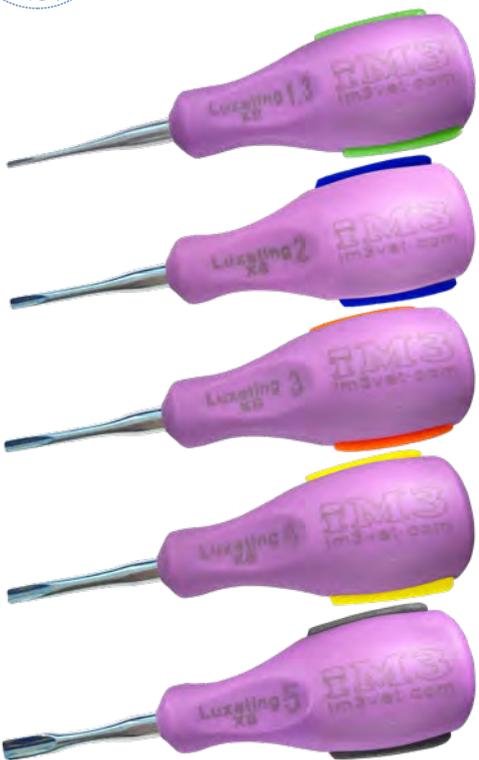
| | | |
|---|---|---|
| Ergo Root Luxator XS 1.3s | | LUXSR01 |
| 2 mm Ergo Luxator XS | | LUXS02 |
| 3 mm Ergo Luxator XS | | LUXS03 |
| 4 mm Ergo Luxator XS | | LUXS04 |
| 5 mm Ergo Luxator XS | | LUXS05 |

HAND INSTRUMENTS

## iM3 *Ergo* Winged Elevators

Cat .Code

| | | | |
|---|---|---|---|
| | **2 mm Ergo Winged Elevator** | | WES02 |
| | **3 mm Ergo Winged Elevator** | | WES03 |
| | **4 mm Ergo Winged Elevator** | | WES04 |
| | **5 mm Ergo Winged Elevator** | | WES05 |
| | **6 mm Ergo Winged Elevator** | | WES06 |

## iM3 *Ergo* Winged Elevators XS - Extra Short
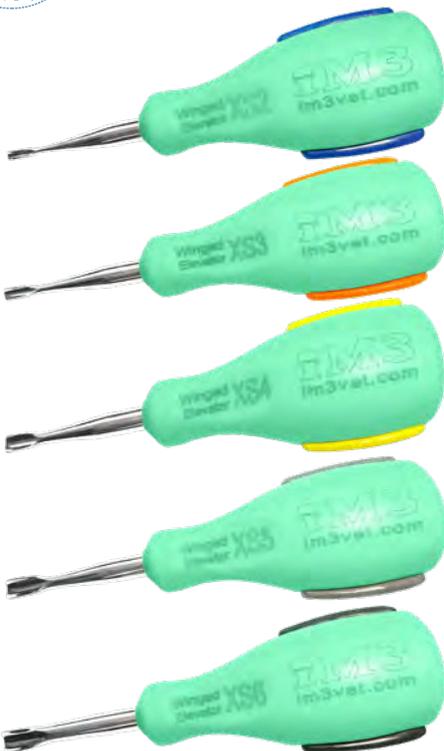
| | | | |
|---|---|---|---|
| | **2 mm Ergo Winged Elevator XS** | | WEXS02 |
| | **3 mm Ergo Winged Elevator XS** | | WEXS03 |
| | **4 mm Ergo Winged Elevator XS** | | WEXS04 |
| | **5 mm Ergo Winged Elevator XS** | | WEXS05 |
| | **6 mm Ergo Winged Elevator XS** | | WEXS06 |

**HAND INSTRUMENTS**

## iM3 *Ergo* Straight Elevators

**Cat. Code**

| | | |
|---|---|---|
| **Ergo Fine Root Tip** | | SESR01 |
| **2 mm Ergo Straight Elevator** | | SES02 |
| **3 mm Ergo Straight Elevator** | | SES03 |
| **4 mm Ergo Straight Elevator** | | SES04 |
| **5 mm Ergo Straight Elevator** | | SES05 |

## iM3 *Ergo* Periodontal Instruments

**Ergo Periodontal Probe/Explorer – 18 mm**          PROB01

Shepherd's hook explorer for detecting supra- and subgingival defects, plus a narrow, robust tip ideal for periodontal probing in cats and dogs.

**Ergo Universal Scaler**          SCAS02

Used to remove plaque and calculus from the tooth surface.

**Ergo Gracey Curette**          CURS01

A special design allows better adaptation to root anatomy for the removal of deep subgingival calculus.

**Ergo Universal Curette**          SCAU01

Used to clean plaque and calculus from tooth surfaces below the gum line.

**Ergo Dental Mirror**          DMS04

Size 4, diameter 22 mm.

**HAND INSTRUMENTS**

Cat. Code

## 5 Piece iM3 Ergo Winged Elevator Set

**WES5S**

Complete set of 2–6 mm Ergo winged elevators. Wings enable the instrument to "hug" the tooth root, reducing the risk of slipping.

## 5 Piece iM3 Ergo Winged Elevator XS Set

**WEXS5S**

Complete set of 2–6 mm Ergo winged elevators XS.

The same winged elevator tips as above (**WES5S**) but with shorter length instrument shafts (green) for smaller hands.

## 5 Piece iM3 Ergo Straight Elevator Set

**SES5S**

Complete set of 2–5 mm Ergo straight elevators and an Ergo fine root tip.

## 5 Piece iM3 Ergo Luxator Set

**LUXS5S**

Complete set of 2–5 mm Ergo luxators and an Ergo 1.3 mm root luxator.
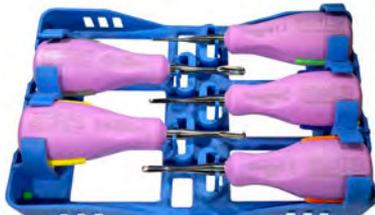
## 5 Piece iM3 Ergo Luxator XS Set

**LUXXS5S**

Complete set of 2–5 mm Ergo luxators and an Ergo 1.3 mm root luxator.

The same luxator tips as above (**LUXS5S**) but with shorter length instrument shafts *(purple)* for smaller hands. All sets are autoclavable.

## 5 Piece iM3 Ergo Perio Set

**PERI5S**

- Five-piece complete set of iM3 Ergo periodontal instruments.
- Supplied in an autoclavable cassette.

## iM3 Ergo Cassette

**CASL5**

- Holds up to five iM3 Ergo elevators or luxators.
- Autoclavable.

## iM3 Ergo Perio Cassette

**CASS5**

- Holds up to five iM3 Ergo periodontal instruments.
- Autoclavable.

HAND INSTRUMENTS

## Veterinary Winged Dental Elevators

iM3 winged elevators are lightweight yet extremely durable. The sharp, tapered, winged tip allows easy insertion into the periodontal ligament (PDL). The winged tips have been shaped to match the size and shape of the tooth's root structure (sizes 1-6 mm). This unique winged design improves instrument control and provides additional leverage during tooth extraction.

*Warning: do not use winged elevators with a lever action.*

### iM3 Winged Elevators with Standard Handle

Cat. Code

| | |
|---|---|
| **Winged Elevator 1 mm** | D1001 |
| **Winged Elevator 2 mm** | D1002 |
| **Winged Elevator 3 mm** | D1003 |
| **Winged Elevator 4 mm** | D1004 |
| **Winged Elevator 5 mm** | D1041 |
| **Winged Elevator 6 mm** | D1042 |

**Straight Root Tip Pick** — D1005
Used to assist in the extraction of retained root tips or root fragments.

**Straight Root Tip Pick – Stubby Handle** — D1005S

**Periosteal Elevator** — D1006
Used for elevating the mucoperiosteal flap during extractions on large breed dogs.

**Periosteal Elevator – Stubby Handle** — D1006S

HAND INSTRUMENTS

## iM3 Winged Elevators with Stubby Handle

The stubby handle elevators are available as a six-piece set.

Cat. Code

| | | |
|---|---|---|
| **Winged Elevator 1 mm** | | D1001SH |
| **Winged Elevator 2 mm** | | D1002SH |
| **Winged Elevator 3 mm** | | D1003SH |
| **Winged Elevator 4 mm** | | D1004SH |
| **Winged Elevator 5 mm** | | D1005SH |
| **Winged Elevator 6 mm** | | D1006SH |

## Straight Tip Elevators

These ultra-slim elevators are ideal for tooth extraction in cats and small dogs and are also useful for retrieving fractured roots. The tips can be sharpened using a dental stone.

**Elevator 1 mm**                                                                        D2001SH

1 mm wide straight tip elevator with stubby handle.

**Elevator 2 mm**                                                                        D2002SH

2 mm wide straight tip elevator with stubby handle.

## Instrument Ring Markers

Available in two sizes, eight different colours, and assorted sets. Our new coloured instrument rings can help you to mark instruments by set, owner, or type.

**Large Size Set – 8 pieces**                                                            RGB8LAC

**Small Size Set – 8 pieces**                                                            RGB8SAC

*Individual Colours available - see website*

*Small ring on iM3 curette*

*Large ring on iM3 luxator*

HAND INSTRUMENTS

## Luxator Set With Stubby Handles (1–5 mm)
**D4500**

This Luxator Set includes sizes 1–5 mm with stubby handles for ease of use. Five sizes of fine, sharp luxators make them ideal for both canine and feline teeth. They are used and recommended by dental specialists for cutting the periodontal ligament and expanding the alveolus (tooth socket) before elevators are used. Each luxator also available individually.

### Luxator 1 mm (Stubby Handle)
D4501

### Luxator 2 mm (Stubby Handle)
D4502

### Luxator 3 mm (Stubby Handle)
D4503

### Luxator 4 mm (Stubby Handle)
D4504

### Luxator 5 mm (Stubby Handle)
D4505

## Straight Root Elevators

The iM3 straight root elevator is ideal for extractions in cats and small dogs. The small handle allows for precise control and finesse when extracting small, fragile teeth.

### Straight Root Elevator – 0.8 mm
SRE08

### Straight Root Elevator – 0.9 mm
SRE09

### Straight Root Elevator – 1.0 mm
SRE10

### Straight Root Elevator – 1.3 mm
SRE13

**HAND INSTRUMENTS**

Cat. Code

### Chompret Syndesmotome

D5025

The Chompret Syndesmotome is used to cut and detach the periodontal ligament from the tooth root. The curved design allows for atraumatic extractions and preservation of the gingiva and periosteum.

### Curved Deciduous Elevators

The curved deciduous elevators are ideal for the removal of retained canines (deciduous teeth) and are available in three sizes suitable for different sizes of deciduous teeth.

The sharp elevator end cuts the periodontal ligament, while the curved tip follows the mesial aspect and the opposite end follows the distal curve of the root.

*Innovative product*

### Curved Deciduous Elevator – Small (2 mm)

D1016

### Curved Deciduous Elevator – Medium (3 mm)

D1017

### Curved Deciduous Elevator – Large (4 mm)

D1018

### Minnesota Retractor

D1014

This retractor is used to lift and protect tissue and the operator during surgical extractions while operating a high-speed drill. One end retracts the cheek while the other depresses the tongue, making it a multi-purpose retractor.

HAND INSTRUMENTS

## Perio Instruments

### Periodontal Probe / Explorer – 15 mm – Standard

**D1010**

The probe end has 1 mm periodontal markings etched in black which will not fade even after many autoclave cycles. The standard tip is ideal for periodontal probing in cats or dogs. The 'shepherd's hook' explorer is used to detect tooth defects both supra- and subgingivally.

### Explorer / Measuring Probe – 18 mm

**D5017**

The long 18 mm tip is ideal for periodontal probing in medium and large dogs. The etched markings will not fade even after many autoclave cycles. The other end of the probe has a shepherd's hook explorer to detect tooth defects both supra- and subgingivally.

### Double-Ended Periosteal Elevator

**D1011**

The periosteal elevator is used to lift a mucoperiosteal flap off the bone when performing surgical extractions. The fine double-ended 2/4 (4 mm/6 mm) periosteal elevator is ideal for cats and small to medium dogs.
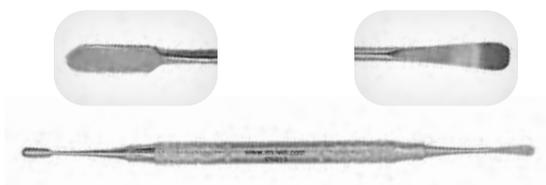
### Double-Ended Periosteal Elevator – Gargiulo

**D5014**

This product features a curved blade measuring 4 mm in width with a rounded tip, paired with a flat blade that measures 4 mm in width and also has a rounded tip.

### Sickle Scaler

**D1009**

This scaler is used to remove plaque and calculus from the tooth surface. The sickle scaler tip can be used to remove calculus from the developmental grooves and blood grooves in canine teeth.

### Jaquette Supragingival Scaler

**D1008**

This scaler is used to remove plaque and calculus from the tooth surface above the gum line. It works well in tight occlusal spaces. *Not* to be used below the gum line.

### Subgingival Curette

**D1007**

The curette is used to clean plaque and calculus from the tooth surface below the gum line.

**HAND INSTRUMENTS**

## Perio Feline and/or Small Canine Instruments

### Periodontal Probe / Explorer – 10 mm – Fine

**D2003**

The standard tip is ideal for periodontal probing in cats or dogs. The etched Williams markings will not fade even after many autoclave cycles. The 'shepherd's hook' explorer is used to detect tooth defects both supra- and subgingivally.

### Very Fine Periosteal Elevator

**D2005**

The small, delicate flat ends of this double-ended elevator make it ideal for lifting a mucoperiosteal flap off the bone in cats. The rounded tip helps prevent accidental slippage and tearing of the gingival flap.

### Resorptive Lesion Probe

**D2006**

This probe can be used to subgingivally detect resorptive lesions or residual calculus. The probe can also be used to identify furcation involvement (loss of alveolar bone between tooth roots).

### Sickle Scaler

**D2007**

This double-ended hand instrument is used for the removal of supragingival (above the gum) plaque/calculus and stains. Easier access to the back of the mouth makes this instrument ideal for working on molar and premolar teeth in rabbits and small mammals.

### Curette

**D2008**

This slimline curette is ideal for calculus and plaque removal both supra- and subgingivally (above and below the gum). The fineness of the instrument is well suited for use in cats and small dogs.

### Molt Periosteal Elevator – No. 9

**D1015**

The rounded edge of the periosteal instrument minimises tissue tearing when lifting the gum flap. The sharp end makes the initial lifting of the flap easier. Suitable for medium to large dogs.

**HAND INSTRUMENTS**

Cat. Code

## Extraction Forceps

**D1012**

Extraction forceps are used to grasp the tooth and remove it from the alveolus after it is loosened. The small size and spring in the handle help prevent excessive force and the risk of breaking the tooth. Total length: 125 mm / 5".

## Extraction Forceps – Cat and Small Dog

**D2004**

These smaller, fine extraction forceps are designed to grasp small teeth. The spring action allows their use without excessive force being applied to the tooth crown. Total length: 125 mm / 5".

## Extraction Forceps – Cat and Small Dog – Right-Angle

**D1019**

Designed by iM3 for easier extraction of cat, small dog and deciduous teeth. Parallel right angle jaws reduce the risk of tooth fracture during extraction. By not meeting at the end, they reduce the risk of breaking off cats' teeth. Small handles provide a more tactile feel.

## Tartar Removing Forceps

**D1013**

The curved beak of the forceps allows for easy removal of heavy calculus from the tooth surface, decreasing the chance of fracturing the tooth.

## Root Extraction Forceps

**D3050**

These spring-loaded extraction forceps have grooved tips with fine curved ends, ideal for root extraction or as an alternative to regular extraction forceps (D3055) as the small jaws are suitable for small teeth. Total length: 150 mm / 6".

## Extraction Forceps – Cat and Small Dog – Curved

**D3055**

These smaller extraction forceps are great for smaller mouths thanks to their smaller size and grooved tips which meet when closed. Their fine curved ends make them ideal for root extraction, or as an alternative to regular extraction forceps.

## Fragment Extraction Forceps

**D3060**

These forceps are ideal for extracting mobile broken root fragments and small, delicate teeth. The grooved and serrated jaws assist with grasping fragments. Total length: 138 mm / 5 1/2".

HAND INSTRUMENTS

### Dental Examination Mirror – Pear

D1080

Unique teardrop design to better fit in the oral cavity and allow for more teeth to be viewed.

### Dental Examination Mirror – Round

D1081

Size 4, diameter 22 mm

### Lip Retractor

D1085

The lip retractor is designed to hold the lip out of the way, providing better access to the oral cavity during dental procedures. It removes the need for a second set of hands to hold the lip out of the way. Two retractors may be required for a large dog. The lip retractor is suitable for all sizes of animals and is autoclavable. For large jowled breeds, using two lip retractors makes the surgical site easier to visualise.

### Soft Tissue Retractor

D5016

With three blunt curved rounded tines on one end and a double-angled spatula on the other, this retractor is used to hold soft tissues away to improve vision and access, and to help protect the tissue during oral surgical procedures.

### Fine Tip Pickup Forceps

D5011

Designed with precision, these forceps are great for narrow jaws, providing unparalleled access to the challenging areas of small animals' mouths. They are ideal for the delicate procedure of removing premolar and molar teeth, ensuring a safer and more efficient process.

### Oral Curettes

### Oral Curette Double-ended Small (Feline & Canine)

D1086

### Oral Curette Double-ended Medium – Large (Canine)

D1087

The two sizes of Oral Curettes (spoon shaped) are ideal for debriding the alveolus socket after tooth extraction.

### DoxiProbe

D1095

Designed by AVDC diplomates, Dr. Paul Mitchell and Dr. Randi Brannan, the new DoxiProbe aids in detecting and treating periodontal pockets. The probe measures pocket depth and the flat, paddle-like end helps place Doxirobe in the prepared pocket.

HAND INSTRUMENTS

## Dental Instrument Sharpening

View this instructional video presented by one of our trained veterinary nurses. Share this video with your staff to ensure your instruments are always performing at peak efficiency in all your dental procedures.



# Terminal end

'The shaft that extends from the end of the blade face to the first bend in the instrument'
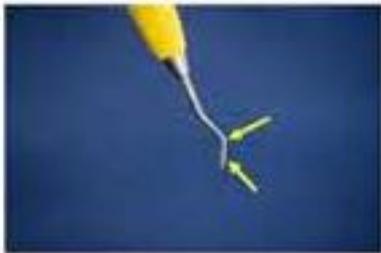
## Sharpening Stainless Steel Elevators and Luxators

These are sharpened on the flat surface of the stone. The elevator is held in the hand with the index finger just behind the tip. Look for the cutting surface on the winged elevator end and place it flat against the stone at the same angle (see right image). In the case of the winged elevators pictured, the angle is about 45°.

Hold the elevator still, in position against the stone. While maintaining the angle, move the stone upward, repeating the process 2-3 times. This will sharpen the cutting edge of the instrument. The same process applies to luxators and straight elevators.



The winged elevator tip is placed flat against the sharpening stone.

## Sharpening iM3 Ergo Elevators and Luxators

Drip a small amount of oil (MD30) onto the flat surface of your stone in the shape of a smile or a shallow "U" shape. Place the back of the instrument (the convex surface) onto the stone. Raise the angle of the instrument to approximately 45° so the back of the tip of the blade touches the surface of the stone.

Move the instrument back and forth from right to left in a shallow 'U' motion, pressing hard enough to see metal filings on the stone.
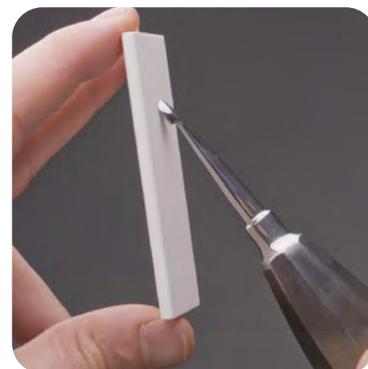


The picture shows the angle of the instrument against the sharpening stone.



HAND INSTRUMENTS
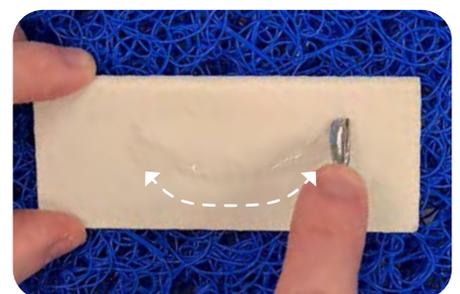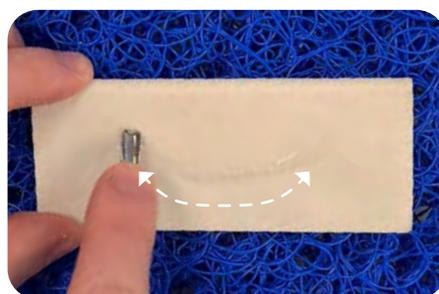
## Honing Elevators and Luxators

After sharpening your elevators and luxators, it is good practice to also hone the blade using our new sharpening cones to remove any protrusions or lips on the instrument.
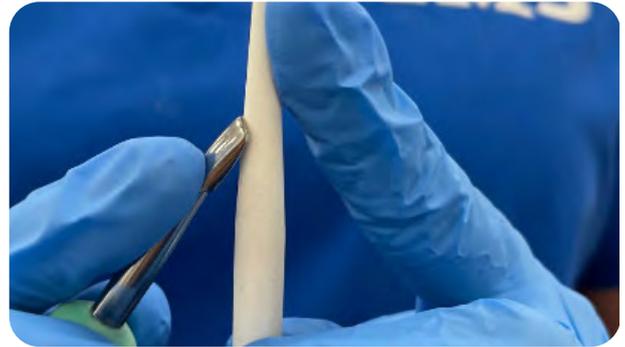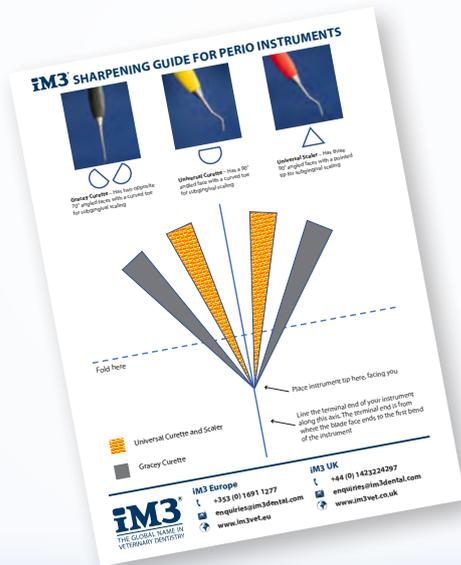
Work the sharpening cone between the wings of the elevator in an upwards motion. The tapered cone caters for all sizes of luxators and elevators.



### Sharpening Guide for Perio Instruments

Our sharpening guide for perio instruments can be downloaded and printed from the Sharpening Stone product page on our website or by clicking below link.

**Download & Print**

Click this link to get the iM3 Perio Instrument Sharpening Guide

**Sharpening Guide**

## Why Sharpening?

Instruments should be kept sharp and true to their original design.  Dental procedures are most effective when using sharp instruments because they reduce fatigue, improve deposit removal, save time and improve tactile sensitivity.

Repeated use of an instrument wears away minute particles of metal from the blade, causing the cutting edge to become rounded and resulting in a dull, ineffective blade.

When a blade is dull, the clinician loses the ability to 'feel' the sharp edge 'grabbing' onto a surface. It may then seem that the blade is 'sliding' over the surface or deposit which causes the clinician to work harder to remove deposits. For best results, instruments should be sharpened lightly after each use.

## Stone Care

- After each use, stones should be wiped with a clean cloth to remove metal particles.
- Alternate the areas used for sharpening to prevent 'grooving' in the stone.

## Stone Lubrication

- Stones may be lubricated with oil or water.

**iM3 MD-30 Oil** can be used to lubricate your stone.

Product Code: **MD30**

| | Cat. Code |
|---|---|
| **iM3 Wedge Dental Sharpening Stone** | **A3110** |

- Size: 100 mm (4") x 40 mm (1 1/2")
- The wedge sharpening stone has a flat surface with a radius on either side

**iM3 Sharpening and Honing Cone** — **A3330**

- Length: 90 mm (3 1/2")
- Diameter: 7 mm

Cat. Code

### iM3 6-Piece Winged Elevator Set – Stubby Handle     D1049

iM3 Winged Elevator sizes 1–6 mm stubby (shorter length and larger diameter) handles.

The stubby handle enhances safety by allowing the user's fingers to be placed closer to the instrument tip. The new handle design is ideal for small or large hands.

- Stubby handle set
- Each elevator is available individually

### iM3 6-Piece Winged Elevator Set – Standard Handle   D1048

iM3 Winged Elevators, sizes 1–6 mm, with standard handles.

- Standard handle set
- Each elevator is available individually

### iM3 6-Piece Winged Elevator Set with Cassette     D1044

Set includes six iM3 Winged Elevators sizes 1–6 mm with stubby handles ideal for small or large hands. The stubby handle, which is shorter in length and larger in diameter, improves safety by allowing the user's fingers to be positioned at the instrument tip, providing greater control. Includes a stainless-steel, autoclavable instrument holder.

### iM3 5-Piece Specialised Instrument Set     D1021

The set is intended as a supplement to standard tooth extraction sets. The curved deciduous elevators are ideal for the removal of retained canines (deciduous teeth). Each instrument is available individually.
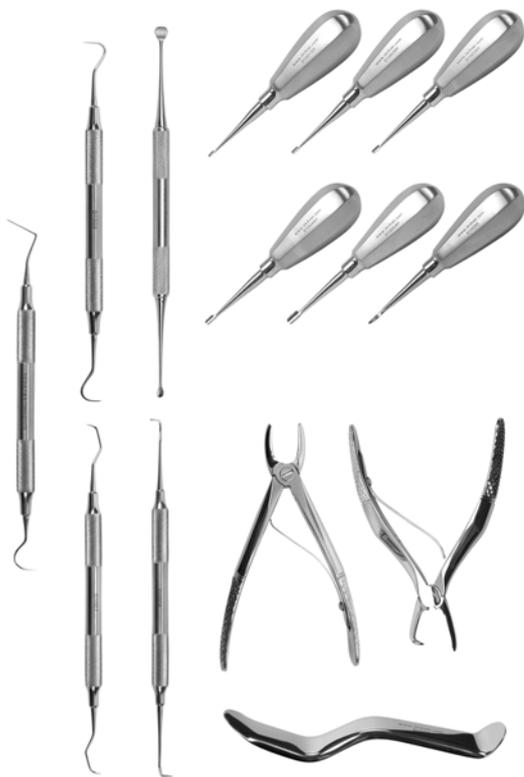
**The set consists of:**

| | |
|---|---|
| **Molt Periosteal Elevator – No. 9** | D1015 |
| **Curved Deciduous Elevator – Small** | D1016 |
| **Curved Deciduous Elevator – Medium** | D1017 |
| **Curved Deciduous Elevator – Large** | D1018 |
| **Extraction Forceps – Right-angled** | D1019 |

HAND INSTRUMENTS

Cat. Code

## iM3 14-Piece Instrument Set with Stubby Handle Elevators

D1100

Each instrument is available individually.

**The set consists of:**

| | |
|---|---|
| **Winged Elevators Size 1–5 mm** | – |
| **Straight Root Tip Pick** | D1005S |
| **Tartar Removing Forceps** | D1013 |
| **Extraction Forceps** | D1012 |
| **Minnesota Retractor** | D1014 |
| **Subgingival Curette** | D1007 |
| **Jaquette Supragingival Scaler** | D1008 |
| **Sickle Scaler** | D1009 |
| **Periodontal Probe / Explorer – 15 mm – Standard** | D1010 |
| **Double Ended Periosteal Elevator** | D1011 |

## iM3 14-Piece Instrument Set with Standard Handle Elevators

D1000

Each instrument is available individually.

**The set consists of:**

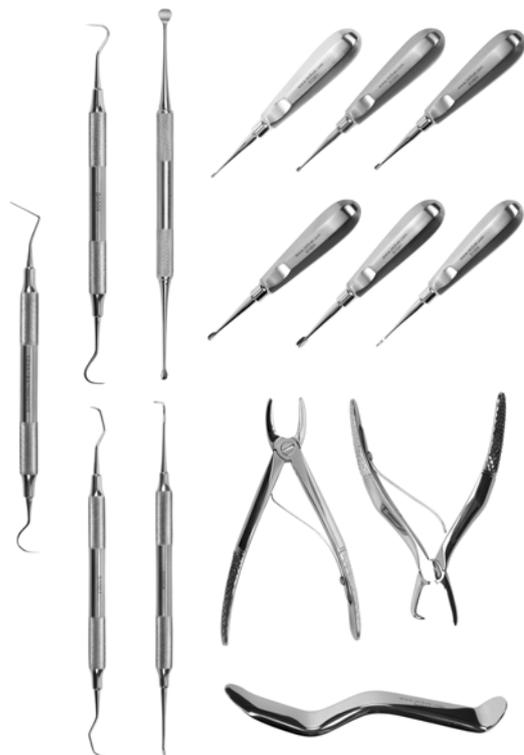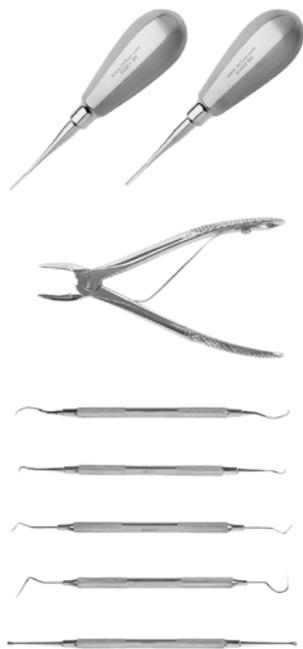| | |
|---|---|
| **Winged Elevators Size 1–5 mm** | – |
| **Straight Root Tip Pick** | D1005 |
| **Tartar Removing Forceps** | D1013 |
| **Extraction Forceps** | D1012 |
| **Minnesota Retractor** | D1014 |
| **Subgingival Curette** | D1007 |
| **Jaquette Supragingival Scaler** | D1008 |
| **Sickle Scaler** | D1009 |
| **Periodontal Probe / Explorer – 15 mm – Standard** | D1010 |
| **Double Ended Periosteal Elevator** | D1011 |

HAND INSTRUMENTS

Cat. Code

### iM3 8-Piece Feline Instrument Set — D2000

The feline periodontal kit has been designed exclusively for use in cats and small dogs. Its design allows the practitioner to perform a complete oral examination, detect any feline resorptive lesions, and clean supra- and subgingival tooth surfaces. All instruments are available individually.

**The set consists of:**

| | |
|---|---|
| 1 mm Wide Straight Tip Elevator | D2001 |
| 2 mm Wide Straight Tip Elevator | D2002 |
| Probe / Explorer | D2003 |
| Extraction Forceps | D2004 |
| Periosteal Elevator | D2005 |
| Resorptive Lesion Probe | D2006 |
| Sickle Scaler and Curette | D2007 |
| Subgingival Curette – Fine | D2008 |
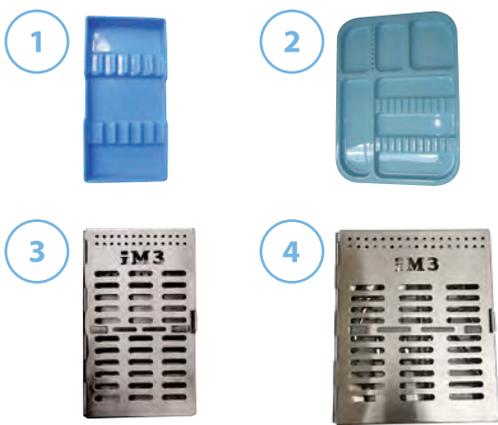
### Autoclavable Instrument Trays

**1. Instrument Tray – 95 mm x 195 mm** — D1020
Autoclavable to 121 ºC.

**2. Instrument Tray – 340 mm x 245 mm** — D1036
Has 10 drilled bur holes. Autoclavable to 121 ºC.

**3. Stainless Steel Instrument Holder/Cassette** — D1043
205 mm x 120 mm x 30 mm. Autoclavable to 135 ºC.

**4. Large Stainless Steel Instrument Holder/Cassette** — D1096
205 x 165 x 30 mm. Autoclavable to 135 ºC.

### iM3 Gawor Rescue Kit - Instruments — GRK01

The Gawor Rescue Kit was curated by Dr. Jerzy Gawor DAVDC, DEVDC (PL), for use in the event of complications during veterinary dental extractions.

**The kit includes:**

| | |
|---|---|
| Fragment Extraction Forceps | D3060 |
| Fine Tip Pickup Forcep | D5011 |
| Pincet Manual forceps | D5022 |
| Straight Root Tip Pick with Stubby Handle | D1005S |
| 1 mm Winged Elevator with Stubby Handle | D1001SH |
| 1 mm Luxator with Stubby Handle | D4501 |
| Straight Root Elevator – 0.8 mm | SRE08 |
| Straight Root Elevator – 0.9 mm | SRE09 |
| Straight Root Elevator – 1.0 mm | SRE10 |
| Instrument Cassette – Medium | D1043 |
| Forceps *(to catch and retrieve small tooth or bone fragment with firm grasp)* | D3060 |

**Download & Print**
Click this link to get the iM3 Gawor Rescue Kit Guide

**Rescue Kit Guide**

HAND INSTRUMENTS

Cat. Code
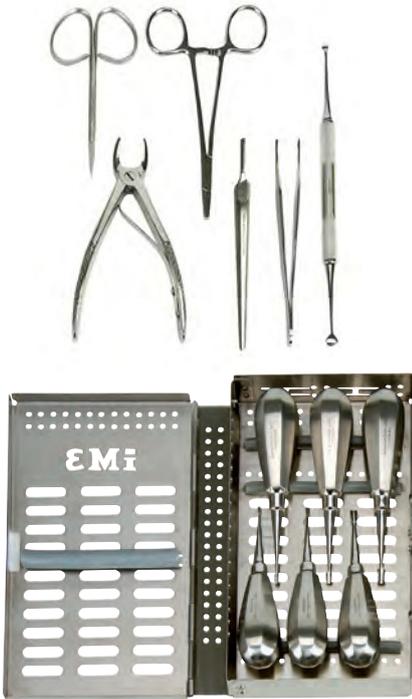
### iM3 12-Piece Extraction Set – *Updated*

D4000

The complete extraction set provides the veterinarian with the instruments required to perform both simple and surgical extractions.

**The set consists of:**

| | |
|---|---|
| **1–6 mm Stubby Handle Winged Elevators** | D1049 |
| **Periosteal Elevator – Double-ended 2/4** | D1011 |
| **Extraction Forceps - Universal** | D1012 |
| **Needle Holders – Mayo Hegar** | T1000 |
| **Tissue Forceps – Adson Brown** | T1200 |
| **La Grange Scissors** (curved, one serrated blade) | T1300 |
| **Scalpel Blade Holder** (with round ergonomic handle) | T1400 |
| **Stainless Steel Autoclavable Instrument Cassette** (20.5 x 12 x 3 cm) | D1043 |

### iM3 13-Piece Extraction Set

D4100

The set consists of the same 12 instruments listed above plus **T1500** Curved Blunt Suture Scissors. The 13-piece set is supplied in a large stainless steel autoclavable cassette (20.5 x 16.5 x 3 cm).

T1500

T1400

### Adson Rat Tooth Tissue Forceps

DAK567

Thumb forceps with fine, rat tooth tips that provide a gentle grasp of tissues.

### Tissue Forceps Fine – Adson Brown

D5010

These new tissue forceps have the same handle as our T1200 but feature a thinner, finer working part.

### Manual Forceps (Pincet)

D5022

Used to catch and retrieve small tooth or bone fragments with a very delicate grip. Small size provides better control. The delicate yet durable beaks require careful, controlled use. Using these forceps on oversized objects may damage the instrument.

HAND INSTRUMENTS

Cat. Code

## iM3 Springless Mouth Gags — MG1000

New from iM3, the mouth gag length can be extended by unscrewing the mechanism.

**Complete set – 5 pieces**

| | |
|---|---|
| **Mouth Gag 30 mm – X-Small** | MG3000 |
| **Mouth Gag 40 mm – Small** | MG4000 |
| **Mouth Gag 50 mm – Medium** | MG5000 |
| **Mouth Gag 60 mm – Large** | MG6000 |
| **Mouth Gag 80 mm – X-Large** | MG8000 |

## iM3 Posterior Rubber Mouth Gags

Made of chemical resistant, autoclavable silicone. Latex-free and highly durable.

| | |
|---|---|
| **Posterior Rubber Mouth Gag – Large** | PRMGL1 |
| **Posterior Rubber Mouth Gag – Small** | PRMGS2 |

## iM3 Stainless Steel Mouth Gags

Unlike heavy-duty spring-loaded mouth gags that tend to overextend the temporomandibular joint, the iM3-designed mouth gag has a unique locking system that requires little force to hold the gag at the desired open position inside the animal's mouth. The lightweight gag and spring, coupled with the unique locking system, reduce the risk of myalgia, neuralgia, and trauma to the temporomandibular joint.

| | |
|---|---|
| **iM3 Mouth Gag – 5 cm opening** | D1023 |
| **iM3 Mouth Gag – 8 cm opening** | D1024 |
| **iM3 Mouth Gag – 12 cm opening** | D1025 |
| **iM3 Mouth Gag – 3-piece set** | D1040 |

**Don't confuse our veterinary-specific mouth gags for these heavy duty monsters!**

HAND INSTRUMENTS

### Feline Skull CLEAR Anatomy Model with Teeth

**S1050**

Model size: 10 x 7.6 x 5 cm (4" x 3" x 2")

Feline clear model skull, made with clear durable acrylic base which allows transparent three-dimensional views of the anatomical shapes, positions, and proximity of the roots to the eye sockets and nasal cavity. This model clearly demonstrates anatomical shapes and positions to help visualise dental procedures.

Used by DVMs, Vet Tech and anatomy instructors, veterinary students, and other animal care professionals. May be used as an educational and instructional aid.

- Anatomically accurate
- Made of durable, hi-impact plastic
- Jaw hinged allowing the jaw to be opened and closed

### Canine Skull CLEAR Anatomy Model with Teeth

**S1055**

Model size: 20 x 10.8 x 10 cm (8" x 4 1/4" x 4")

This clear canine skull model is made with a durable acrylic base that allows transparent three-dimensional views of the roots and teeth. The model clearly demonstrates anatomical shapes and positions to help visualise dental procedures.

Used by DVMs, Vet Tech and anatomy instructors, veterinary students, and other animal care professionals. May be used as an educational and instructional aid.

- Anatomically accurate
- Made of durable, hi-impact plastic
- Jaw attached & hinged allowing the jaw to be opened and closed

### Feline & Canine Skull Model Set

**S1060**

Feline skull model size: 10 x 7.6 x 5 cm (4" x 3" x 2")

Canine skull model size: 20 x 10.8 x 10 cm (8" x 4 1/4" x 4")

The set includes both feline and canine clear skull models with durable acrylic bases that provide transparent three-dimensional views of anatomical structures, including roots, eye sockets, and nasal cavities. These models clearly demonstrate anatomical shapes and positions to help visualise dental procedures.

Used by DVMs, Vet Tech and anatomy instructors, veterinary students, and other animal care professionals.

May be used as an educational and instructional aid.

- Anatomically accurate
- Made of durable, hi-impact plastic
- Jaw hinged allowing the jaw to be opened and closed

HAND INSTRUMENTS

**Meet**

# Norman

**The world's first anatomically accurate, multi-procedure, reusable canine dental model.**

iM3®

FUTURUM
ANIMAL BIOTECH

Cat. Code
**1200C-02**

**Replicates soft tissues**, periodontal structures, mandibular canals, nerve foramina, and **full endodontic detail**.

Separate mucosa and periosteum layers allow **accurate flap creation**, fenestration, and tension-free closure.

Provides **authentic feedback** for incisions, drilling, suturing, extractions, and flap manipulation.

Produces images that closely mirror **true canine anatomy**, including pulp canals, neurovascular structures, and mandibular bone detail.

## How many procedures can be performed on one model?

The model supports repeated practice of multiple procedures on a single unit, making it highly reusable and cost-effective for ongoing education and training.
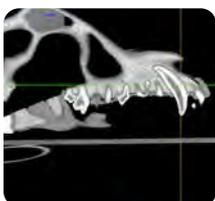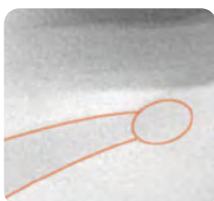
Radiography    Nerve blocks    Tooth extraction    Gingival incision    Root canal    Gingival flap surgery

HAND INSTRUMENTS

# Advanced Veterinary Dentistry Education

Norman delivers an exceptional hands-on experience by closely replicating the texture, resistance, and responsiveness of real tissue, bone, and dentition.

This lifelike feedback reinforces proper technique and allows users to see and feel outcomes such as flap integrity, tissue positioning, and closure success.

Norman is not just a model, but a step forward in shaping how the next generation of veterinarians learn, practice, and master veterinary dentistry.

Veterinary dentistry demands skill, precision, and hands-on practice — yet training often relies on cadavers, raising ethical, logistical, and biosecurity concerns. *Norman changes that.*

As the world's first anatomically accurate, reusable canine dental model, it offers a safe, cost-effective, and modern alternative for students and professionals.



HAND INSTRUMENTS

**Rabbits and Rodents**

iM3's rabbit and rodent instruments have been developed with the help of leading veterinary exotic specialists.

Cat. Code

### Incisor Luxator
D1026

Used to aid extraction of rabbit incisors. The instrument is used to sever the periodontal ligament on the distal and mesial aspects of the incisor teeth.

### Molar Luxator
D1027

Designed for the extraction of rabbit cheek teeth. This instrument is used to sever the periodontal ligament on all aspects of premolar and molar teeth.

**D1075 in use - Lower Incisors**

### Incisor Luxator for Labial and Lingual/Palatal Tooth Aspects

The luxators are used to cut the periodontal ligament and expand the alveolus by inserting the sharp instrument into the socket.

Both incisor luxators are needed to extract the upper and lower incisors.

### Incisor Luxator – Lower Incisors
D1075

### Incisor Luxator – Upper Incisors
D1076

**D1076 in use - Upper Incisors**

### Spatula
D1028

Enhances examination of the teeth by repositioning the tongue and cheeks. Features a lightweight handle.

### Rabbit and Rodent Cheek Spatula

Introducing the Rabbit and Rodent Cheek Spatula, available in small and large sizes. This specialised cheek spatula is designed to meet the unique needs of rabbits and rodents, ensuring their dental well-being is in excellent hands.
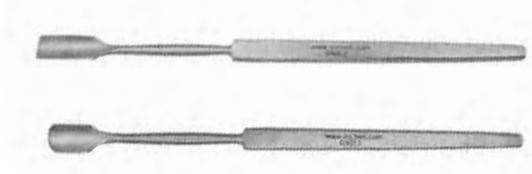
- Made from high-quality stainless steel, autoclavable up to 135 ºC

### Rabbit & Rodent Cheek Spatula – Large
D5012

### Rabbit & Rodent Cheek Spatula – Small
D5013

**HAND INSTRUMENTS**

## Cheek Dilator – X-Small *(39 mm long x 32 mm wide)*  D1035

Suitable for very small mammals where the small cheek dilator is found to be too big. Max. mouth width: 32 mm.

## Cheek Dilator – Small *(61 mm long x 54 mm wide)*  D1030

Suitable for smaller mammals such as chinchillas and guinea pigs, enhancing inspection of the oral cavity. Max. mouth width: 54 mm.

## Cheek Dilator – Large *(88 mm long x 81 mm wide)*  D1031

Suitable for larger rabbits. Max. mouth width: 81 mm.
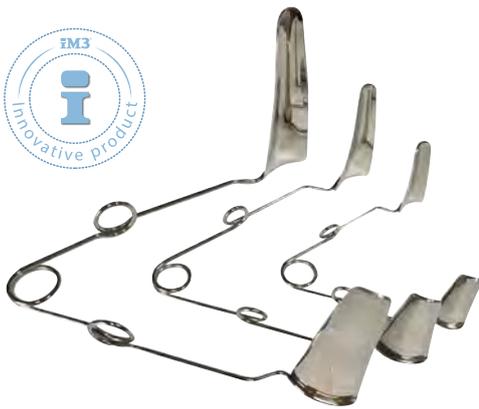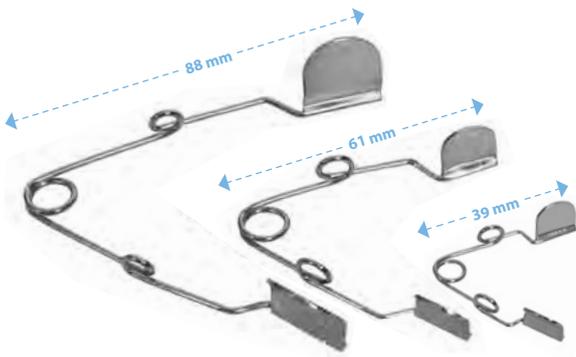
## Cheek Dilator Long-reach Curved – Small *(28 mm)*  D1146
## Cheek Dilator Long-reach Curved – Medium *(40 mm)*  D1046
## Cheek Dilator Long-reach Curved – Large *(60 mm)*  D1047

The long-reach cheek dilator is ideal when using long diamond burs to reduce molar teeth. The radius of the paddle provides better access and viewing as it pushes the cheeks away from the molar teeth, which also helps prevent the cheek tissue from being damaged by the instruments.

iM3's unique design was developed with the help of **Peter Haseler B.Vet.Med. MRCVS**. - past president of the British Veterinary Dental Association (BVDA) Member of BVDA and EVDS.

## Rodent Wire Mouth Gag  D1032

Lightweight design with light spring action. Suitable for chinchillas, guinea pigs, rats and small rabbits. Enhances inspection of the oral cavity.

## Rodent Mouth Gag  D1033

Designed by iM3 and fully autoclavable, the jaws of the new rodent mouth gag are covered in soft plastic, which reduces trauma. This gag is lighter than comparable gags to reduce the weight on the animal's jaws.
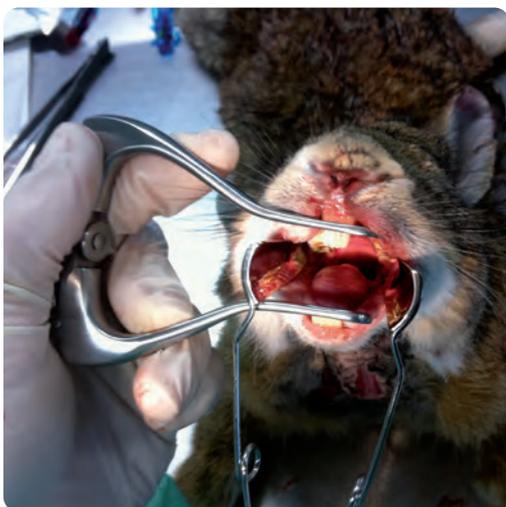
*The coated gags are very "kind" to the teeth and soft tissues - I definitely wouldn't go back to uncoated gags again. Your gags have a beautifully smooth screw mechanism.*

**Judy Rochette**
DVM, FAVD, Dipl AVDC

**Soft plastic coating reduces trauma**

**D1046 and D1033 in use**

HAND INSTRUMENTS

### Rabbit Molar Cutters

**D1045**

Ideal for trimming excessively long cheek teeth before finishing with an extra long diamond bur for a smooth surface. Reducing the length with the molar cutters first helps decrease bur wear and the risk of thermal injury to the tooth. Care should be taken to avoid tooth fractures and soft tissue damage.

### Cheek Teeth Extraction Forceps (Molar Teeth)

**D1029**

Specifically designed for the removal of premolar and molar teeth in rabbits. The jaws of the forceps are narrow and angled at 100° to improve access to the cheek teeth.

**HAND INSTRUMENTS**

Cat. Code

### 8-Piece Complete Rabbit and Rodent Kit — D1034

All instruments are also available individually.

**Contains:**

| | |
|---|---|
| **Incisor Luxator** | D1026 |
| **Molar Luxator** | D1027 |
| **Spatula** | D1028 |
| **Cheek Dilator – Small** | D1030 |
| **Cheek Dilator – Large** | D1031 |
| **Rodent Wire Mouth Gag** | D1032 |
| **Rodent Mouth Gag** | D1033 |
| **Cheek Teeth Extraction Forceps** *(Molar Teeth)* | D1029 |
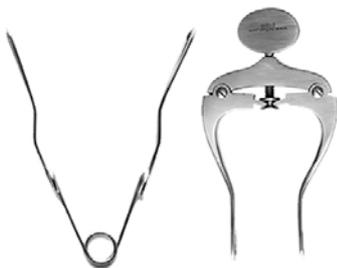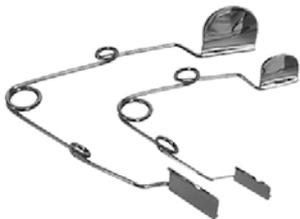
This instrument set was developed with the help of **Dr. David Vella, BSc, BVSc (Hons), Diplomate ABVP** *(Exotic Companion Mammals)*.

### Magnetic LED Light — TB0017

This creative design cleverly combines a flexible LED lamp with a strong magnetic base which can be attached to tables or instrument trays using an adhesive steel disc. With a 33 cm flexible gooseneck, it can be easily adjusted to illuminate any direction or area that is needed.

**The newest technology:**

- COB LED lighting source
- 3 W low power consumption
- 280 lm high brightness spot lighting
- Non-flickering 5000 K cool white colour

The 3-metre-long USB cable includes a functional power switch with three brightness levels (OFF, 15%, 40%, 100%) and timer settings (15 minutes, 30 minutes, 1 hour). The lamp can be powered by the supplied USB power adapter (minimum 5 V 1A input), power bank,or USB computer port.

**HAND INSTRUMENTS**

Cat. Code

## Soft Tissue Protector and Diamond Disc Safety Shield **D2245**

The iM3 four-piece dental kit for rabbits, guinea pigs, and chinchillas is an ideal set of instruments for reducing and levelling molar and incisor teeth.

### 1. Diamond Disc Cutter
D2200

22 mm, coated on both sides with HP mandrel.

### 2. Safety Shield
D2220

Stainless steel safety shield for 22 mm diamond disc. Fits straight nose cone **L6860**.

### 3. Long Cutting HP Bur
D2235

Diamond bur X-Long 60 mm.

### 4. Soft Tissue Protector
D2230

Fits **L6860**. The soft tissue protector guards the tongue and cheeks by exposing only the bottom cutting surface of the diamond bur when used on cheek teeth.

The above items fit a straight nose cone 1:1 (Blue) attached to a low-speed motor (shown below).

### 5. Straight Nose Cone 1:1 (Blue)
L6860

Straight Nose Cone 1:1 ratio (Blue) use HP burs for rabbit and orthopaedic work.

- Autoclavable
- (Not included in **D2245** set)

## HP Burs suitable for Rabbit Dentistry

These burs fit any straight nose cone with an HP fitting.

### Long Cutting HP Diamond Bur
D2235

Diamond bur X-long 60 mm, can be used with or without soft tissue protector **D2230**.

**60 mm long**

### Narrow Conical HP Bur for Rabbits
D9550

The carbide bur is suitable for levelling molar teeth. Care must be taken to avoid soft tissue injury. Does not fit **D2230** Soft Tissue Protector.

**50 mm long**

### Large Tubular HP Bur for Rabbits
D9555

The large carbide bur is suitable for levelling molar teeth. Care is needed with the soft tissue. Does not fit **D2230**.

**45 mm long**

*See our complete range of burs, handpieces, and X-Ray plates in the appropriate sections.*

*Photo courtesy of Jan Bellows, DVM, Dipl. AVDC, ABVP*

*Enhanced intraoral illumination*

## iM3 Advantage 1:1 LED Straight Nose Cone

**L7800**

The iM3 Advantage 1:1 LED fits any low-speed motor or electric micromotor. The self-generated LED white daylight, produced by the drive shaft of the low-speed air motor or electric micromotor.

- Large illumination area providing outstanding visibility
- Coolant delivery tube that supplies sterile coolant to any bur length
- Ideal for rabbit dentistry and orthopaedic work
- Autoclavable
- Takes HP burs and 3/32" orthopaedic drills

> *We purchased your LED Advantage Straight Nose Cone and the L6200 Low-speed Motor to fit our countertop dental unit. This nose cone has increased our ability to perform dental procedures on our smaller pocket pets. The LED light allows the veterinarian to easily visualise the molar teeth and the varying sizes of burs help to rapidly improve the occlusion on the cheek teeth. It has dramatically cut the time needed for these procedures.*
>
> *We couldn't be happier with this unit and recommend it to anyone doing pocket pet dentistry!*
>
> **Mary L. Berg**
> BS, RLATG, RVT, VTS (Dentistry)

**Coolant delivery tube, removable/adjustable to any bur length.**

**iM3®** LED 1:1 *Advantage* L7800

**LED light**
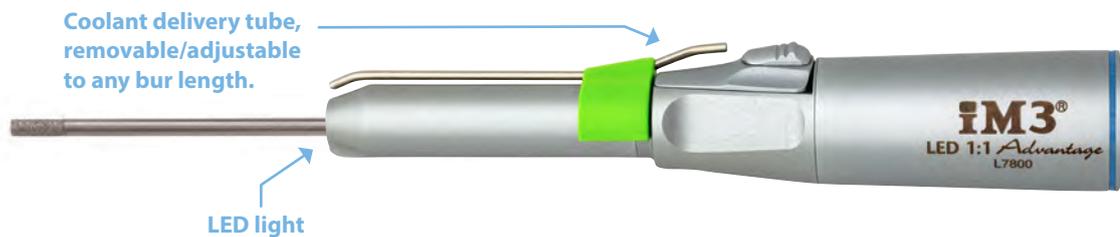
## Leporidae Skull Model

**D1070**

iM3's new Leporidae Skull Model allows you to observe the tooth and root pattern of a typical rabbit and demonstrate to your clients why a procedure is necessary and what will be involved.

Also included with the model is an education card. The double-sided card shows tooth location, names, and numbering for easy identification, and also includes the nasolacrimal duct location.

**Model size:** 9 x 4.5 x 5.5 cm *(3 1/2" x 1 3/4" x 2.2")*
**Card size:** 16.5 x 13 cm *(6 1/2" x 5 1/4")*

*innovative product*

**HAND INSTRUMENTS**

Cat. Code
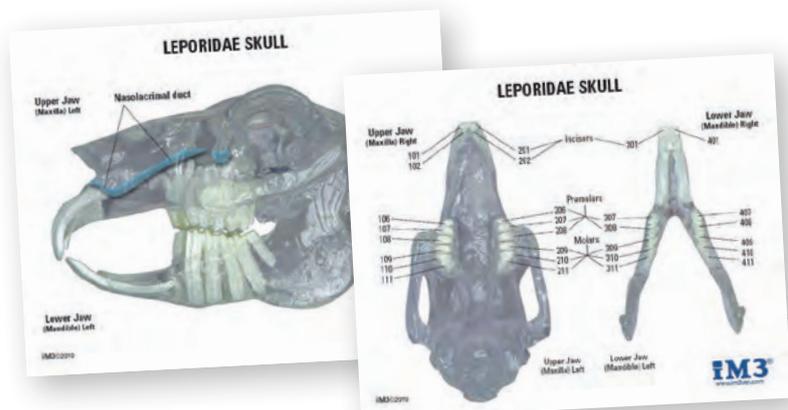
## iM3 Tabletop Mouth Gag (TTMG)

T2000

- 28 x 16 cm

The TTMG was designed by iM3 with the help of specialists to hold anaesthetised patients in the best possible position for examination and treatment of the oral cavity.

- Adjustable-height stainless steel gags.

- Adjustable table height ensures the best viewing angle of the oral cavity.

- Washable silicone pad under the patient reduces heat loss and is easy to clean.

- The complete TTMG is easy to clean and is also autoclavable.

- Quality components and innovative design for ease of use.

> *It works really, really well in order to maintain positioning.*
>
> **Dr Charles Kuntz**
> Specialist Surgeon DVM, MS, MACVSc, Diplomate of the American College of Veterinary Surgeons, Registered Specialist of Small Animal Surgery, Fellow of Surgical Oncology.

HAND INSTRUMENTS
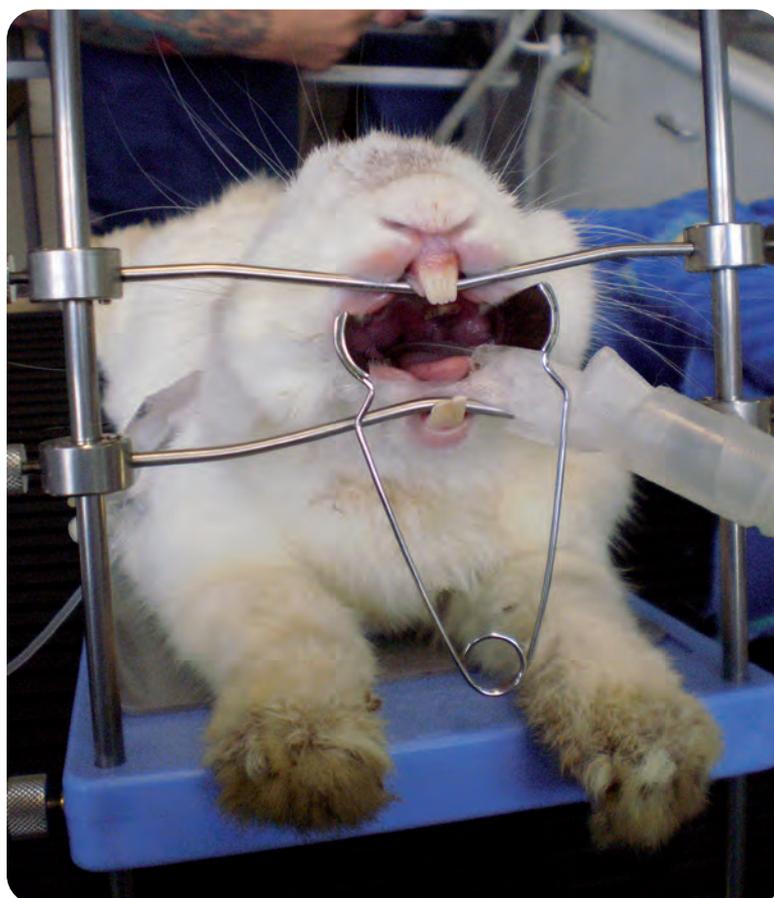
The iM3 Tabletop Mouth Gag can be used for a wide range of procedures, including brachycephalic airway surgery as seen on the below video link:

> " I have been using the iM3 tabletop mouth gag (TTMG) for about 4 years for positioning of the head for numerous procedures, most commonly brachycephalic airway surgery. This device is absolutely perfect for positioning dogs' heads for this procedure and saves a lot of time and expense (think endless rolls of tape) normally required for positioning brachy's heads for surgery.
>
> The other really nice thing is that it is adjustable. We can have the head in one position for the nares and then change the position for the soft palate and saccules. I strongly recommend the use of the TTMG for this purpose.

**Dr Charles Kuntz**
Specialist Surgeon DVM, MS, MACVSc,
Diplomate of the American College of Veterinary Surgeons,
Registered Specialist of Small Animal Surgery,
Fellow of Surgical Oncology.



Treatment for respiratory and associated ailments in brachycephalic patients is becoming more common due to the popularity of these breeds.



The iM3 Tabletop Mouth Gag can be used for a wide range of procedures and has an adjustable table height, ensuring the best viewing angle of the oral cavity.
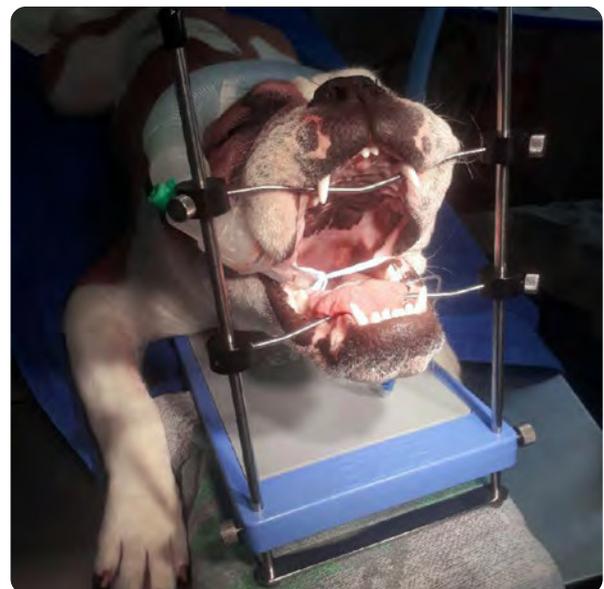


Brachycephalic dogs - such as French bulldogs, pugs, and Pekingese, with shortened snouts and wide heads, are prone to breathing issues, especially during exertion or hot weather.

HAND INSTRUMENTS
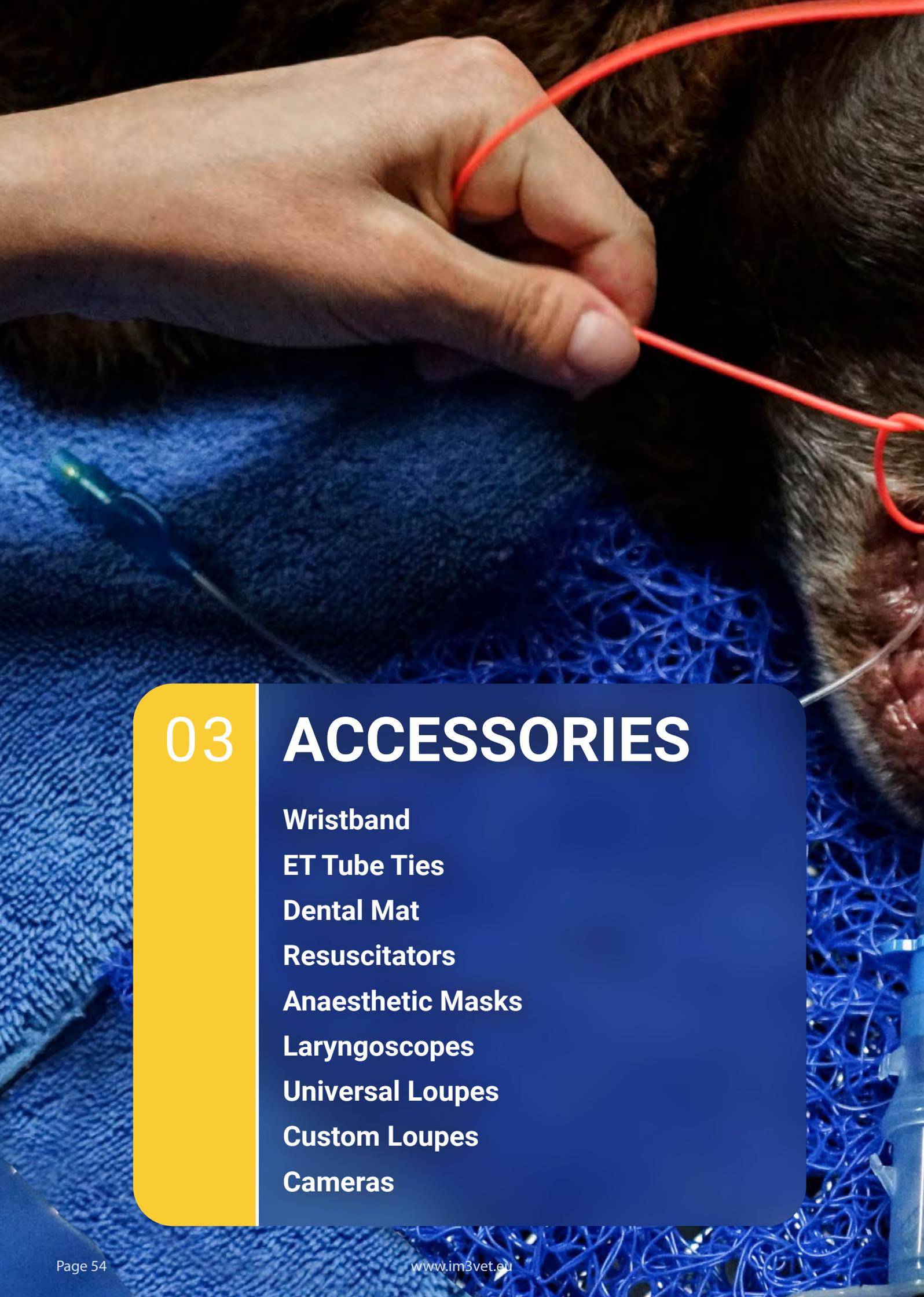
# 03 ACCESSORIES

**Wristband**

**ET Tube Ties**

**Dental Mat**

**Resuscitators**

**Anaesthetic Masks**

**Laryngoscopes**

**Universal Loupes**

**Custom Loupes**

**Cameras**

Cat. Code

## iM3 CordEze

**CRD001**

iM3 CordEze Management Wristband.

- Proven to reduce hand fatigue by up to 60%
- Clinically proven to eliminate cord pullback forces
- Improves ergonomics, efficiency and infection prevention

**Key Features:**

- Fits cords with a diameter of 4–12 mm
- Sterilise or disinfect
- Adjustable sizing for wrist or arm
- Made in the USA









ACCESSORIES
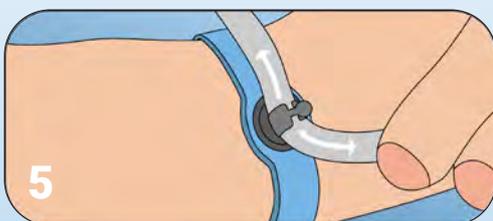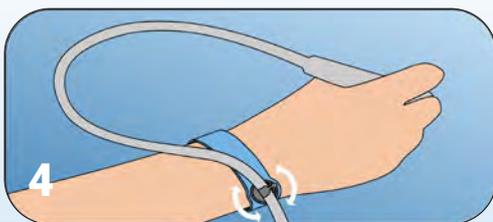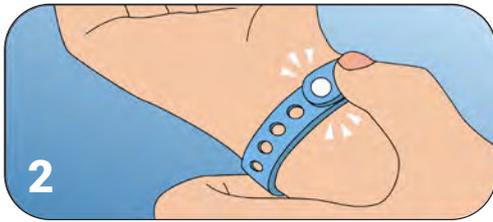
**Instructions:**

- Wrap the iM3 CordEze band around your wrist, inserting the pin through the loop. Pull the band tight and snap the metal pin into the desired hole to secure.

- Attach the adapter to the cord at the desired position.

- To use, hold the handpiece in your dominant hand and press the adapter directly into the CordEze clip until it locks in place. The cord is now held securely, allowing you to operate the handpiece without holding or managing the cord.

- To detach, simply lift the adapter out of the clip. The adapter remains on the cord for easy reattachment.

**Infection Control:**

- Sterilise in an autoclave (bagged and unpinned) or disinfect using a double wipe method with an intermediate-level disinfectant.

ACCESSORIES

Cat. Code



**Tie around tube in a double loop for a firm hold**
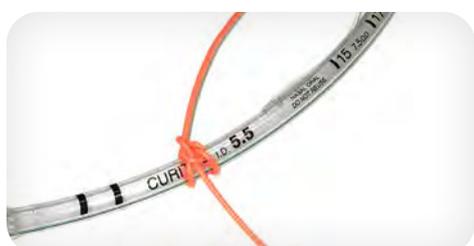


**Watch our video tutorial to learn how to tie your iM3 Endotracheal Tube Ties**

## NEW iM3 Endotracheal Tube Ties                    SILC50

Safe for patients and dental handpieces! Re-usable ties in 120 cm lengths for tying endotracheal tubes.

- Sold in packs of 50
- Tube ties can be cut to length to suit all sizes of animals
- Vibrant, identifiable colour
- Does not bind or cling to muzzle hair
- Holds fast to the tube, reducing accidental movement and potential tracheal damage
- Won't soak up blood or saliva, unlike gauze, string, or bootlaces
- Avoids damage to the dental handpiece caused by catching gauze
- Easier to use and faster to apply and remove than gauze or other ties
- Re-usable and recyclable
- Cold sterilisation only

*Always use iM3 Endotracheal Tube Ties to avoid accidental handpiece damage caused by gauze!*

## iM3 Dental Mats

A popular veterinary dental accessory, the iM3 Dental Mats are widely used in clinical practice.

- Drains liquids and chemicals away
- Provides comfort for the animal
- Provides a surface for instrument placement
- Machine washable (up to 60 °C / 120 °F)
- Re-usable and recyclable
- 40 x 30 cm

**iM3 Dental Mat – Single**                    M1001

**iM3 Dental Mat – 5 pack**                    M1005

## NEW iM3 Table Mat                    M6060

Introducing the new 60 x 60 cm mat for use on tables.

As requested by many veterinarians and nurses, the iM3 Dental Mat now comes in larger sizes for use on tables and as surgical underlays!

### Resuscitators

- Available in small and large
- Constructed from long life PVC
- Oxygen or anaesthetic gas entry inlet
- Two non-return valves allow ventilation with oxygen, anaesthetic, or air
- Patient port: 22 mm O.D. – fits anaesthetic mask and endotracheal tube
- Pressure relief: 20 cmH₂O ± 5 cmH₂O
- Maximum stroke rate: Small 250 ml; Large 900 ml

| | |
|---|---|
| **Small for Dogs and Cats – 900 ml** | **R2001** |
| **Large for Foals and Calves – 1700 ml** | **R2002** |

### iM3 Anaesthetic Masks

Unbreakable, see-through low-dead space anaesthetic masks. Designed in Australia by iM3. Available in five sizes with soft diaphragms.

| | |
|---|---|
| **Anaesthetic Mask – Bird/Rodent** | **D1940** |
| **Anaesthetic Mask – Cat** | **D1930** |
| **Anaesthetic Mask – Small Dog** | **D1920** |
| **Anaesthetic Mask – Large Dog** | **D1890** |
| **Anaesthetic Mask – Long Nose Dog** | **D1870** |
| **5-Piece Set** | **D1910** |

### iM3 LED Laryngoscope    LS100

A veterinary-exclusive design specifically created for use in animals.

**Includes:**

- iM3 LED laryngoscope
- Feline blade
- Canine blade
- Power supply
- Charging cable
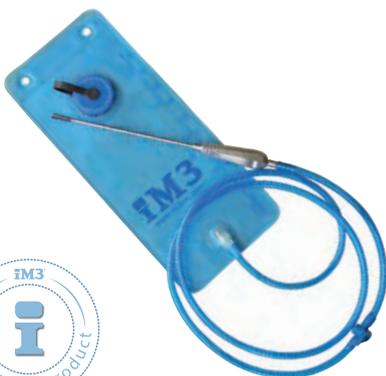
### iM3 Faecal Flushing Curette    T3000

Impacted faeces can be removed in dogs and cats using the iM3 Faecal Flushing Curette.

- Stainless steel construction, autoclavable, and a proven design in clinical practice for over 30 years
- Reduces anaesthesia time
- 2 litre refillable fluid bag
- Gravity flow with a control valve
- Allows the optimal solution to be used
- Simplifies an otherwise difficult procedure
- Depth markings on curette

ACCESSORIES

Cat. Code

## Universal Adjustable Loupes

A powerful pair of loupes that will help improve your visualisation, performance and the efficacy of your work in practice.

Our universal loupes have adjustable interpupillary distance making them ideal for practices that wish to share loupes between multiple practitioners.

### Universal Adjustable Loupes 2.5 XS                    BSLXS1

- Working length: 200–300 mm

### Universal Adjustable Loupes 2.5 S                     BSLS2

- Working length: 280–380 mm

### Universal Adjustable Loupes 2.5 R                     BSLR3

- Working length: 360–460 mm

### Universal Adjustable Loupes 2.5 L                     BSLL4

- Working length: 440–540 mm

### Universal Adjustable Loupes 2.5 XL                    BSLXL5

- Working length: 500 mm–600 mm

### Key Features

- Protective case
- Adjustable flip-down loupes
- 2.5x magnification
- Lens covers to protect from dust and abrasions
- Grip-flip mechanism to flip the lenses during work
- Lens cleaning cloth
- Adjustment screwdriver
- 12-month warranty

### Universal Loupes – Glasses Clip                       BSLCLIP

The Universal Loupes Glasses Clip allows you to use iM3's Universal Adjustable Loupes (BSLS2, BSLR3, BSLL4, BSLXL5) on any pair of glasses.

### Universal LED Head Lamp                               BATLT6

- High-intensity light with battery pack
- 6,000 K cool white light
- 2W LED bulb
- Up to 8 hours battery life

### Anti-Fog Safety Glasses                               G0000

Your sight is one of your most precious assets and deserves the best possible protection. Anti-fog safety glasses will help protect your eyes during routine veterinary dental procedures from aerosols as well as tooth or calculus fragments.

ACCESSORIES

Cat. Code

**Colours may vary**

## iM3 Premium JTL 2.5x

The iM3 JTL 2.5x Loupes, where JTL signifies 'Justify Tailorable Loupes', are precision optical tools designed to enhance dental procedures and clinical workflow. Offering sharp, clear visuals and a tailored fit, these high-quality loupes transform your practice by providing unmatched accuracy and ease.

## Key Features

### Adjustable Pupil Distance

Our JTL premium loupes eliminate the need for separate PD measurements by allowing direct adjustment of the pupil distance for a personalised fit, simplifying the experience.

### Innovative Chain Hinge

Features a 3-stage adjustable chain hinge for stable viewing angles, ensuring clear vision with a minimum 12 cm pupil-to-barrel distance, allowing easy angle and distance customisation.

### Clear Vision

Our optical lenses provide distortion-free clarity, ensuring precise imaging for accurate treatments and diagnoses.

### Lightweight Frame

Crafted from high-quality material weighing just 11.8 g, our feather-light frame offers durability and comfort, minimizing strain during long procedures.

*General magnification*

*JTL2.5x Loupe*

**3-stage block chain hinge**

**Both eyes PD adjust sliding bar**

### iM3 Premium Loupe 2.5x (RO)    JTL25RO

- Working distance: 34 cm
- Field of view: >105 mm
- Range: 250–430 mm

### iM3 Premium Loupe 2.5x (R)    JTL25R

- Working distance: 42 cm
- Field of view: >120 mm
- Range: 300–480 mm

### iM3 Premium Loupe 2.5x (R1)    JTL25R1

- Working distance: 46 cm
- Field of view: >140 mm
- Range: 340–520 mm

### iM3 Premium Loupe 2.5x (L)    JTL25L

- Working distance: 52 cm
- Field of view: >155 mm
- Range: 400–580 mm

### Universal Premium Wireless LED Light    JTW01

Weighing 8 g (light) and 19.8 g (battery), it is one of the lightest wireless loupe lights available. High-efficiency wireless lithium-ion battery lasts 3 hours at full brightness.

- The 5,800 K natural light source reduces eye fatigue, even during prolonged use.
- Easy touch operation – ON/OFF
- Using the supplied three batteries, the light can operate for approximately 8 hours.

**Universal Premium Wireless LED Light on iM3 Premium JTL 2.5x Loupes (colours may vary)**

ACCESSORIES

# UNIVET HD PRO LOUPES

GALILEAN          PRISMATIC

## Why use loupes?

Loupes facilitate detailed visualisation, improving the diagnosis and treatment of dental pathologies.

They improve working conditions ergonomically by correcting posture and reducing eye strain and its associated problems.

Depending on the study you read, **between 60% and 90% of dentists have back, neck and/or shoulder pain.**[1] In Ireland, people suffering from back pain take an average of 11 days off work and productivity is affected for 26 days.

Good posture is a crucial work consideration to monitor, and dentistry is a high risk contributing factor.[2]
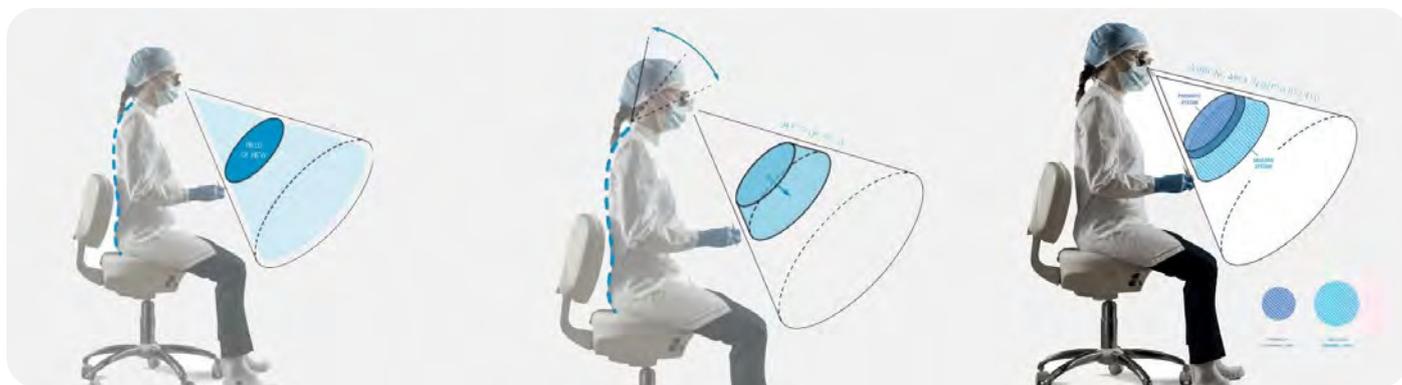
## Field of view and depth-of-field

Univet Pro HD loupes are built with the highest optical quality. Every detail is carefully assessed and measured to provide perfect visual acuity and set the benchmark for high performance loupes.

Univet HD loupes have a large field-of-view and depth-of-field to provide a sizeable working area that remains sharply focused, even when posture needs to be adjusted.

Their clarity refracts light accurately to the user's retina so no resolution is lost to the magnification.

In addition, the Pro HD lenses are chromatically and spherically corrected, minimising distortion caused by magnification. The resulting colour seen when looking through the lens is finely tuned to accurately mimic the naked eye.

**1.** Gaowgzeh RA, Chevidikunnan MF, Al Saif A, El-Gendy S, Karrouf G, Al Senany S. *Prevalence of and risk factors for low back pain among dentists.* Journal of physical therapy science. 2015;27(9):2803. Available at: https://doi.org/10.1589/jpts.27.2803 PMid:26504297 PMCid:PMC4616098.

**2.** Wade, J., 2021. *Quarter of a million Irish fail to seek help for debilitating back pain - survey.* [online] TheJournal.ie. Available at: <https://www.thejournal.ie/quarter-of-a-million-irish-fail-to-seek-help-for-debilitating-back-pain-survey-375927-Mar2012

## Better posture

Magnification systems improve accuracy in dental and surgical procedures. Over time these systems provide ergonomic benefits because they prevent unnecessary stooping and hunching, prolonging performance in the working day as well as the vet's whole career.

## Protection coatings

Univet HD loupes have a built-in filter that protects your eyes from powerful glares from surgical lamps, teeth and instruments. Three declination angles are available to suit different veterinary disciplines, including dentistry, ophthalmology, and orthopaedics.

**Standard Filter**
Glare susceptibility, affecting work field and refraction of strong light on user's eyes.

**Univet Filter**
Protection from powerful LED light glare on mirrors, teeth and instruments.

## Weight distribution

Univet HD loupes have an integrated lightweight design. Every part of the loupe is designed and manufactured by Univet for a comfortable frame that evenly distributes the weight.

Unlike other loupes, where most of the weight is concentrated on the nose, the weight of Univet loupes is equally balanced across the nose, head and ears thanks to a comfortable frame that hugs your head and evenly distributes the weight. This makes them extremely light to wear without discomfort on the nose during long procedures.
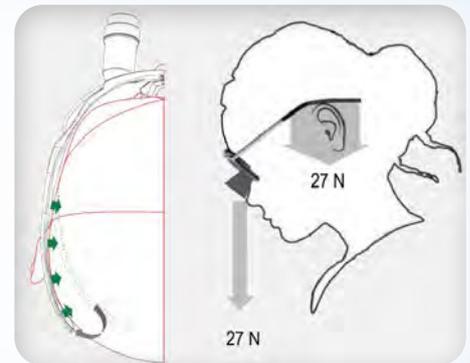
## In-house prescription

More than 50% of loupe users wear glasses, and to make things easier, your prescription can be built directly into the loupes, allowing clear vision both through the lenses and in your surroundings.

Customisation is the key to good ergonomics and ordering a pair of custom loupes couldn't be easier.

**There are only five details we need:**

- Your pupillary distance, measured on infinity. This can be done by your local optician.
- Your working distance. This is the distance from your eyes to where your hands normally rest during surgery while sitting in an upright position.
- Chosen magnification.
- Preferred colour.
- Your eye prescription (if applicable).

## Style

**Fabio Borsani**, the international award-winning designer, has created some of the most famous eyewear models for luxury brands including Louis Vuitton and Martin Margiela. He designed the first sports models for Zero RH+.

All Univet glasses bear his signature.

*2019 Good Design® Award winning ITA frames now supplied exclusively by iM3 in the veterinary market.*

*2020 Red Dot Product Design Award winner for EOS Wireless Headlight System.*

**ACCESSORIES**

## Quick Loupes

Combining quality with convenience, Quick Loupes are semi-customised loupes. Available in set working distances of 350 mm or 400 mm, you can choose the range in which your pupillary distance (PD) measurement falls into. This reduces both the cost and the wait time for your loupes to be built while still providing a suitable PD and the same high quality for long-term ergonomic use.

All Quick Loupes come in platinum with 2.5x lenses as the recommended magnification for dentistry.

| SIZE | PD RANGE COVERED | CAT. CODE |
| --- | --- | --- |
| S – 350 mm | 58–62 | QL60S35P |
| M – 350 mm | 62–66 | QL64M35P |
| L – 350 mm | 66–70 | QL68L35P |
| S – 400 mm | 58–62 | QL60S40P |
| M – 400 mm | 62–66 | QL64M40P |
| L – 400 mm | 66–70 | QL68L40P |

## Custom Loupes

Custom Loupes are available in three colours. Magnifications are available from 2.0× to 5.0×, with working distances of 300, 350, 400, 450, and 500 mm. This wide range of customisation, combined with optional prescription lenses, offers a suitable pair of loupes for every veterinary discipline, from dentistry to ophthalmology.

"Larger field of view than my previous loupes which made only 0.5."

"Fitting process was the best I've ever experienced."

"Crisp detail and perfect precision."

"Very ergonomic, light frame."

"Great headlight that is superior to others I have used".

PLATINUM

DARK PLATINUM

GREEN VESPA

Cat. Code

## Headlights

### EOS Wireless

KKA138118

Compact and lightweight wireless design, high-performance lighting, aseptic and touch controls.

- 38,000 lux at 35 cm
- Battery life: 140 minutes
- Weight: 36 g
- Includes: Universal magnetic adaptor and composite filter (UV 525)

### Univet EOS Next Loupe Light

KKA140518

EOS NEXT features cutting-edge illumination technology, a high definition light post, and extended battery life at maximum intensity; moreover, the Univet Connect app acts as a remote control, with international recognition for Univet apps.

EOS Next provides a LED light at 5700 Kelvin, a 'cold white light' similar to natural daylight that optimises contrast and helps improve visual clarity and working comfort. It is the ideal light for dental and surgical fields, where accuracy and precision are vital.

EOS Next has a 90% Colour Rendering Index (CRI-90), ensuring a light source that faithfully reveals object colours and provides optimal depth illumination.

The Univet Connect app can remotely control the EOS NEXT headlight by switching it ON/OFF, selecting different light intensity levels, and monitoring the battery charge status.

**Features:**

- Blue light compliant
- Colour temperature: 5700 K
- Brightness: 50,000 lux
- Battery life at max brightness: 9 h
- Headlight weight: 25 g

### Magnetic adaptor for model ITA

KZ41718

Magnetic adaptor for using an EOS light with Univet HD Loupes.

**Note:** when ordering one of the lights with Univet HD Loupes, please add an ITA magnetic adaptor.

Aseptic Control          Touch Control          Save Battery

ACCESSORIES

# vetCam



## vetCam - Dental Education Cameras

Videos enhance veterinary care with *vetCam*'s integrated platform for capturing, storing, and sharing animal health content. It streamlines workflow, enables remote treatment monitoring, and aids in education and collaboration.

Cat. Code

### smartCam – 4k Camera
**SMCS251**

Our first 4K auto focus camera is designed for optimal light mount performance. The fast auto focus and pristine image quality with a *Sony IMX415* sensor allows for even easier operation. The *smartCam* is a great choice for high-level documentation, communication, and live streaming for educational and clinical cases.

- The only medical 4K light mounted auto focus camera
- Retrofits to most lights on the market
- Always ready to use
- Hands free operation, USB Connection
- 4K / 1080p / 720p @ 30 fps; 8.3 MP photos

### microCam XS – 1080p Camera
**MCCX253**

So light you can barely feel it! *Futudent*'s tiny new entry-level loupe mounted camera for education and learning is easy to use for all-day basic imaging needs.

- The smallest and lightest medical Full HD loupe camera
- Optimised for loupe mounted POV (point of view) filming
- Only 11 grams
- Optional customised light adapter
- USB connector
- 1080p / 720p @ 30 fps; 2 MP photos

### proCam XS – 4k Camera
**PRCX252**

A miniature camera with powerful 4K features for loupe or light mounting. The *proCam XS* is half the size of the previous generation and boasts a *Sony IMX 415* sensor for pristine video and still images. It weighs only 14 grams and features manual focus to ensure 100% clarity when used in a loupe-mounted setup.

- Medical 4K miniature loupe camera
- Only 14 grams
- Mounts to most loupes and lights (optional attachments)
- Optional customised light adapter
- USB connection
- 4K / 1080p / 720p @ 30 fps; 8.3 MP photos

### Futudent Lens 25 mm UHD – 4x magnification
**ACCL2502**

- High light conditions
- 25 mm lens for Futudent cameras

### Futudent Camera Goose Neck
**UX012GOS**

A goose neck flexible arm – 60 cm with C-clamp adapter to attach the arm to counters, chairs or other fixtures.

Ideal for hands-on sessions, point-of-view filming and close-up work.

**ACCESSORIES**

Cat. Code

## VistaCam iX HD Smart

**DCAM001**

The VistaCam iX HD Smart intra-oral camera with its narrow, rounded head enables easy access even to the rear molars. Controls on both the top and bottom of the device provide ideal support for your workflow and ensure that there is no need to change your grip. A motion sensor automatically switches the camera on and off, improving efficiency. The lenses of the interchangeable heads have durable protective glass for a long service life.

- Brilliant HD image quality even in video mode
- Infinitely variable autofocus for everything from macro to extraoral images
- Software evaluation to detect caries lesions and display plaque (Proof interchangeable head)
- Diagnostic aid for detection of proximal caries without any radiation exposure (Proxi interchangeable head)

Provides maximum image quality for the most demanding requirements. With real HD resolution and the new integrated sharpness filter, the camera system will deliver crystal clear and high-contrast images even on large monitors.

Thanks to the infinitely variable autofocus, images can be captured exceptionally quickly and easily, regardless of whether you need intraoral, extraoral or macro images. With the new VistaCam iX HD Smart, you can also watch live videos in the same HD resolution as photos. Two LEDs provide optimised and homogeneous illumination.

### SPECIFICATIONS

| | |
|---|---|
| **Connections** | USB 2.0 (USB 3.0 compatible) |
| **Multi-user application** | Plug & play |
| **Activation** | Via button located on handpiece (top and bottom) that vibrates when pressed |
| **Handpiece weight** | 70 g |
| **Handpiece length** | 200 mm |
| **Cable length** | 2.5 m (optional extension up to 19 m via active holder with USB hub and repeater cable |
| **Power supply** | USB (5 V) |
| **Sensor** | High performance CMOS Sensor |
| **Driver** | Uses standard Windows drivers, NO additional drivers needed |
| **Resolution** | 1280 pixels (H) x 1024 pixels (V) |
| **Illumination** | 2 LEDs each for: Cam (white), Proof (405 nm, violet), Proxi (850 nm, infrared) |
| **Optical system** | Lenses with protective glass, infinitely variable autofocus |

ACCESSORIES

# 04 CONSUMABLES

**CLS Solution**

**Prophy Angles and Paste**

**Throat Packs**

**Suction Tips**

**Surgical Blades**

**OralVive**

**Sponges**

**Bone Grafts and Substitutes**

**Disinfection**

**Veterinary Dental Burs**

**CONSUMABLES**

### iM3 iC Plaque – 72-pack

**H1001**

The iM3 iC Plaque Indicating Swabs are quick and easy to use. They show when plaque is present on teeth. Simply roll the swab gently across the teeth at the gum edge and the plaque stains pink to indicate germ-filled layers on the teeth. This is a visible sign of periodontal disease that is easily demonstrated to the client.

- Plaque is the cause of periodontal disease
- IC Plaque highlights where plaque is present – you will be surprised by how much there is!
- Helps to paint a picture of the animal's oral health for the owner
- Saves time when used during scaling, by first showing the plaque and then ensuring it has all been removed
- Will increase dental procedures within the clinic
- Quick and easy to use
- Excellent training tool
- Convenient dispenser box

### CLS Solution 250 mL Concentrate

CLS is a uniquely formulated dental concentrate designed to reduce bur cutting time and mask mouth odours (spearmint). It contains chlorhexidine and can be used in the water supply of any dental machine or ultrasonic scaler. When used at the correct dilution with distilled water, CLS is guaranteed not to block the water lines or coolant system of the dental machine. Easy to mix: just add distilled water to 1 bottle of CLS (250 mL) to make 1 L of working solution. Used and recommended in iM3 dental machines.

**iM3 CLS Solution is only available from iM3 and iM3 distributors. Accept no imitations!**

This product is sold in a 6-pack.

*Disclaimer: Only CLS Solution should be used in your iM3 dental machine to ensure no damage is caused to stainless steel components. Use of third-party water additives may cause damage to your iM3 dental machine and may void your warranty.*

Now supplied in a recyclable bottle made from 30% recycled plastic. The plastic cap can also be recycled.

**Recyclable Bottle & Cap**
30% recycled plastic used in bottle

| **CLS Solution 250 mL Concentrate – Single** | **C3150** |
| **CLS Solution 250 mL Concentrate – 6-pack** | **C3150-6** |

### WORLD SMALL ANIMAL VETERINARY ASSOCIATION GLOBAL DENTAL GUIDELINES

*Journal of Small Animal Practice • Vol 61 • July 2020 • © 2020 WSAVA*

Chlorhexidine has been proven to have efficacy as an oral antiseptic which may reduce plaque, especially as a perioperative or pre-prophylaxis rinse (Roudebush et al. 2005).

**CHLORHEXIDINE LAVAGE:** The oral cavity is a contaminated area and thorough dental cleanings are mildly invasive. This means that dental cleanings result in a transient bacteraemia, which is more severe in patients with periodontitis (Daly et al. 2001; Forner et al. 2006; Lafaurie et al. 2007). Dental cleanings cause bacterial aerosolization and contamination of the office environment when ultrasonic instruments are used. Rinsing the oral cavity with a 0.12 or 0.2% solution of chlorhexidine gluconate prior to commencing the prophylaxis has been shown to decrease the bacterial load (Fine et al. 1992; Bellows 2004).

AUTHORS: B. NIEMIEC, J. GAWOR, A. NEMEC, D. CLARKE, K. MCLEOD, C. TUTT, M. GIOSO, P. V. STEAGALL, M. CHANDLER, G. MORGENEGG, R. JOUPPI

### iM3 Oscillating Disposable Prophy Angle

L7466

- 100 pieces

The iM3 Rock and Roll (R&R) prophy angles are ready to use, complete with soft rubber prophy cups. The R&Rs are pre-lubricated and iM3's unique blue colour is your guarantee of the prophy angle lasting a complete procedure. Traditional prophy angles spin 360°, wind muzzle hair, and generate excessive heat. The 60° reciprocating "back and forth" action of the prophy cup prevents the animal's muzzle hair from being tangled and allows the cup to have continuous contact and pressure on the tooth surface. The reciprocating action also reduces heat and friction on the tooth.

Guaranteed not to catch hair or whiskers!

### iM3 Twister Prophy Angles

L7460

- 100 pieces

The new iM3 Twister Disposable Prophy Angles are supplied with a soft ribbed and webbed latex-free cup. These premium-quality, individually packed, prophy angles are designed with unique gearing for ultimate smoothness. Guaranteed not to dislodge the cup during use, the cup rotates 360° during use. *Single use only.*

### iM3 Twister Disposable Snap-on Prophy Cups

P4640

- 100 pieces

iM3 replacement disposable snap-on prophy cups.

### RA Mandrel for Snap-on Prophy Cups – 6-pack

MAND06

### iClean Prophy Paste Fluoride Free Cups - Medium 100 x 2 g

iClean Paste has been specially formulated for animals. Use with iM3 Oscillating Prophy Angles L7465 and L7466. Convenient to use; individual cups to help reduce cross-contamination and minimise the transfer of viruses between animals.

- Available in peppermint and bubblegum flavours
- Fluoride-free
- Packaged in a convenient bag of 100 x 2 g individual units
- Finger holder supplied

### iClean Prophy Paste Cups (100 x 2 g) – Peppermint

L7510

### iClean Prophy Paste Cups (100 x 2 g) – Bubble Gum

L7610

### Additional Finger Holders Available

L7701

### iClean Prophy Paste - Medium - 200 g Tub

iClean Prophy Paste is a premium-grade, fluoride-free paste with a refreshing Peppermint or Bubblegum flavour, specifically designed for veterinary use. iClean Prophy Paste uses aluminium oxide as opposed to traditional pumice. This allows us to formulate a better-quality product with controlled particle size.

### iClean Prophy Paste – Medium – Peppermint Flavour

L7500

### iClean Prophy Paste – Medium – Bubblegum Flavour

L7600

**CONSUMABLES**
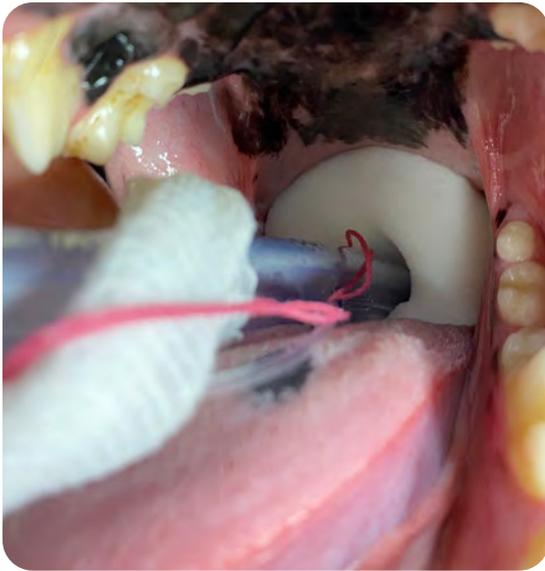
## Aspir-Guard™ Throat Packs

Aspir-Guard™ prevents fluids and dental debris from being accidentally aspirated during a routine dental procedure.

Numerous publications and textbooks state that the standard of care requires a barrier material to block the oropharynx and prevent aspiration of fluids that accumulate during dental procedures.

Aspir-Guard™ is a dehydrated PVA donut-shaped guard that, when rehydrated, has a soft, gentle, sponge-like feel. The rehydrated Aspir-Guard is placed over the distal end of the ET tube prior to intubation. The attached strings are used to fasten the Aspir-Guard™ to the anaesthetic tie that secures the ET tube to the patient.

After the patient is intubated, the Aspir-Guard™ is moved into place to block the oropharynx from fluid aspiration. Once the procedure is complete, the Aspir-Guard™ is gently removed together with the ET tube.



Securing Loop · Oropharynx · Pharynx · Trachea · Connecting Port · Endotracheal Tube · **Aspir-Guard™** Strings · **Aspir-Guard™** · Cuff · Tracheal End





CONSUMABLES
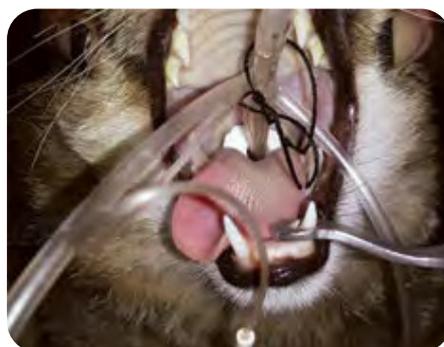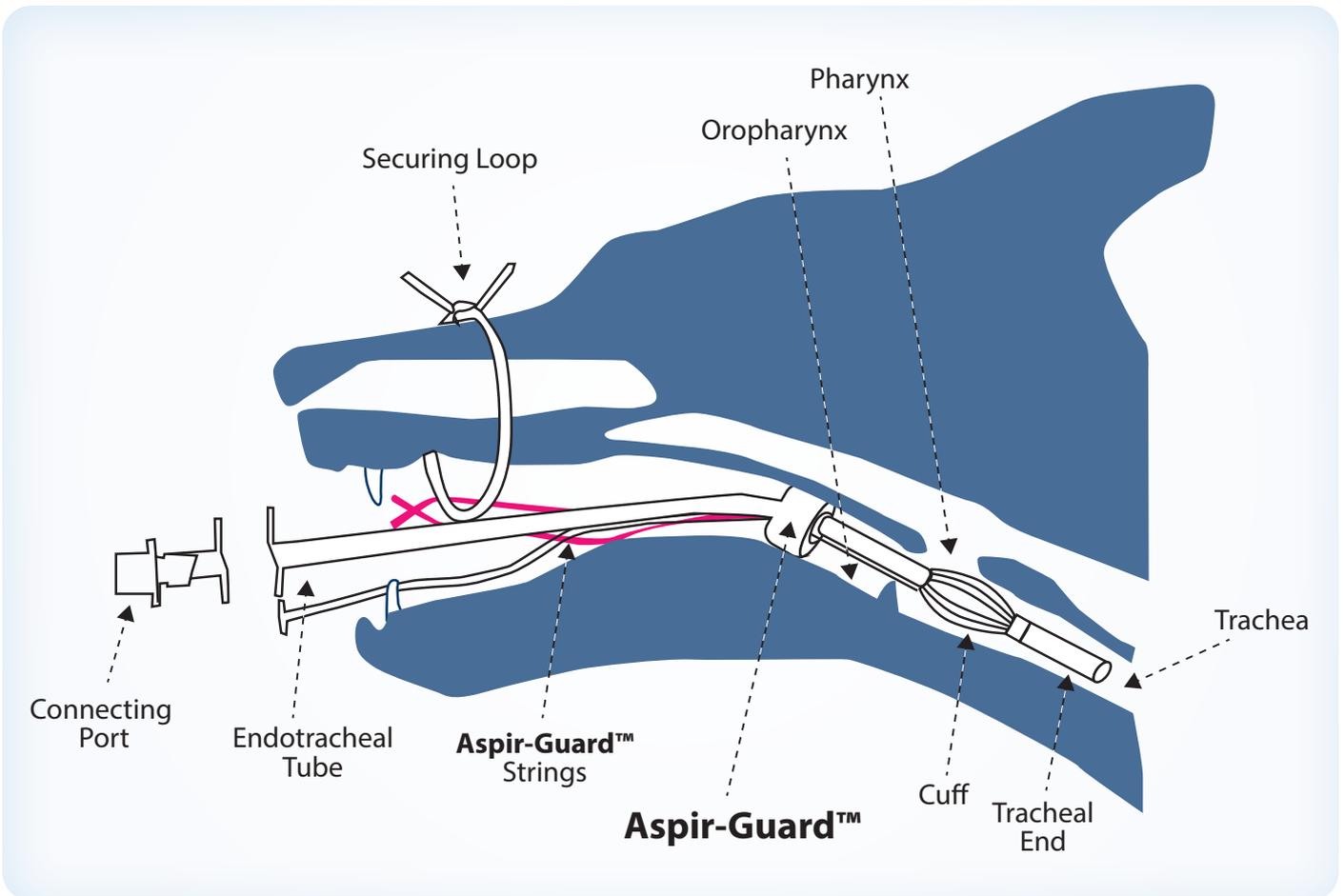
### Aspir-Guard™ Large – 3 Pieces — AGL30PK

- **Thickness:** 30 mm
- **Diameter:** 50 mm
- **Hole Size:** 12 mm, fits tubes 9.0–10.0 mm ID

### Aspir-Guard™ Medium – 3 Pieces — AGM26PK

- **Thickness:** 25 mm
- **Diameter:** 40 mm
- **Hole Size:** 9 mm, fits tubes 6.5–8.0 mm ID

### Aspir-Guard™ Small – 3 Pieces — AGS23PK

- **Thickness:** 20 mm
- **Diameter:** 30 mm
- **Hole Size:** 6 mm, fits tubes 3.5–6.0 mm ID

### Aspir-Guard™ – 9 Piece Pack — AGA33PK

- Set containing all three sizes (three of each)



**CONSUMABLES**

Cat. Code
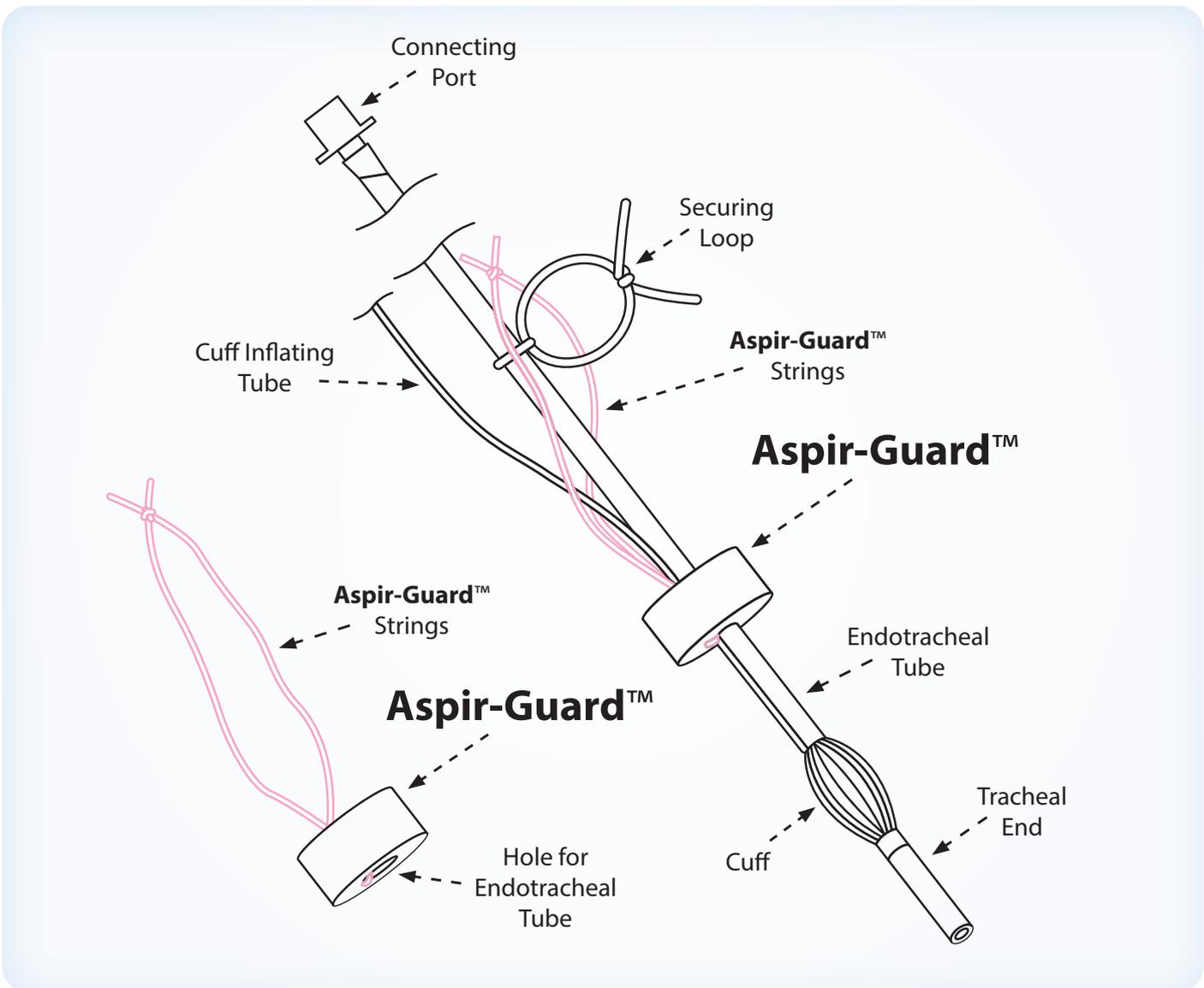
## Standard Suction Tips

Thin-aperture suction tips for iM3 dental units.

Sold in packs of 5, these tips are intended for single-use and can be autoclaved (up to 134°C) for pre-sterilization.

### Suction Tips Thin – 11 mm Fitting – 5-Pack     P8820

### Suction Tips Thick – 11 mm Fitting – 5-Pack     P8828

These suction tips have an 11 mm fitting and therefore require an adaptor to be compatible with some dental units. Please refer to the table below:

| DENTAL UNIT | ADAPTOR(S) REQUIRED |
| --- | --- |
| iM3 Elite | No adaptor required |
| iM3 Pro S Standard Suction | SURG11 |
| iM3 Pro S Retrofit Suction | No adaptor required |
| iM3 Pro X | SURG11 |

## Advanced Suction Tips

Curved tube suction tips are specifically designed for use with iM3 Pro S and iM3 Pro X units. Featuring a 16 mm aperture, these tips are ideal for small dogs or cats. They are ergonomically designed to ensure optimal handling and are sturdy enough to facilitate cheek retraction.

Sold in packs of 10, these tips are intended for single-use and can be autoclaved (up to 134°C) for pre-sterilization.

These suction tips have a 16 mm fitting and are therefore only compatible with the iM3 Pro X and iM3 Pro S built-in suction handpieces. Please note that this does not include Pro S units with retrofit suction.

These suction tips are not compatible with iM3 Elite units.

### Suction Tips Small – 16 mm Fitting – 10-Pack     IM006P

### Suction Tips Medium – 16 mm Fitting – 10-Pack     IM500M

### Suction Tips Large – 16 mm Fitting – 10-Pack     IM500L

### Suction Tips Saliva Ejector – 6.5 mm Fitting - 100 Pack     IM300W

Suction Tip 6.5 mm

Suction Tip 11 mm

## Suction Tips Adaptors

### Suction Tips Adaptor – 11 mm to 6.5 mm     SURG65

Adaptor for 11 mm suction handpieces to fit 6.5 mm suction tips.

### Suction Tips Adaptor – 16 mm to 11 mm     SURG11

Adaptor for 16 mm suction handpieces to fit 11 mm suction tips.

11 mm Suction Handpiece

16 mm Suction Handpiece

Cat. Code

### Sterile Suction Tube and Handpiece

**S260010**

iM3 has developed a unique pre-sterilised Yankauer suction set. The handpiece and 150 cm (60") long suction tubing are complete and ready to use for sterile surgical/dental procedures.

Remove the existing dental suction tube (cream in colour) from your iM3 dental machine. Open the new sterile suction pack and simply push the new sterile suction tube onto your iM3 dental machine. Operate the suction using the suction foot pedal on your dental machine. Sold in packs of 10 (sterile suction sets).

Compatible with iM3 Elite, and retrofit suction units.

### Surgical Blades

Single-use blades, sterilised using gamma radiation 25 kGy.

▪ Made from carbon steel
▪ Box of 100 individually wrapped blades
▪ For use with iM3 Scalpel Blade Holder - T1400

**Size 11**

**Size 12**

**Size 15C**

| | |
|---|---|
| **Surgical Blades – Size 11 Box of 100** | SCP11Z |
| **Surgical Blades – Size 12 Box of 100** | SCP12X |
| **Surgical Blades – Size 15C Box of 100** | SCP15C |
| **iM3 Scalpel Blade Holder** | T1400 |

**Blade Holder**

www.im3vet.com T1400

The new and improved iM3 scalpel holder with a round handle is more ergonomic than the standard flat handle, providing greater control during use. Fits blades sizes 10, 11, 12, 12B, 15 & 15C.

### iM3 Surgical Suture

Poliglecaprone 25 is the material of choice across specialties for subcuticular closure. iM3 sutures provide wound support up to 14 days and are absorbed by hydrolysis (within 90 days of implantation).

▪ 12 pieces per pack
▪ Undyed, clear colour
▪ Excellent tensile strength with improved handling
▪ Minimal scarring with optimal cosmesis
▪ Minimal tissue reaction with predictable absorption rate
▪ Smooth knot tie-down with excellent knot security
▪ Excellent support during critical wound healing period

| | |
|---|---|
| **iM3 Surgical Suture 4.0 – Circle Cutting** | SM40 |
| **iM3 Surgical Suture 5.0 – Circle Cutting** | SM50 |
| **iM3 Surgical Suture 4.0 – Reverse Cutting** | SM40R |
| **iM3 Surgical Suture 5.0 – Reverse Cutting** | SM50R |

**CONSUMABLES**

# ORALVIVE™

Physical barrier gel for topical application to teeth and gums

**Cat. Code**
**GSP001A**

**OralVive™ is a 0.8% hyaluronic acid gel formulation (pH 6.5–7.5), supplied as 3 ml of gel in a 3 ml pre-filled capped Luer-lock syringe with four separate applicator tips per pack.**

Hyaluronic acid (HA) is a naturally occurring biomaterial that has been proven safe and effective in both humans and dogs for a variety of indications, including dentistry.

- Dental applications of HA have shown statistically significant efficacy in 5+ canine studies and 100+ human studies.

- 1 syringe + 4 spare tips for application are included.

- OralVive™ consists of a pre-filled tissue applicator containing HA for convenient and precise delivery to tissues.

- Simple to use.

## *OralVive™ contains fewer synthetic agents and no dyes, making it gentle on sensitive oral tissues.*

### Results (3 months)
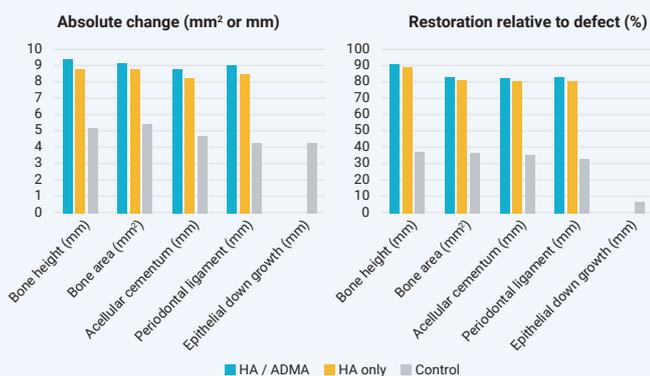


*Tella et al., 2023*

| AUTHOR AND YEAR | INDICATION |
|---|---|
| Tella et al., 2023 | Class II furcations |
| Shirakata et al., 2022 | Class III furcations |
| Shirakata et al., 2021 | Gingival recessions |
| Shirakata et al., 2021 | Two-wall intrabony defects |
| Kim et al., 2016 | Infected extraction sockets |

*All studies conducted via split-mouth design (i.e. self-control)*

Hyaluronic acid works to improve tissue recovery via multiple mechanisms of action, including:

- Supporting normal cellular infiltration

- Stabilising blood clotting

- Establishing microbial barrier to support tissue healing and recovery



Coronally Advanced Flap

Coronally Advanced Flap + Hyaluronic Acid

Baseline · 2 weeks · 10 weeks

*Shirakata et al., 2021*

CONSUMABLES

# *Hyaluronic acid 0.8% in poloxamer gel - for veterinary dental use only.*
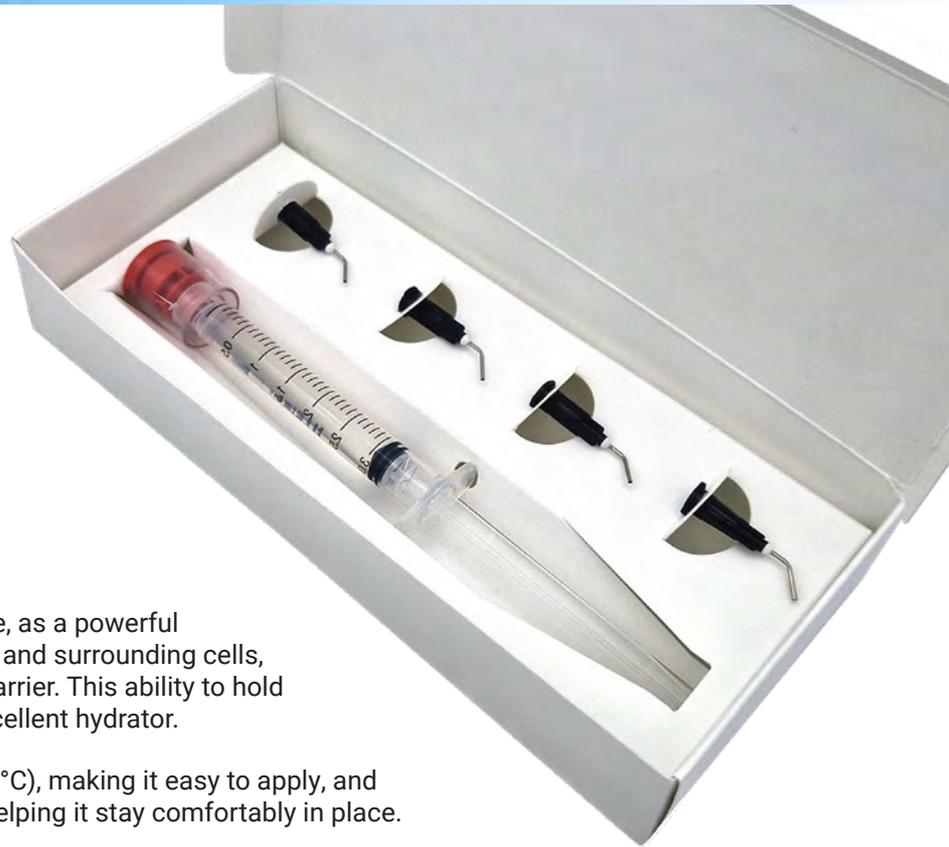
## How does it work?

Hyaluronic acid adheres to soft tissue because, as a powerful humectant, it attracts and binds water to itself and surrounding cells, helping to hydrate and strengthen the tissue barrier. This ability to hold 1,000 times its weight in water makes it an excellent hydrator.

Poloxamer is liquid at cold temperatures (2–8 °C), making it easy to apply, and forms a gel at body temperature (36–37 °C), helping it stay comfortably in place.

Canine studies demonstrate statistical improvement across a range of endpoints - after just a single application:

**Decreased:**

↓ Gingival recession

↓ Probing pocket depth

↓ Epithelial down growth

↓ Pain post periodontal therapy and tooth extraction

↓ Bleeding on probing

**Increased:**

↑ Bone formation

↑ Cementum formation

↑ Connective tissue attachment

↑ Ligament attachment

↑ Pocket filling post-extraction

↑ Rate of wound healing

**CONSUMABLES**

# iM3 Airgid Haemostatic Gelatin Collagen Sponges
## with Silver (20 pieces of 10 x 10 x 10 mm)

Airgid is a gelatin sponge containing colloidal silver that can be used to prevent wound infection and post-extraction bleeding. Unlike pure gelatin sponges, the presence of silver provides antibacterial activity throughout the absorption period.

- Prompt surgical haemostasis
- Coagulum support
- Broad antibacterial effect
- Complete resorption

## Indication

Haemostatic Gelatin Collagen Sponges with Silver.

## Benefits

Prompt achievement and maintenance of surgical haemostasis is essential for successful wound healing. Normal healing is initiated by the formation of a coagulum that closes the wound. If the coagulum is not formed or if it is destroyed or lost, healing is disturbed.

Using Airgid promotes the formation of the blood coagulum and reduces the risk of its disruption, allowing productive healing to begin.

## How it works

Airgid works to prevent wound infection as well as control primary, reactionary and secondary post-extraction bleeding.

When applied, an Airgid sponge can absorb more than its own weight in blood, reducing the 'dead space' of the wound and stabilising the blood coagulum. This is the first step in gaining haemostasis. Primary haemorrhage is arrested as the Airgid fits snugly into the cavity.

Reactionary haemorrhage is deterred as the close-fitting Airgid prevents gaps and secondary cavities from forming when the blood coagulum contracts.

Airgid helps to prevent secondary haemorrhage which is usually caused by infection and can occur up to fourteen days post-surgery. The silver ions of the colloidal silver, which is bound to the gelatin sponge, are activated and as they are highly responsive to the moist environment, they readily reduce the presence of bacteria at the site. As the sponge is resorbed, the silver continues to be released extending the antibacterial effect, preventing infection and further promoting healing. Local delivery of the silver directly at the intended site of action means less systemic circulation and reduced risk of systemic side effects.

## How to use Airgid

Once the tooth has been extracted and the site has filled with blood, dry Airgid is applied into the wound. Airgid can be cut to size to fit snugly but should not be compressed.

The sponge will fill with blood and immediately encourage the formation of a blood coagulum and help stop bleeding. There is no need for further irrigation as the placement of Airgid serves as treatment of the alveolus. If required, the wound can now be sutured with Airgid in place. Keep lid tightly closed for longer shelf life.

**AIR10**
10mm x 10mm x 10mm
(1000 mm³)

**AIR20**
20mm x 20mm x 20mm
(8000 mm³)



**Extraction site in an equine patient**



**Extraction site of tooth 209**



**Extraction site filled with Airgid before suture closure**

CONSUMABLES

Cat. Code

### iM3 Airgid Small 10mm³

AIR10

- 20 pieces

Single container containing 20 pieces of iM3 Airgid.

### iM3 Airgid Large 20mm³

AIR20

- 20 pieces

Single container containing 20 pieces of iM3 Airgid.

"

*Airgid is a gelatin collagen sponge that's impregnated with silver. It's very handy for stopping bleeding after dental extractions.*

*Once you have completed an extraction, you can place an Airgid sponge in the dental alveoli and it will stop the bleeding. It also acts as an antibacterial. Each Airgid sponge can absorb more than its own weight in blood. The gum can be sutured over the extraction site as the sponge will be absorbed by the body. Additionally, it promotes bone growth in the empty socket.*

*Even though they come in two sizes, they can be cut down if needed. It makes surgery much easier when it's difficult to control bleeding in a tooth socket. There are not many things that so quickly and efficiently stop bleeding when you're busy operating. The sponge expands, stops the blood and allows you to visualise the surgery clearly.*

*After all dental procedures requiring extractions, we recommend soft food but it really depends on how many teeth are extracted. There are usually gingival sutures placed, thus it's important to avoid things like bones and hard chew toys.*

*Airgid is a great product designed specifically for dental extractions. It stops bleeding, supports coagulation, acts as an antibacterial and is completely absorbed over time. Airgid comes in small and large sizes with 20 pieces per container.*

**Dr Anna Keating**
Wyndham Veterinary Clinic, Werribee, VIC

"

*These newly designed haemostatic sponges are the perfect size for equine dental use and over the past three months we have used them in a number of cheek tooth, incisor and canine alveoli.*

*Placing these immediately post extraction now forms part of our standard procedure for alveolar socket management and so far we have received excellent feedback from referral clinicians re-examining sockets at a later date.*

**Chris Pearce**
Equine Dental Specialist and Director at EDC Ltd.

"

*I have used the 20mm³ Airgid sponges on several occasions to pack the alveolus following tooth extraction. I am very pleased with the degree of granulation and lack of unpleasant odour at follow up, compared to other packing methods.*

*I also like the fact that they are dissolvable, so there is no concern about them being placed right at the apex where packing might be difficult to retrieve. Additionally, their size is very convenient for equine use.*

**Sam Baker**
BVSc CertAVP(ED) MRCVS

**CONSUMABLES**
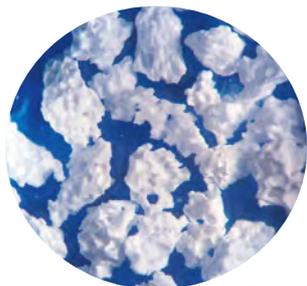
## SYNERGY - Pure Synthetic Bone Graft

### Effective Bone Graft Substitute

Perfect for dental applications. Ideal auto or allograft extender.

### Radiodense

Clearly evident on radiographic images, allowing visualisation of bone graft placement.

### Affordable

The price conscious solution for periodontal or orthopedic bone void filling.

### Innovative, Convenient Packaging

Cat. Code

**Synergy Mini Vials – 4 cc**          SD8X05CC
**(8 x 0.5 cc doses)**

Synergy is an advanced biosynthetic bone graft comprised of calcium phosphates that occur naturally in real bone. It is a biphasic combination of β-Tricalcium Phosphate (β-TCP) and Hydroxyapatite (HA).

Advanced Formulation - Biphasic Synergy is composed of biocompatible β-TCP and HA[1] sintered together. The ratio is optimised for swift transformation into new bone throughout the graft.

- 85% resorbable β-TCP
- 15% structurally stable HA

Balanced Remodelling - Synergy works with the body in two integrated phases:

**Phase 1:** β-TCP simultaneously resorbs as new bone is formed[2], remodeling throughout the graft

**Phase 2:** HA microparticles slowly resorb, providing an osteoconductive scaffold

Cancellous-like, Osteoconductive Morphology - Synergy's structure is the architectural equivalent of cancellous bone.

- Interconnected porous structure encourages stem cell migration, proliferation and differentiation into osteoblasts[2]
- Provides for an adequate flow of nutrients to enhance new bone formation[3]

These intelligent bioactive materials have the proven ability to stimulate bone formation.[3] The β-TCP quickly releases calcium ions[4] that cause clotting and release of platelet-derived growth factors. This cascade of mineral release and blood clotting provides the perfect environment for stimulation of bone healing.

The cancellous-like porosity and surface structure encourage inward cell migration. As the β-TCP resorbs more space is created to support angiogenesis and bone formation[1]. The micro particles of HA provide a more long lasting osteoconductive structure.

### Indications:

- Filling, bridging and/or reconstruction of non-weight-bearing bony defects.
- Void filling/extraction sites
- Periodontal pockets / other bone loss
- Fracture repair
- Cysts/other osseous defects

### References:

1. Farina et al., In vivo behaviour of two different biphasic ceramic implanted in mandibular bone of dogs. J Mater Sci: Mater Med 19:1565-1573, 2008

2. Spivak JM, Hasharoni A. Use of hydroxyapatite in spine surgery. Eur Spine J. 10: S197-S204, 2001

3. Habibovic P, de Groot K. Osteoinductive biomaterials –properties and relevance in bone repair. J Tissue Eng Regen Med. 1: 25-32, 2007

4. Daculsi et al., Transformation of biphasic calcium phosphate ceramics in vivo: ultrastructural and physicochemical characterization. J Bio Mat Res 23:883-94,1989

**CONSUMABLES**

Cat. Code

## Osteoallograft® Periomix®

125 – 710 micron particle size

Osteoallograft Periomix consists of osteoinductive Demineralised Bone Matrix (DBM) and osteoconductive cancellous chips.

**Used for:**

- Tooth extractions
- Furcation defects
- Bone loss
- Mandibular fractures

| | |
|---|---|
| **Osteoallograft® Periomix® – 0.3 cc** | CBPFD03 |
| **Osteoallograft® Periomix® – 0.5 cc** | CBPFD05 |
| **Osteoallograft® Periomix® – 3 cc** | CBPFD30 |
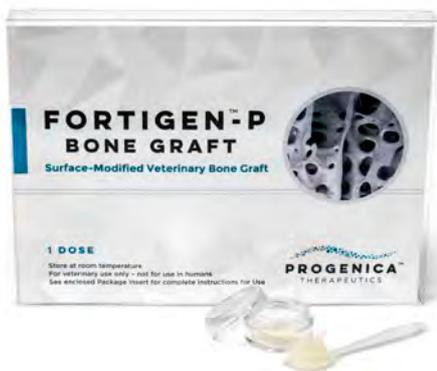
## Fortigen™-P Bone Graft · FORTPFD1

Augmented Allograft with Engineered Surface Modifications.

125 – 710 micron particle size.

Osteoinductivity enhanced to levels similar to BMP-2, offering robust bone healing and high osteoinductive performance among bone-based graft materials.

For use:

- In orthopaedic or dental cases
- Anywhere a graft is indicated
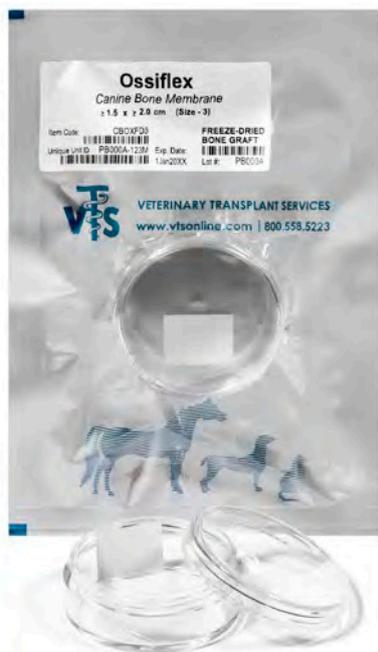
## Ossiflex*

Thin, flexible, demineralised bone sheets, used for:

- Guided tissue regeneration
- Fracture wrapping
- Retaining particulate graft
- Cranio-maxillofacial repairs
- Oronasal fistulae
- Cleft palates
- Craniotomies and other neurosurgical procedures

Specialty Bone Grafts can be trimmed and shaped in the operating room to fit your individual patient's needs.

| | |
|---|---|
| **Ossiflex – Size 1 – 1.0 x 1.0 cm** | CBOXFD1 |
| **Ossiflex – Size 2 – 1.0 x 1.5 cm** | CBOXFD2 |
| **Ossiflex – Size 3 – 1.5 x 2.0 cm** | CBOXFD3 |
| **Ossiflex – Size 4 – 2.0 x 3.0 cm** | CBOXFD4 |

*Historically, most Ossiflex™ has been canine-sourced. "Due to a shortage of suitable canine donors for Ossiflex™ graft processing, recent batches may be either canine- or equine-sourced. For more information on the use of equine Ossiflex™ across a variety of species as xenografts, please see the "Cross Species Use" information on the Ossiflex product page on our website.

CONSUMABLES

# iM3® STRAW

**Cat. Code**
**PS001**

SAFE.
SIMPLE.
STERILE.

**365 days worry-free waterline treatment for use in dental unit coolant bottles.**

**Built-in shock treatment and internal pre-treatment reduce impurities in water.**

### Simple

- Compatible with any size dental bottle*
- Installation takes only a minute with the new Luer-lock fitting
- For use with distilled water

### Powerful

- Built-in shock treatment
- Internal pre-treatment reduces impurities in water

### Reliable

- Significantly reduces human error
- Continuous disinfection for 365 days
- Includes a Luer-lock fitting to prevent incorrect installations

### Safe

- Non-toxic and non-corrosive
- Does not adversely affect composite bond strength
- Meets BMP compliance and does not contain oxidisers such as iodine or chlorine, which have been shown to release mercury into dental wastewater

*For veterinary use only.*

**CONSUMABLES**

## The Bacteria Problem

Biofilm is made up of odour-causing bacterial colonies that adhere to the internal plumbing walls in dental units. If not properly treated, all waterlines and valves become coated with bacteria that grow exponentially at room temperature and contaminate the water. The result is unpleasant odours and unsafe water.



**Local tap water**

**Distilled water straight from container**

**Distilled water through dental unit *before* iM3 Straw**

**Distilled water through dental unit *after* iM3 Straw**

*Not compatible with gardening-style pump tanks. Check with your sales representative if unsure.

# Continuous delivery of clean, safe water for one year.
# A safe-to-use, easy-to-handle, self-contained system.
# Saves time and cost!

## iM3 Straw - Maintenance Schedule

**Daily**

- Leave the full water bottle on the dental unit with water in the lines at the end of the day. The Straw releases residual disinfectant that is designed to be continually present in the bottle and the lines.

**Weekly** *(or to follow the weekend)*

- Remove bottle(s) and top off the water.
- Ensure the Luer-lock fitting is pushed completely into the pick-up tube and threaded tightly into the Straw. Improper removal of the bottle from the unit can unseat the Luer-lock.

**Monthly**

- We recommend the bottle be cleaned once a month.
- If using an ultrasonic scaler, run the ultrasonic scaler for sixty seconds. Due to the infrequent use of a scaler and the small volume of water used, the water inside the lines may experience longer periods of stagnation.

**Yearly**

- Replace the Straw with a new iM3 Straw and follow the shock treatment protocol outlined in the Straw directions.

## NEW iM3 Straw Ex

Now you can have all the great benefits of the iM3 Straw in a cartridge for use with external water. Introducing the new iM3 Straw Ex and Fitting Kit (*each sold separately*). Simply connect both ends of the fitting bracket to your water line and attach the iM3 Straw Ex cartridge.

Works great on iM3 Pro S and other dental units that have external water lines. Also provides a practical solution for non-iM3 dental units that do not use standard water bottles and therefore cannot operate with the iM3 Straw (**PS001**).

Note: While long-lasting protection is expected, the longevity of the iM3 Straw Ex is affected by both the quality and volume of water that passes through it.

*For veterinary use only.*

| | Cat. Code |
|---|---|
| **iM3 Straw Ex Cartridge** | **PS102** |
| **iM3 Straw Ex Fitting Kit** | **PS1KT** |

# BURS MADE SIMPLE

## A quick guide to iM3 burs for use in high-speed handpieces

## Friction Grip (FG) Standard-Length Burs

Normally used in high-speed handpieces. FG burs are usually 19–21 mm long and fit all standard high speed handpieces.

Maximum speed 400,000 rpm. Ideal for use in L7200 handpiece.

19–21 mm long

## Friction Grip (FG) Feline-Length Burs

Feline-length burs are like the standard-length friction grip burs, but with a shorter shank. Ideal for use in smaller mouths. Ideal for use in L7200 handpiece.

16 mm long

## Friction Grip (FG) Surgical-Length Burs

These burs are 25 mm long and used in suitable high-speed handpieces. The extra length provides greater access in hard to reach areas.

Only suited for use with the L7210/L7310 iM3 LED Advantage High-Speed Handpiece – Large.

25 mm long

## Round Burs

Round burs are used for removing bone and drilling holes.

## Crosscut Taper Fissure Burs

These burs are used for sectioning teeth.

CONSUMABLES

At iM3, we understand that burs can be a confusing and daunting topic for a busy veterinary practice. Our mission is to make selecting burs simple and easy for everyone – whether you're starting out at veterinary dentistry or you're one of the top specialists in the field, we've got you covered.

Over the following pages you will find iM3's *Essential Burs*. These are the burs that every practice should be using and will allow you to perform routine extractions.

Later in this section we'll show you our complete range of dental burs for the more advanced veterinary dentists.

All iM3 burs are high-quality, European-made and designed for precision and reliability. Each bur undergoes a rigorous, standardised cleaning process to ensure optimal hygiene and performance. First, it is polished in a rotary bur polisher to remove residual particles and restore surface shine. It is then placed in an ultrasonic cleaning unit to eliminate remaining debris, thoroughly rinsed with hot water over a designated wastewater sink, and dried in an oven at 80 °C (176 °F) to ensure complete moisture removal.

Always remember that dental burs should be sharp; let the instrument do the work. If you feel like you need to work harder or press harder, then the instrument is dull and should be replaced. Burs should be considered single-use, and their cost should be factored into your procedures. Reusing burs stresses and damages the handpiece or turbine, potentially harms the animal/patient, and could injure or fatigue the user.

**CONSUMABLES**
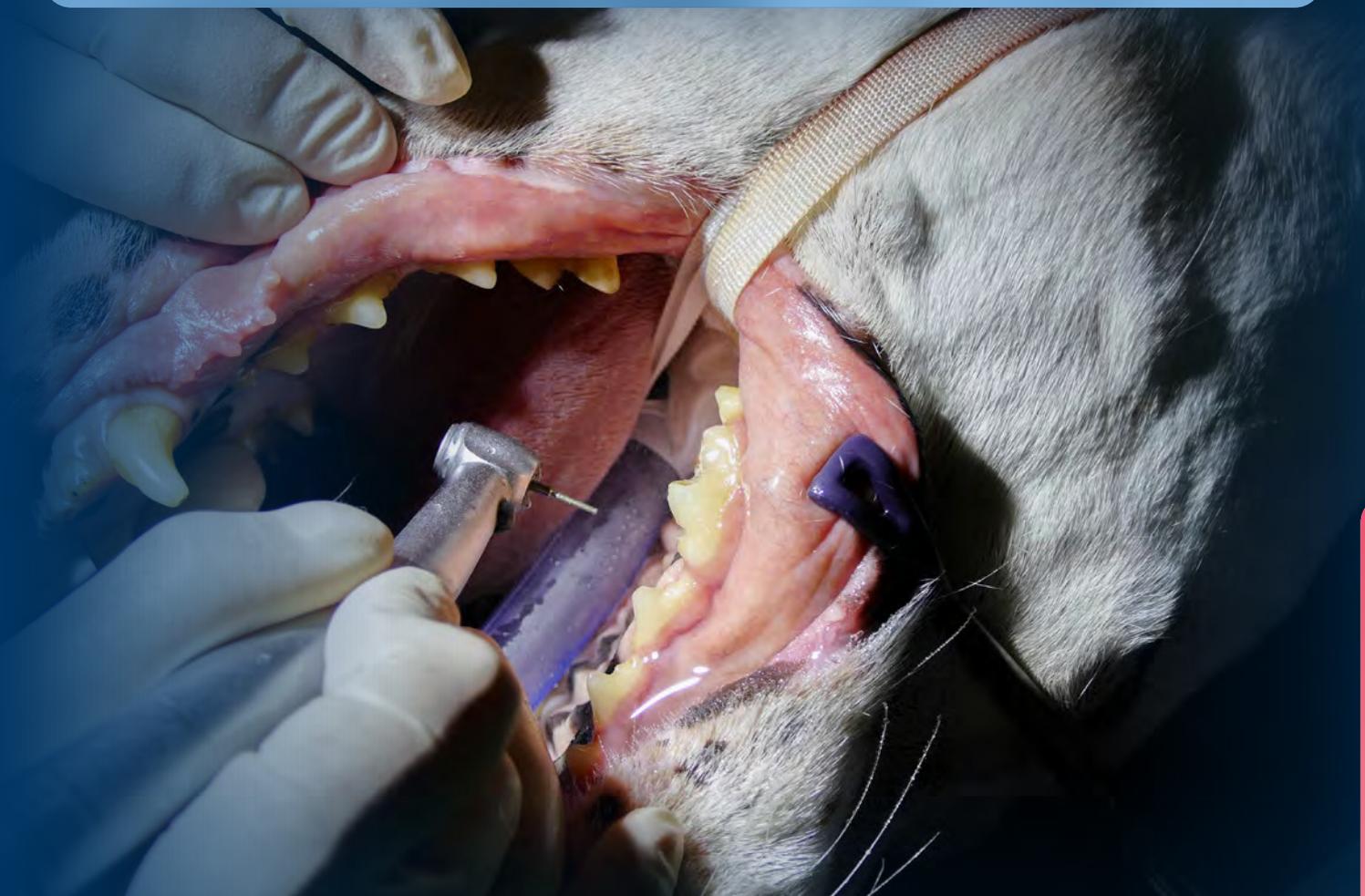
**Tips and Techniques**

- Do not apply excessive pressure or force when using the high-speed handpiece. Use a light painting or feathering technique when sectioning teeth and gentle gliding when removing bone.

- Improper technique can cause the bur to break and damage the turbine.

- Make sure the bur is seated all the way into the high-speed handpiece.

# iM3 Dental Bur - Essentials

Friction-grip (FG) burs are normally used in high-speed handpieces. iM3 recommends disposing of burs between each patient, or if they become dull during long procedures, to reduce turbine wear on the high-speed handpiece.

**CONSUMABLES**

### FG Round Burs

**Pack of 5 autoclavable burs.**

- For removing bone and drilling holes.
- iM3 recommends **size 2** and **4** for **cats** and **small dogs**, and **size 4** and **6** for larger dogs.

|  | 1/4 | 1 | **2** | **4** | **6** | 8 |
|---|---|---|---|---|---|---|
| Head Size (mm) | 005 | 008 | 010 | 014 | 018 | 023 |
| Head Length (mm) | 0.4 | 0.6 | 0.8 | 1.1 | 1.5 | 1.9 |
| Total Length (mm) | 16 | 19 | 19 | 19 | 19 | 16 |
| Cat. Code | D7910 | C9050 | **C9080** | **C9110** | **C9140** | D7930 |

### FG Crosscut Taper Fissure Burs

**Pack of 5 autoclavable burs.**

- For sectioning teeth.
- iM3 recommends **size 699** and **701L** for **cats** and **small dogs**, and **size 702L** for larger dogs.

|  | **699** | 701 | **701L** | 702 | **702L** | 703 | 703L |
|---|---|---|---|---|---|---|---|
| Head Size (mm) | 009 | 012 | 017 | 016 | 016 | 021 | 021 |
| Head Length (mm) | 4 | 4.5 | 5.7 | 4.5 | 5.5 | 5 | 7.5 |
| Total Length (mm) | 19 | 19 | 21 | 19 | 21 | 19 | 21 |
| Cat. Code | **D8012** | C9320 | **C7010** | C9350 | **D7810** | C7030 | C4450 |

### FG Surgical-Length Burs

**Pack of 5 autoclavable burs.**

- The extra length provides greater access in large mouths.
- Surgical-length burs are 25 mm long and not suitable for all high-speed handpieces and may void the warranty.
- Please check the technical data for the handpiece you use or consult iM3 on the use of surgical burs.

|  | 1/2 | 2 | 4 | 6 | 701L | 702L |
|---|---|---|---|---|---|---|
| Head Size (mm) | 007 | 010 | 014 | 018 | 017 | 016 |
| Head Length (mm) | 0.6 | 0.8 | 1.1 | 1.5 | 5.7 | 5.5 |
| Total Length (mm) | 25 | 25 | 25 | 25 | 25 | 25 |
| Cat. Code | D7916 | C9085 | C9115 | C9145 | C7015 | D7815 |

# Veterinary Dental Bur Sets

Dental burs are crucial tools that should be changed between patients for optimal hygiene and performance. With the wide variety of burs required in veterinary dentistry, selecting the right ones can be overwhelming, so iM3 has simplified the process by providing everything you need.

To keep your burs organised and easily accessible, we've included a convenient bur holder with the reorder codes printed on the side. When you run out of a particular bur, simply contact iM3 or visit our website to quickly reorder.

Cat. Code

## Veterinary Dental Bur Essentials

BURS01

The Essentials Bur Set **BURS01** is the perfect starting point for veterinary dentistry. BURS01 set includes six of each of the six most important burs for basic extractions as well as a bur holder.
*36 Burs in total, 6 of each!*

- **Round Bur FG 19 mm,** sizes: **2, 4, 6** (bone removal & drilling holes)
- **Crosscut Taper Fissure Burs FG 19 mm,** sizes: **699, 701L, 702L** (sectioning teeth and removing bone)
- 1x **Autoclavable Bur Holder**

## Veterinary Dental Bur Diamonds

BURS02

The Diamond Bur Set **BURS02** includes six of each of the most popular diamond burs plus a bur holder. All burs in the set are medium grit.
*36 Burs in total, 6 of each!*

- **Round 19 mm FG,** sizes: **4**, **6**, **8**, **13**
- **Taper 19 mm FG**
- **Football 19 mm FG**
- 1x **Autoclavable Bur Holder**

## Veterinary Dental Bur Mixed Set

BURS03

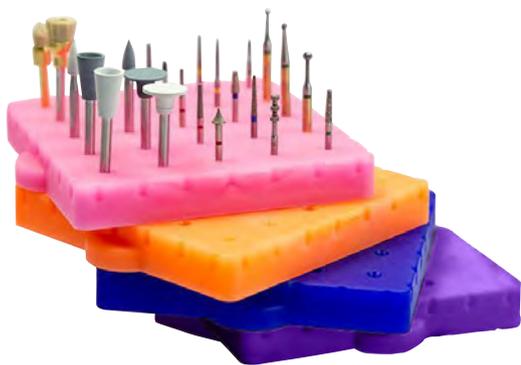The Mixed Bur Set **BURS03** includes six of each of the three most popular cross-cut taper fissure burs, and six of each of the three most popular diamond burs plus a bur holder. All diamond burs in the set are medium grit.

*36 Burs in total, 6 of each!*

- **Xcut Fissure Taper 19 mm FG,** sizes: **699, 701L, 702L**
- **Diamond Bur Round 19 mm FG,** sizes: **4, 6, 8**
- 1x **Autoclavable Bur Holder**

CONSUMABLES

# BurButler Dental Bur Holder

The BurButler is a dental bur holder designed to protect your dental burs for years. This elegant yet durable bur block is made from flexible medical-grade silicone with a strong protective lid. Available in four colours for easy identification for different veterinarians or procedures.

Through-holes in the base and tessellated orifice design allow irrigation of the bur shaft and drainage. The spacing between burs allows easy access and removal or replacement of your dental burs one-handed. Only light force is required to insert and remove the burs. *Do not insert the burs with excessive force*.

The BurButler lets you confidently, efficiently and safely organise, sterilise, access and care for some of your most important dental instruments.

- Easy manipulation of dental burs
- Steam autoclave your bur block
- Washer-disinfector or ultrasonic bath as required



**BurButler Large (25 Burs) – tall lid suitable for FG, RA and HP burs**

| | Cat. Code |
|---|---|
| **BurButler Large (25 Burs) – Blue** | **CBURBSB** |
| **BurButler Large (25 Burs) – Orange** | **CBURBAO** |
| **BurButler Large (25 Burs) – Pink** | **CBURBRP** |
| **BurButler Large (25 Burs) – Purple** | **CBURBAP** |



**BurButler Small (10 Burs) – short lid suitable for FG and RA Burs**

| | |
|---|---|
| **BurButler Small (10 Burs) – Blue** | **CBURBSB10** |
| **BurButler Small (10 Burs) – Orange** | **CBURBAO10** |
| **BurButler Small (10 Burs) – Pink** | **CBURBRP10** |
| **BurButler Small (10 Burs) – Purple** | **CBURBAP10** |



**BurButler 5-hole – 5 Pack with a total space for 25 burs – short lid suitable for FG and RA burs**

**BurButler 5-hole – 5 Pack**  **CBURB55**

Supplied as a pack of 5 BurButlers in a variety of colours, allowing you to colour-code your own bur sets for specific procedures or patients.

**CONSUMABLES**

# Autoclavable Bur Holders



## Autoclavable Bur Holders

### FG Bur Holder

**D7500**

Autoclavable aluminium bur holder for 15 FG burs.

The iM3 bur holders are designed so that the burs will not fall out when turned upside down.

(Burs not included).





**CONSUMABLES**
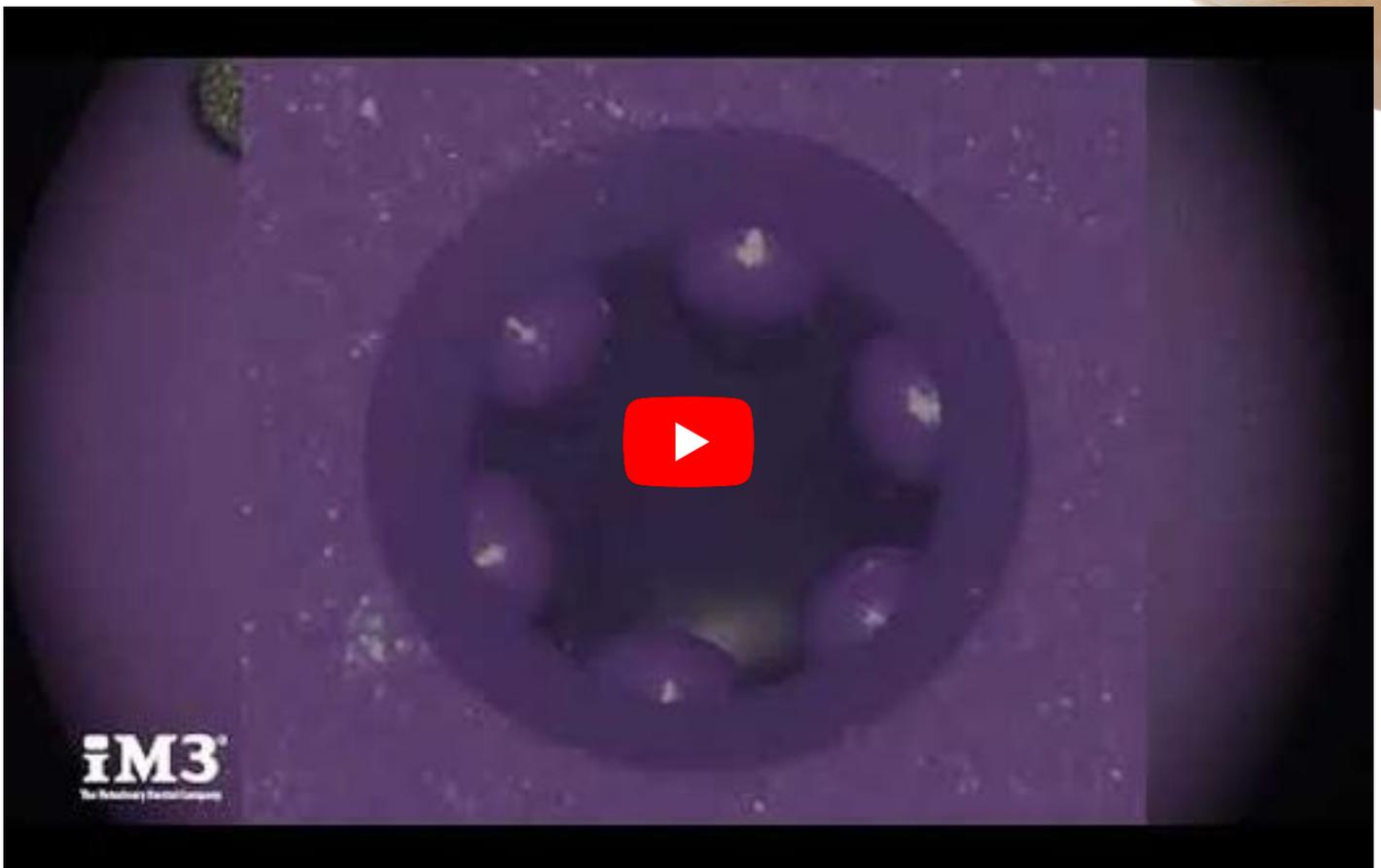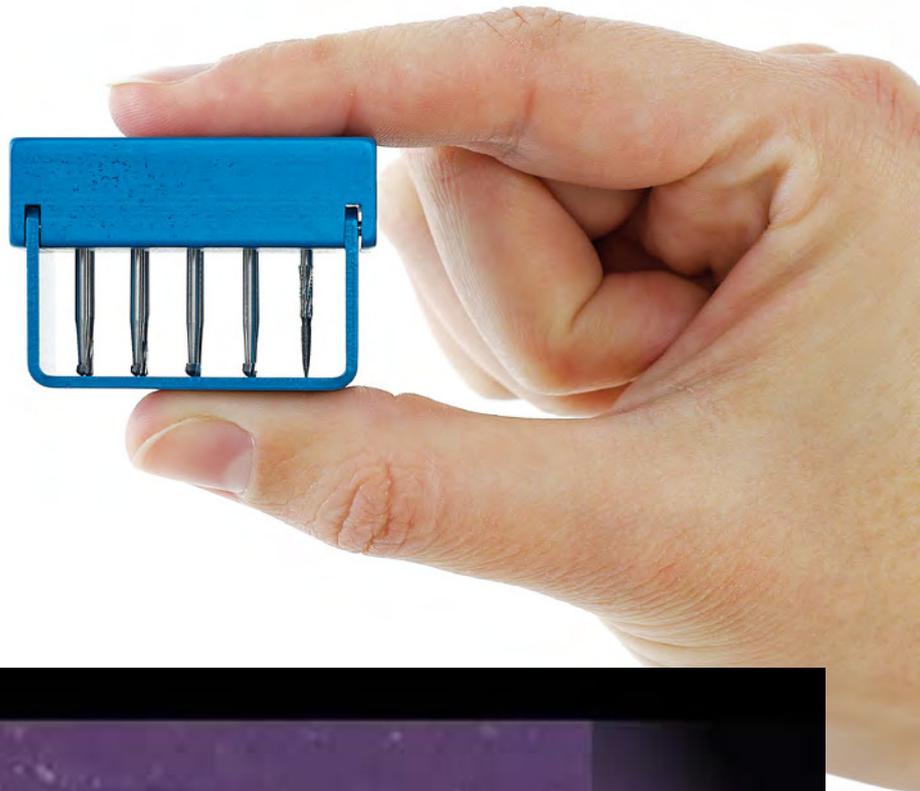
# ADVANCED BURS

## A quick guide to iM3 burs for use in high-speed handpieces, low-speed contra-angles, or straight nose cones

## Friction Grip (FG) Standard-Length Burs

Normally used in high-speed handpieces. FG burs fit all standard high-speed handpieces. Maximum speed 400,000 rpm.

19–21 mm long

## Friction Grip (FG) Feline-Length Burs

Feline-length burs are similar to standard friction grip burs but feature a shorter shank. Ideal for use in smaller mouths.

16 mm long

## Friction Grip (FG) Surgical-Length Burs

These burs are 25 mm long and used in suitable high speed handpieces.

The extra length provides greater access for when a little more reach is needed in larger mouths and hard-to-reach areas. Never pull a bur out of the high-speed handpiece to try to give it more length.

25 mm long

## Right Angle (RA) Burs

These burs have a 22 mm long shank and a small notch at the end of the shank for locking the bur in place. These burs are commonly used in low-speed contra-angles connected to electric micromotors or low-speed air-driven handpieces. 20,000–30,000 rpm. Please note that these burs do not fit into iM3 high-speed handpieces.

22 mm long

## HP Burs

These burs are suitable for rabbit dentistry and orthopaedics. HP burs are 45 mm long, providing the extra length needed for large companion animals, domestic animals, and exotic species. They are used in low-speed handpieces fitted with a 1:1 straight nose cone and can drill through thick bone for surgical, orthopaedic, and endodontic procedures.

45 mm long

**CONSUMABLES**

iM3's advanced burs provide the performance and versatility needed for more demanding dental procedures. Engineered for precision and durability, our extended-length surgical burs, HP burs for exotics and orthopaedics, and specialized right-angle burs are designed to give veterinary professionals greater access, control, and cutting power in challenging clinical situations.

Whether you're navigating large oral cavities, working on dense bone, or treating exotic species, this selection expands your capabilities while maintaining the trusted quality iM3 is known for.

iM3 offers a wide selection of burs for sectioning multirooted teeth, removing and shaping bone, extracting root tips, and providing access for restorative and endodontic procedures.

Burs are available in multiple shapes and sizes. A smaller number indicates a smaller head. Head shapes include round, taper fissure, pear, inverted cone, and others.

SHAFT    SHANK    HEAD LENGTH

HEAD SIZE

CONSUMABLES
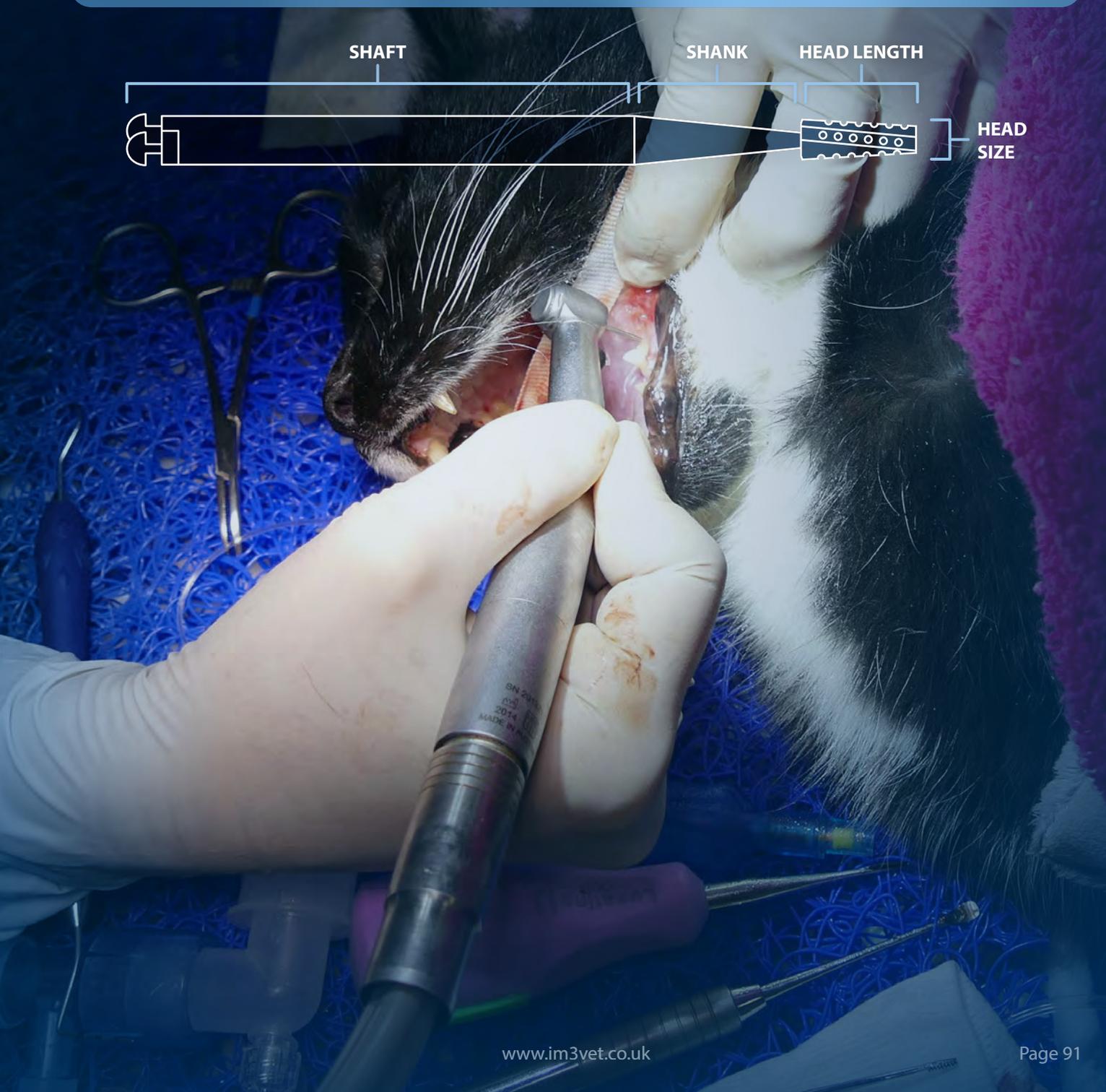
# Tungsten Carbide Burs

Primarily used for removing alveolar bone, extracting root tips, and creating access holes.
Available in sizes ranging from ¼ to 10. A range of sizes should be kept on hand to accommodate patients of all sizes.

**Round/Rose**

**TUNGSTEN**

|  | 1/4 | 1/2 | 1 | 2 | 3 | 4 | 5 | 6 | 8 | 10 |
|---|---|---|---|---|---|---|---|---|---|---|
| **Head Size (mm)** | 005 | 007 | 008 | 010 | 012 | 014 | 016 | 018 | 023 | 027 |
| **Head Length (mm)** | 0.4 | 0.6 | 0.6 | 0.8 | 1 | 1.1 | 1.2 | 1.5 | 1.9 | 2.5 |
| **FG Standard (19 mm)** | D7911 | D7912 | C9050 | C9080 |  | C9110 |  | C9140 | C9142 |  |
| **FG Feline (16 mm)** | D7910 | D7909 |  | D7908 |  | D7920 |  | D7907 | D7930 |  |
| **FG Surgical (25 mm)** | D7915 | D7916 |  | C9085 |  | C9115 |  | C9145 | D7935 |  |
| **RA (22 mm)** | C9091 | C9092 | C9093 | C9095 | C9096 | C9100 | C9097 | C9160 | C9094 |  |
| **10 x 5-pack FG (19 mm)** |  |  |  | C9080X |  |  |  | C9140X |  |  |

For sectioning teeth and removing bone. "L" refers to a longer cutting surface, best for larger teeth.

**Cross-cut Fissure Taper**

**TUNGSTEN**

|  | 699 | 700 | 701 | 702 | 703 |
|---|---|---|---|---|---|
| **Head Size (mm)** | 009 | 010 | 012 | 016 | 021 |
| **Head Length (mm)** | 4 | 4 | 4.5 | 4.5 | 5 |
| **FG Standard (19 mm)** | D8012 |  | C9320 | C9350 | C7030 |
| **FG Feline (16 mm)** |  | C9001 | C9002 |  |  |
| **FG Surgical (25 mm)** |  | D8015 | D8016 |  |  |
| **RA (22 mm)** |  | C9098 | C9330 | C9390 |  |
| **10 x 5-pack FG (19 mm)** | D8012X |  |  |  |  |

**Cross-cut Fissure Taper Long**

**TUNGSTEN**

|  | 701L | 702L | 703L |
|---|---|---|---|
| **Head Size (mm)** | 017 | 016 | 021 |
| **Head Length (mm)** | 5.7 | 5.5 | 7.5 |
| **FG Standard (21 mm)** | C7010 | D7810 | C4450 |
| **FG Surgical (25 mm)** | C7015 | D7815 |  |
| **10 x 5-pack FG (21 mm)** | C7010X | D7810X |  |

**CONSUMABLES**

# Tungsten Carbide Burs

For sectioning teeth and removing bone. "L" refers to a longer cutting surface, best for larger teeth.

## Cross-cut Fissure

TUNGSTEN

|  | 556 | 557 | 558 | 559 |
|---|---|---|---|---|
| Head Size (mm) | 009 | 010 | 012 | 014 |
| Head Length (mm) | 4 | 4.5 | 4.5 | 4.5 |
| FG Standard (19 mm) | C9279 | C9280 | C9250 | C9300 |
| FG Surgical (25 mm) | C9275 |  | C9255 |  |

## Fissure Taper Long

TUNGSTEN

|  | 169 | 169L | 170L | 171L | 172L |
|---|---|---|---|---|---|
| Head Size (mm) | 009 | 009 | 010 | 012 | 016 |
| Head Length (mm) | 4.2 | 5.5 | 5.7 | 5.7 | 5.7 |
| FG Standard (19 mm) | D8011 |  |  |  | D8007 |
| FG Standard (21 mm) |  | D8006 | D8009 | D8008 |  |
| FG Surgical (25 mm) |  | D8014 | C9089 |  |  |

For sectioning teeth, removing bone, removing decay, and preparing teeth for crowns.

## Round-end Xcut Fissure

TUNGSTEN

|  | 1557 | 1558 |
|---|---|---|
| Head Size (mm) | 010 | 012 |
| Head Length (mm) | 4.2 | 4.2 |
| FG Standard (25 mm) | D7801 | D7802 |

## Round-end Xcut Fissure Taper

TUNGSTEN

|  | 1701 | 1702 |
|---|---|---|
| Head Size (mm) | 010 | 016 |
| Head Length (mm) | 6 | 4.1 |
| FG Standard (19 mm) | D7949 | D7950 |

CONSUMABLES

# Tungsten Carbide Burs

Used for crown preparation, caries (cavity) preparation, removal and adjustment of restorations, and endodontic access. It is also used to create undercuts and flatten walls. The shape means the cutting end is wider than the base.

Used to section teeth and remove bone, cut enamel and dentin for caries (cavity) preparation, and create undercuts for restorations.

These burs can be used to section teeth, remove bone, create access holes, prepare restorations, and remove tooth roots.

## Inverted Cone

| | 33 1/2 | 35 | 37 |
|---|---|---|---|
| Head Size (mm) | 007 | 010 | 014 |
| Head Length (mm) | 0.7 | 1.2 | 1.4 |
| FG Standard (19 mm) | C9229 | C9230 | C9231 |
| FG Feline (16 mm) | D7940 | | |
| FG Surgical (25 mm) | D7803 | | |
| RA (22 mm) | | | D7830 |

## Pear

| | 329 | 330 | 331 | 332L | 333L |
|---|---|---|---|---|---|
| Head Size (mm) | 006 | 008 | 010 | 012 | 014 |
| Head Length (mm) | 2 | 2 | 2 | 4.2 | 4.4 |
| FG Standard (19 mm) | D8329 | C9440 | D8331 | | D8333 |
| FG Standard (21 mm) | | | | D8332 | |

## Fissure

| | 1158 |
|---|---|
| Head Size (mm) | 012 |
| Head Length (mm) | 4.2 |
| FG Standard (19 mm) | D7800 |

The fluted 12 flame bur is used primarily for finishing and trimming surfaces in restorative dentistry and orthodontics. Achieves a smooth finish on composites and can also be used to remove composite material, as well as contouring gingiva, gingivoplasty, and gingivectomy.

Designed for aggressive bone cutting and shaping in oral and maxillofacial surgeries, including bone contouring, osteotomies, implant preparation, and apicoectomy.

Used to smooth rough enamel edges and prevent further fracture of damaged enamel, as well as odontoplasty, shaping, and smooth/finish restorations.

## Others

| | 557 | 7903 | Lindemann166 | Lindemann162 | Lindemann162 | Arkansas Flame |
|---|---|---|---|---|---|---|
| Head Size (mm) | 010 | 012 | 021 | 016 | 016 | 7 |
| Head Length (mm) | 4.2 | 3.6 | 10 | 9 | 10 | 7 |
| FG Standard (19 mm) | D8557 | D8010 | | | | D7851 |
| FG Standard (25 mm) | | | | D8558 | | |
| RA (22 mm) | | | D8559 | | D8551 | D7850 |

CONSUMABLES

## Conical Carbide/Acrylic Burs

### Conical Carbide / Acrylic Burs

RA Contra-angle burs. Available in 3 sizes. Sold as singles.

| | |
|---|---|
| **RA Conical Carbide – Small (Single)** | C7911 |
| **RA Conical Carbide – Large (Single)** | C7922 |
| **RA Conical Carbide – Long (Single)** | C7933 |
| **HP Acrylic Cutting Bud (Single)** | D7970 |

## Mueller Round Tip Burs

**Round 1 – RA**
Head Size: 008
D7832

**Round 2 – RA**
Head Size: 010
D7833

**Round 4 – RA**
Head Size: 014
D7834

Mueller round right angle (RA) burs have a 34 mm long shank and a small notch at the end for locking the bur in place.

Pack of 5 autoclavable burs.

These burs are intended to be single-use, with the cost factored into each procedure.

| | |
|---|---|
| **Dental Bur – Round 1 Mueller 34 mm RA (5-pack)** | D7832 |
| **Dental Bur – Round 2 Mueller 34 mm RA (5-pack)** | D7833 |
| **Dental Bur – Round 4 Mueller 34 mm RA (5-pack)** | D7834 |

## Dental Bur Adaptors

**Bur Adaptor**
13 mm long
D70RA1

**Bur Adaptor**
26 mm long
D70RA2

**Bur Adaptor**
34 mm long
D70RA3

Dental bur adaptors for using any FG burs in RA handpieces.

These adaptors are available in 13 mm, 26 mm and 34 mm lengths.

*You can now use the full range of iM3 small animal burs during large exotic and equine procedures.*

| | |
|---|---|
| **Dental Bur Adaptor FG to RA Short (6 Pieces)** | D70RA1 |
| **Dental Bur Adaptor FG to RA Medium (6 Pieces)** | D70RA2 |
| **Dental Bur Adaptor FG to RA Long (6 Pieces)** | D70RA3 |

CONSUMABLES

# Gingivectomy Burs

For controlled removal of gingival tissue to restore normal sulcus depth in cases of gingival hyperplasia. Ideal for gentle contouring to reshape the gingival margin. Friction grip burs for use in high-speed handpieces. These burs are intended to be single-use, with the cost factored into each procedure.

Cat. Code

### Flame Burs

| | 7104 | 7106 | 7108 |
|---|---|---|---|
| Head Size (mm) | 014 | 018 | 023 |
| Head Length (mm) | 3.5 | 4 | 4.5 |
| FG Standard (19 mm) | D7556 | D7557 | D7558 |

## Gingivectomy Flame Set – 19 mm FG – 3-pack

**D7552**

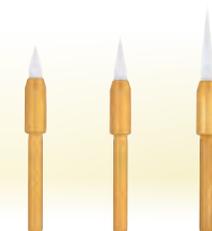The pointed tip gives greater access to interproximal spaces.

### Egg Burs

| | 7404 | 7406 | 7408 |
|---|---|---|---|
| Head Size (mm) | 014 | 018 | 023 |
| Head Length (mm) | 3.5 | 4 | 4.5 |
| FG Standard (19 mm) | D7553 | D7554 | D7555 |

## Dental Bur - Gingivectomy Egg Set – 19 mm FG – 3-pack

**D7551**

Rounded tips work best around the labial, buccal and lingual surfaces of the tooth.

## Dental Bur – Gingivectomy Ceramic FG

Soft tissue trimming burs are designed for contouring gingival tissue. These specialised burs feature ceramic tips that help reduce bleeding during soft tissue procedures such as gingival contouring, uncovering implant sites, exposing deep cervical caries, and other clinical situations requiring reshaping or removal of soft tissue. These burs enable precise treatment of soft tissue, similar to working on enamel and dentine, expanding the clinical applications of the handpiece.

### Ceramic Burs

| | 016 | 015 | 015 |
|---|---|---|---|
| Cutting Length (mm) | 5 | 5 | 8 |
| Cat. Code (19 mm) | TT250 | | |
| Cat. Code (22.5 mm) | | TT251 | |
| Cat. Code (25 mm) | | | TT252 |

This gingivectomy bur is used in the high-speed handpiece at full RPM without water coolant spray to excise and contour soft gingival tissue with minimal bleeding. Unlike radiosurgery or electrosurgery, there is little risk of overheating the surgical site and compromising the bone.

- Sold in singles
- Autoclavable to 135 °C

# Root Tip Burs

## Dental Bur – Root Tip *(surgical length)* – 3-pack

These surgical length burs are not suitable for all high-speed handpieces and may void the handpiece warranty. Please check the technical data for your handpiece or consult iM3 regarding the use of surgical burs. These burs are intended to be single-use, with the cost incorporated into each procedure.

........ 30 mm long ........

### Dental Bur - Root Tip – 30 mm FG

**C5600**

- ISO: 500.317.196.336.008
- Head Size: 008
- Cutting Length: 4.0 mm
- Shank Length: 30 mm
- Max RPM 160,000

........ 25 mm long ........

### Dental Bur - Root Tip Long – 25 mm FG

**C5610**

- ISO: 500.316.199.295.016
- Head Size: 016
- Cutting Length: 11.0 mm
- Shank Length: 25 mm
- Zekyra

# Diamond Burs  `SUPER FINE`  `FINE`  `MEDIUM`  `COARSE`

Cat. Code

## Diamond Assorted
### FG Standard

| | 4 | 6 | 8 | Taper | Football |
|---|---|---|---|---|---|
| Head Size (mm) | 014 | 018 | 023 | 014 | 023 |
| Head Length (mm) | | | | 8 | 5 |
| Total Length (mm) | 19 | 19 | 19 | 19 | 19 |
| Medium | D7040 | D7060 | D7080 | D7091 | D7095 |

### iM3 Assorted Diamond Set – 19 mm FG  D7560
### (standard length) – 5-pack

iM3 medium grit (blue band) diamond bur set featuring precision European made diamond burs. Suitable for use in any high speed dental handpiece.

The set consists of one each of sizes 4, 6 and 8 plain round burs, one taper bur and one football bur.

All iM3 diamond burs are available individually in a pack of five. See order codes below.

## Round Diamond Burs
### FG Standard

Used for pulpotomies, endo access, smoothing bone, and reducing crown height.

| | 3 | 4 | 5 | 6 | 8 | 10 | 12 | 13 |
|---|---|---|---|---|---|---|---|---|
| ISO No. | 001–012 | 001–014 | 001–016 | 001–018 | 001–023 | 001–027 | 001–032 | 001–035 |
| Head Size (mm) | 010 | 014 | 016 | 018 | 023 | 027 | 032 | 035 |
| Total Length (mm) | 19 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| Medium | | D7040 | | D7060 | D7080 | D9027 | | D9035 |
| Coarse | D7039 | D9040 | D9036 | D9037 | | | D9039 | |

## Taper Diamond Burs
### FG Standard

Primarily used for precise shaping of enamel, dentine, restorative materials, and crown prep.

| ISO No. | 197–014 | 198–018 | 198–014 |
|---|---|---|---|
| Head Size (mm) | 014 | 018 | 014 |
| Head Length (mm) | 6.3 | 9 | 8 |
| Total Length (mm) | 21 | 19 | 19 |
| Cat. Code | D7963 | D7971 | D7091 |

## Flat End Cylinder Diamond Burs
### FG Standard
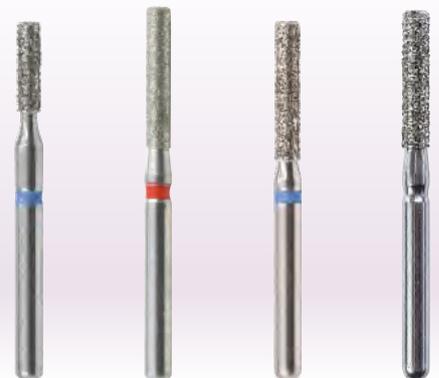
| ISO No. | 110–012 | 111–012 | 111–014 | 111–016 |
|---|---|---|---|---|
| Head Size (mm) | 012 | 012 | 014 | 016 |
| Head Length (mm) | 5.6 | 8 | 8 | 8 |
| Total Length (mm) | 21 | 21.5 | 21 | 21.5 |
| Cat. Code | D9012 | D9013 | D9014 | C9400 |

**CONSUMABLES**

## Diamond Burs  SUPER FINE  FINE  MEDIUM  COARSE

### Flame Diamond Burs
### FG Standard

| ISO No. | 249-012 | 249-012 | 249-014 |
|---|---|---|---|
| Head Size (mm) | 012 | 012 | 014 |
| Head Length (mm) | 8 | 8 | 8 |
| Total Length (mm) | 21 | 21 | 21 |
| Super Fine | D7965 | | |
| Fine | | D7820 | |
| Medium | | | D7964 |

### Egg/Football Diamond Burs
### FG Standard

| ISO No. | 257-016 | 257-023 | 277-016 | 379-016 |
|---|---|---|---|---|
| Head Size (mm) | 016 | 023 | 016 | 016 |
| Head Length (mm) | 3.5 | 5 | 3.4 | 3.4 |
| Total Length (mm) | 20 | 20 | 19 | |
| Super Fine | D7960 | | | |
| Fine | | | D7968 | |
| Medium | | D7095 | | D7973 |
| Coarse | | D7967 | | |

### Inverted Cone Diamond Burs
### FG Standard

| ISO No. | 010-014 |
|---|---|
| Head Size (mm) | 014 |
| Head Length (mm) | 1.5 |
| Total Length (mm) | 19 |
| Cat. Code | D7961 |

### Pear Diamond Burs
### FG Standard

| ISO No. | 239-014 |
|---|---|
| Head Size (mm) | 014 |
| Head Length (mm) | 5 |
| Total Length (mm) | 19 |
| Cat. Code | D7962 |

### Needle Diamond Burs
### FG Standard

| ISO No. | 166-018 |
|---|---|
| Head Size (mm) | 018 |
| Head Length (mm) | 10 |
| Total Length (mm) | 22.5 |
| Cat. Code | D7969 |

**CONSUMABLES**

# Diamond Burs  `SUPER FINE`  `FINE`  `MEDIUM`  `COARSE`

### Gingival Curettage Diamond Burs
**FG Standard**

Used for removing diseased gingival tissue while sparing healthy tissue, helping to reduce bacterial load and promote healing.

| | |
|---|---|
| ISO No. | 299–016 |
| Head Size (mm) | 16 |
| Head Length (mm) | 10 |
| Total Length (mm) | 22 |
| Cat. Code | D7966 |

### End Cutting Bur in Crown Amputation
**FG Standard**

| | |
|---|---|
| ISO No. | 150–010 |
| Head Size (mm) | 010 |
| Head Length (mm) | |
| Total Length (mm) | 22 |
| Cat. Code | D8382 |

### Diamond Burs

| | Flat End Cylinder – Med Grit RA | Round 2 – RA Medium Grit | Round 3 – RA Medium Grit | Round 4 – RA Medium Grit | Round 6 – RA Medium Grit |
|---|---|---|---|---|---|
| Head Size (mm) | 012 | 010 | 012 | 014 | 018 |
| Head Length (mm) | 4 | - | - | - | - |
| Total Length (mm) | 22 | 22 | 22 | 22 | 22 |
| Cat. Code | D701R | D702R | D703R | D704R | D706R |

### Diamond Discs and Mandrels

Cat. Code

iM3 diamond discs come in two different sizes and are coated on both sides with a fine grit for a variety of procedures. We provide mandrels for RA contra-angles as well as HP straight nose cones.

**22 mm Diamond Disc**    D2204
Our larger diamond disc is preferred for rabbit and rodent dentistry and, when used on an HP mandrel, is compatible with our soft tissue safety shield. This disc comes without a mandrel and should be paired with either the RA or HP mandrels below.

**19 mm Diamond Disc**    D2201
This new, smaller diamond disc has a thickness of 0.4 mm, giving it greater rigidity. This disc comes without a mandrel and should be paired with either the RA or HP mandrels below.

**RA Mandrel for Diamond Disc**    D2202
**HP Mandrel for Diamond Disc**    D2203

**22 mm**    **19 mm**

**CONSUMABLES**

# 05 HANDPIECES

**LED High-Speed Handpieces**

**Low-Speed Polishing**

**Straight Nose Cones**

**Low-Speed Motors**

**Contra-Angles**

**Handpiece Oil**

**Reprocessing Devices**

**WHY iM3 LED LIGHT?**

With a colour temperature of 5,500 K, the iM3 Advantage LED handpiece produces a radiation spectrum that corresponds to daylight.
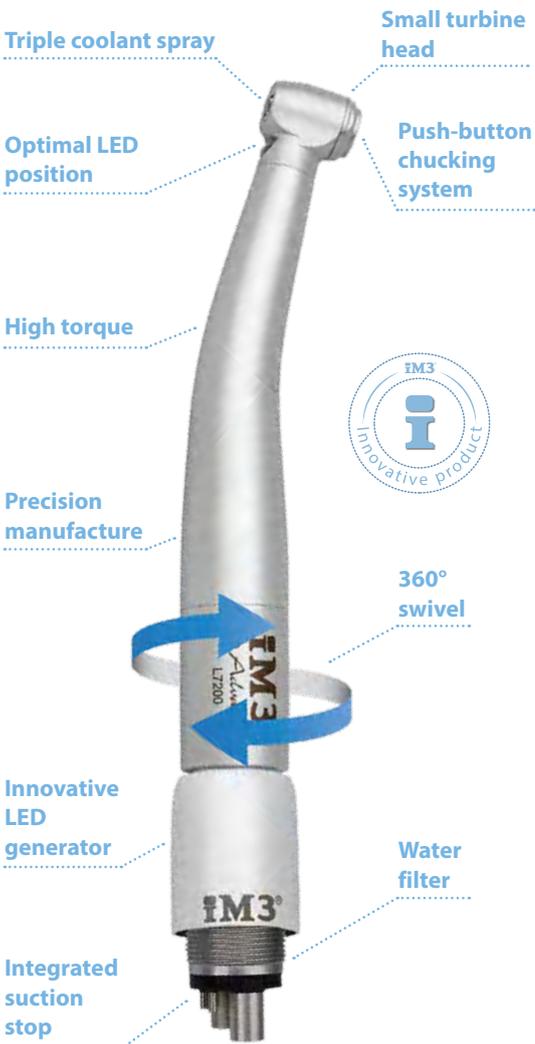
The high colour rendering index (CRI 90) of the LED enables relaxed work thanks to daylight-quality light and provides exceptional reproduction of natural colours and clear colour contrasts in the mouth.

## Primary High-Speed Handpieces

# Reliable – Efficient – Precise – iM3 Advantage

Experience fatigue-free operation thanks to the easy 360° rotation of the turbine on the coupling, combined with low overall weight and a slender design. The unique handpiece design allows component replacement on site by the user.

Cat. Code

Triple coolant spray

Optimal LED position

High torque

Precision manufacture

Small turbine head

Push-button chucking system

360° swivel

iM3 Innovative product

Innovative LED generator

Water filter

Integrated suction stop

### iM3 Advantage Swivel LED High-Speed Handpiece  **L7300**

All the advantages of the iM3 LED handpieces, with a Midi head to provide greater access in small mouths.

- Self-generating LED illumination, no electricity – just needs air
- Daylight-quality bright white light, unlike yellow fibre-optic lighting
- Largest illumination area of any dental handpiece
- Patented turbine design eliminates bacterial/viral suck back
- Autoclavable
- Triple spray coolant outlet for effective bur cooling
- One-year complete handpiece warranty, including the turbine and chuck mechanism
- Swivel handpiece reduces fatigue and removes handpiece tension on the operator's wrist
- 360° swivel with quick release coupling housing the LED generator
- Fits all air driven dental machines with four-hole connection

The **L7300** includes the **L7200** handpiece and the **L7400** swivel coupling.

> " *… it seems like such a simple concept, but one that significantly reduces the need to torque your wrist or constantly re-position the handpiece to achieve the appropriate angle of approach to a tooth. It also helps reduce the pull of the weight of the cord on your wrist…*
>
> **Lina N. Mohamed, DVM**
> Interbay Veterinary Hospital Seattle, WA

**HANDPIECES**

### iM3 Advantage Swivel LED High-Speed Handpiece          L7200

Ideal for clinics who want multiple LED handpieces. This high-speed handpiece is powered by the LED Advantage Swivel Coupling (L7400 - sold separately).

The Advantage LED high-speed (400,000 rpm) handpiece and swivel with inbuilt generator creates its own LED light. With a colour temperature of 5,500 K, the Advantage produces a radiation spectrum that corresponds to daylight. The high-colour rendering index (CRI 90) of the LED enables relaxed work thanks to daylight-quality light, exceptional reproduction of natural colours and clear colour contrasts in the mouth.

The Advantage minimises fatigue through easy 360-degree rotation on the coupling, low weight, and a slender design. The unique handpiece design also allows for component replacement on site by the user.

Triple coolant spray produces a mist for precision bur cooling and a patented hygienic head prevents aerosol particles from being sucked into the turbine.

### iM3 Advantage Swivel LED High-Speed Coupling          L7400

Self-generating LED coupling allows the use of LED handpieces on dental machines without light. No wires required – just air from the dental machine.

**L7200**

**L7210**

**L7400**

Advantage handpiece plus an LED coupling with generator gives you an independent light.

The integration of a generator in the swivel coupling (L7400) gives you a low-cost option of having multiple LED handpieces (L7200).

**PATENTED HYGIENIC HEAD SYSTEM**
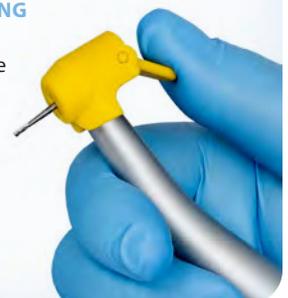Prevents aerosol particles from being sucked into the turbine.

**PRECISION COOLING**
The triple spray cools the treatment site from all sides.

**SIMPLE BUR CHANGING**
Easy operation via the push button or with the iM3 yellow iPush tool.

**HANDPIECES**

### iPush Tool

The iPush Tool makes inserting a bur into a push button handpiece a breeze.

### iPush Tool – Black          L7000
(fits Cat. No. **L5200**, **L5300**, **L7210** and **L7310**)

### iPush Tool – Yellow          L7050
(fits Cat. No. **L5200S**, **L5300S**, **L7100**, **L7200** and **L7300**)

*Designed and Manufactured by iM3.*
*EC Patent No. 001882788. USA Patent No. 29/398937.*

# iM3 Swivel High-Speed Handpiece System

Cat. Code
**L7250**

Cat. Code
**L7200**

Cat. Code
**L7210**

### Feline LED High-Speed Handpiece

Only for 16 mm feline-length burs; using longer burs may damage or break this handpiece.

- LED light
- 5x spray
- Head size: Ø 9 mm
- Autoclavable
- Works with advantage swivel coupling L7400 *(sold separately)*

### iM3 Advantage Swivel LED High-Speed Handpiece

Ideal for clinics who want multiple LED handpieces. The Advantage minimises fatigue thanks to its low weight, easy 360° rotation on the coupling, and slender design.

- Head size: Ø 10.4 mm
- Works with advantage swivel coupling L7400 *(sold separately)*
- Triple coolant spray

### LED Advantage High-Speed Handpiece - LRG *(handpiece only)*

Dental turbine handpiece with light, ceramic ball bearings, triple spray and push-button chucking system, suitable for FG surgical-length burs.

- Head size: Ø 1.6 mm
- Works with advantage swivel coupling L7400 *(sold separately)*
- Triple coolant spray

**Multiple handpieces. One coupling.**

## iM3 Advantage Swivel LED High-Speed Coupling

Cat. Code
**L7400**

The iM3® Advantage Swivel LED High-Speed Coupling enables quick and easy changes of the high-speed handpiece. This allows veterinarians to seamlessly switch between the four options shown above. In addition, using a shared coupling offers significant cost savings compared to purchasing multiple complete handpieces.

The self-generating LED coupling allows the use of LED handpieces on dental machines without light – no wires required – just air from the dental machine.
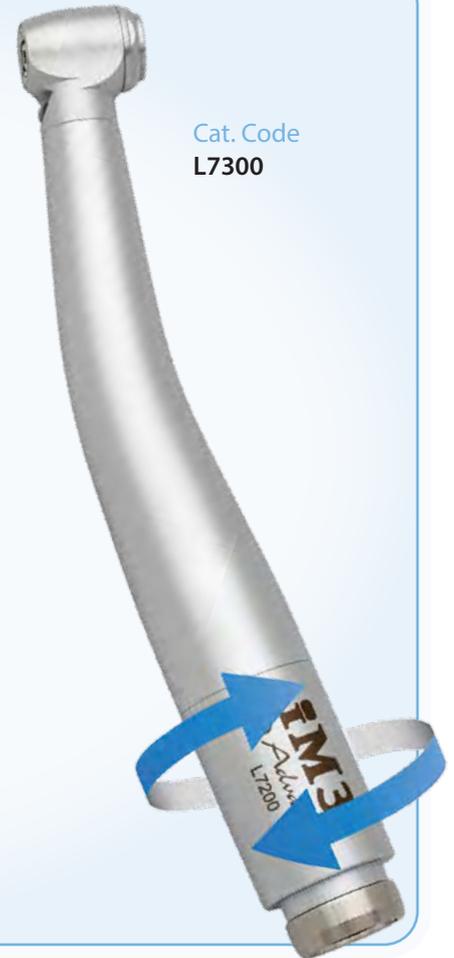
**HANDPIECES**

# iM3 Swivel High Speed Handpieces

## iM3 Advantage Swivel LED High-Speed Handpiece
### (with Coupling (L7400), Bottle of MD30 Oil, and iPush Tool (yellow, L7050)

All the advantages of the iM3 LED handpieces, combined in a Midi head to provide greater access in small mouths! Suitable for FG standard-length burs.

- Self-generating LED illumination, no electricity – just needs air
- Daylight-quality bright white light, unlike yellow fibre-optic lighting
- Largest illumination area of any dental handpiece
- Patented turbine design eliminates bacterial/viral suck back
- Autoclavable
- Triple coolant spray

- One-year complete handpiece warranty including the turbine and chuck mechanism
- Swivel handpiece reduces fatigue and removes handpiece tension on the operator's wrist
- 360º swivel with quick release coupling housing the LED generator
- Fits all air-driven dental machines with four-hole connection

Cat. Code
**L7300**

**Includes:**

**MD30 Handpiece Oil**

Cat. Code
**MD30**

**iM3 Advantage Swivel LED High-Speed Coupling**

Cat. Code
**L7400**

**iPush Tool** *(yellow)*

The iPush Tool makes inserting a bur into a push button handpiece a breeze.

Cat. Code
**L7050**

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## LED Advantage High-Speed Handpiece - LRG
### (with Coupling (L7400), Bottle of MD30 Oil, and iPush Tool (black, L7000)

Dental turbine handpiece with light, ceramic ball bearings, triple spray and push-button chucking system, suitable for FG surgical-length burs.

- Head size: Ø 1.6 mm
- Works with advantage swivel coupling L7400 *(sold separately)*

- Triple coolant spray

Cat. Code
**L7310**

**Includes:**

**MD30 Handpiece Oil**

Cat. Code
**MD30**

**iM3 Advantage Swivel LED High-Speed Coupling**

Cat. Code
**L7400**

**iPush Tool** *(black)*

The iPush Tool makes inserting a bur into a push button handpiece a breeze.
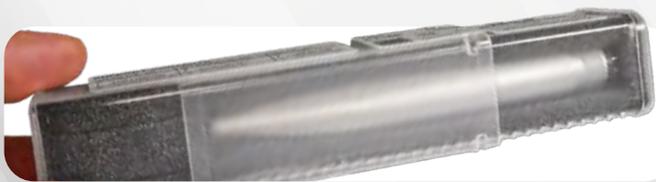
Cat. Code
**L7000**

**HANDPIECES**

## Non-Swivel High-Speed Handpieces

# IN CASE OF VETERINARY DENTAL EMERGENCY

### Spare High-Speed Handpiece – Advantage

iM3 recommends having a spare high-speed handpiece as a solution to ensure continuous operation during dental treatments. Enjoy peace of mind knowing that you're always prepared for any eventuality.

The packaging is designed for convenience, featuring support contact information for quick access, and can be reused to send your regular handpiece in for repairs.

Cat. Code
**L7150**

### iM3 Advantage non-LED High-Speed Handpiece

Triple coolant outlet for optimal bur cooling.

Cat. Code
**L7100**

- Patented turbine design eliminates bacterial/viral suck-back
- Supplied with yellow iPush tool for easy bur changing
- High-quality, low-weight and slender design handpiece

*One year complete handpiece warranty - the longest turbine and chuck warranty in the industry!*

*Replaceable water filter prevents dirt particles from entering the turbine.*

iM3 recommends a daily oil service with *MD-30* or *F1 MD400* handpiece oil:

Cat. Code
**MD30**

- Essential after every internal cleaning
- Before each sterilization
- After 30 minutes of use or at least once daily

Cat. Code
**MD400**

**HANDPIECES**

## iM3 High-Speed Handpiece – 5x LED – Roto with High-Speed Swivel Coupling

Cat. Code **L8085**

This high-speed handpiece features a 5-piece Ring LED+ that provides shadow-free illumination. The five-point spray ensures continuous cooling throughout clinical procedures. Its lightweight, ergonomic design with a scratch-resistant coated surface and ceramic bearings enhances durability and extends instrument life without overheating or excessive noise. Delivers 24 W of power and speeds up to 360,000 rpm in a head with a diameter of only 11.5 mm.

- 100% shadow-free illumination thanks to the world's first LED+ ring
- Even cooling with the five-fold spray
- Longer life and extremely quiet operation due to ceramic bearings
- Sterilisable and thermo washer-disinfectable
- Hygienic head system
- Scratch-resistant surface improves aesthetics and extends the life of the handpiece.
- Fatigue-free work
- Includes L746H coupling, and is for use on 6-hole air lines such as the iM3 Pro S and iM3 Pro X

*Please note that this handpiece is not compatible with L7400 coupling.*

### Includes:

#### High-Speed Swivel Coupling - 6-Hole for Pro S and Pro X

Cat. Code **L746H**

6-Hole "Roto Quick" high-speed handpiece coupling fits the high-speed lines on iM3 Pro S and iM3 Pro X units. Can only be used with iM3 high-speed handpiece L8080.

- Light, flexible and sterilizable
- Free 360° instrument rotation
- Continuous regulation of the spray water supply
- Roto Quick non-retraction valve
- 24 months warranty

*Not compatible with iM3 GS or Elite units.*

## iM3 High-Speed Handpiece - 5x LED – Multi-flex

Cat. Code **L8070**

This dental turbine is characterised by high performance, quality, optimal ergonomics, and outstanding value for money.

- 5-hole spray
- Head size Ø 13 mm
- 22 W, 330,000 rpm
- FG burs Ø 1.6 for bur lengths up to 25 mm
- 100% shadow-free illumination thanks to the world's first LED+ ring
- Even cooling with the five-fold spray
- Longer life and extremely quiet operation due to ceramic bearings
- Sterilisable and thermo-disinfectant

*This handpiece utilises 'Multi-flex' fitting and requires a Multi-flex fitting coupling (L2014).*

### Sold separately:

Cat. Code **L2014**

#### iM3 Kavo MultiFlex Fitting Coupling

Prevents dirt particles from entering the turbine.

- For 6-hole air lines

### iM3 offers repairs and maintenance on high-speed handpieces:

- Repair centres in UK and in Ireland
- Same day turnaround
- Original parts
- Expert knowledge

*Avoid unauthorised repair centres!*

For servicing quotation contact us at:
Email: **support@im3dental.com**
Phone (Ireland): **+353 (0) 1 691 1277**
Phone (UK): **+44 (0) 1 423 224297**

## Low-Speed Handpieces

### iM3 Advantage Low-Speed Motor

**L6200**

The iM3 Advantage Low-Speed Motor is ergonomically designed to be more user-friendly. The motor is lightweight and shorter than conventional low-speed motors. Maximum speed 25,000 rpm.

- Complete one-year warranty, including turbine
- The LS motor fits any four-hole connection
- Forward only
- Autoclavable

### iM3 4:1 Advantage Straight Nose Cone

**L6250**

- Reduces the polishing speed
- Simply push on the Rock & Roll Oscillating Prophy Angle; no chuck ring required
- Fits any low-speed motor
- Autoclavable, one-year warranty

Easy Friction Grip

Pull Out ⬅ ➡ Push In

360° Swivel
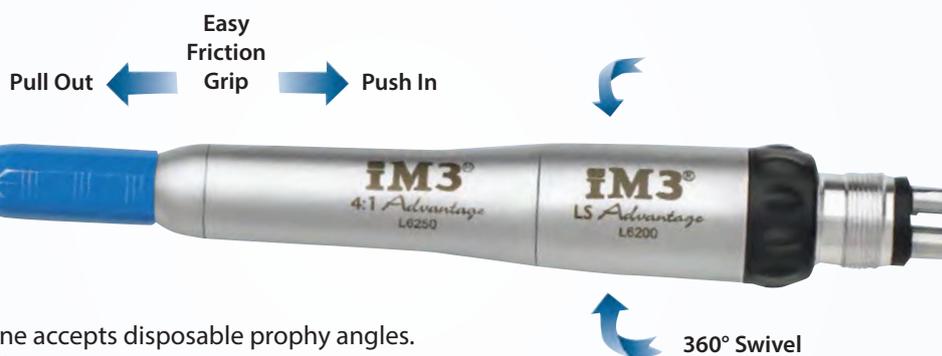
The 4:1 straight nose cone accepts disposable prophy angles. Image shows **L6200** and **L6250**.

### Internal Water Forward & Reverse Low-Speed Motor

**L2010**

- Standard four-hole connection
- Provides internal water when connected to a dental machine with LS water supply
- Suitable for running contra-angle and straight handpieces with internal water
- Forward/reverse and speed adjustable
- Autoclavable 135 °C

**HANDPIECES**

# Low-Speed Motors

### F/O Internal Water F&R Low-Speed Motor

**L8020**

- Adjustable speed and direction
- Generates fibre-optic light for compatible contra-angles and nose cones
- Supplies internal coolant for contra angles
- Autoclavable
- Maximum speed 24,000 rpm
- Four-hole connection
- One-year warranty

### iM3 Forward & Reverse Low-Speed Motor

**L6980**

- Standard four-hole connection
- Forward/reverse and speed adjustable
- No water supply
- Autoclavable 135 °C

### iM3 Add-on E-Motor with LED Screen

**MF100M**

The iM3 Add-on E-Motor with LED screen allows any iM3 air-driven high-speed line or SW low-speed line to be converted into a high-quality, ergonomic electric micromotor that is operated by your standard iM3 foot pedal.

It is particularly small and surprisingly light, making it comfortable to hold. In addition to delivering consistently high power, it also offers features such as LED technology, long service life, and quiet operation.

**Your advantages at a glance:**

- Compact design
- Optimally balanced
- 25% lighter, 15% shorter
- LED technology
- Constantly high power
- ISO Short coupling
- Low maintenance and preserved value
- Quiet and low vibration

**The Brushless EM - 12 L electric motor** offers the perfect balance of performance and ergonomics. Its low weight and low-vibration operation simplify day-to-day treatment workflows considerably.

**The Sensor -** Controlled drive technology ensures precise speeds across the entire speed range. The integrated LED lights up the treatment site with daylight-quality illumination.

**HANDPIECES**

# Low-Speed Contra Angles

### 1:1 LED Internal Water Low-Speed RA Contra-Angle    L2004

- Self-generating LED light and internal water
- Connects to any air-driven or electric low-speed motor
- Single coolant spray; head size diameter: 10.1 mm
- 1:1 - no speed reduction, push-button chuck system, accepts RA burs
- Use with LS motor with internal water (**L2010**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:1 Internal Water Low-Speed RA Contra-Angle    L2005

- Internal water
- Connects to any air-driven or electric low-speed motor
- Single coolant spray; head size diameter: 10.1 mm
- 1:1 – no speed reduction, push-button chuck system, accepts RA burs
- Use with LS motor with internal water (**L2010**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:1 Low-Speed RA Contra-Angle    L2007

- Connects to any air-driven or electric low-speed motor
- Head size diameter: 10.1 mm
- 1:1 – no speed reduction, push-button chuck system, accepts RA burs
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:1 Low-Speed FG Contra Angle    L2006

- Connects to any air-driven or electric low-speed motor
- Head size diameter: 10.1 mm
- 1:1 – no speed reduction, push-button chuck system
- Accepts FG burs
- Autoclavable 135 °C

### 2:1 Low-Speed RA Contra Angle    L2016

- Connects to any air-driven or electric low-speed motor
- Head size diameter: 10.1 mm
- 2:1 – half speed reduction, push-button chuck system, accepts RA burs
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

**HANDPIECES**

Cat. Code

### 4:1 LED Internal Water Low-Speed RA Contra-Angle
**L2002**

- Self-generating LED light and internal water
- Connects to any air-driven or electric low-speed motor
- Single coolant spray; head size diameter: 10.1 mm
- 4:1 – quarter speed reduction, push-button chuck system, accepts RA burs
- Use with LS Motor with Internal Water (**L2010**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 4:1 Low-Speed RA Contra-Angle
**L2008**

- Connects to any air-driven or electric low-speed motor
- Head size diameter: 10.1 mm
- 4:1 – quarter speed reduction, push-button chuck system, accepts RA burs
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 16:1 Low-Speed RA Contra-Angle
**L2015**

- Connects to any air-driven or electric low-speed motor
- Head size diameter: 10.1 mm
- 16:1–1/16 speed reduction, push-button chuck system, accepts RA burs
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:4.5 LED Internal Water Low-Speed FG Contra-Angle
**L2001**

- Self-generating LED light and internal water
- Connects to any air-driven or electric low-speed motor
- Triple coolant spray; head size diameter: 10.1 mm
- 1:4.5 – Speed increasing, push-button chuck system
- Accepts FG burs
- Use with LS Motor with Internal Water (**L2010**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 4:1 Contra-Angle - K-Reamers
**L2017**

This 4:1 contra-angle supports your work with proven hand files, but in a motorised format. It makes your work significantly faster and virtually fatigue-free. Fast, efficient and convenient

Assists you in the preparation of the root canal, with an oscillating motion of approximately 60°.

The small head ensures optimum visibility in the molar area in particular.

**Your advantages at a glance:**

- Proven hand files can still be used
- Oscillating file movements
- Fast and fatigue-free working
- Thermo washer-disinfectable and sterilisable

**HANDPIECES**

# Low-Speed Fibre Optic Contra-Angles

These high-end, low-speed, fibre-optic handpieces work great with the micromotors on iM3 Pro S and iM3 Pro X dental stations. They can also be used on air-driven units using our special Forward and Reverse Fibre-Optic Internal Water Low-Speed Motor (**L8020**).

### 1:1 Fibre Optic Internal Water RA Contra-Angle

**L2022**

- Fibre-optic light and internal water
- Connects to any air-driven or electric low-speed motor
- Single coolant spray; head size diameter: 10.1 mm
- 1:1 - no speed reduction, push-button chuck system, accepts RA burs
- Light requires Fibre-Optic Low-Speed Motor (**L8020**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:1 nano Fibre Optic Internal Water RA Contra-Angle  L8035

- Fibre optic light and internal water
- Connects to any air driven or electric low speed motor
- Single coolant spray; head size diameter: 10.1 mm
- 1:1 - no speed reduction, push-button chuck system, accepts RA burs
- Light requires Fibre-Optic Low-Speed Motor (**L8020**)
- Autoclavable 135 °C

### 1:1 Premium F/O Internal Water RA Contra-Angle

**L8040**

- Fibre-optic light and internal water
- Connects to any air-driven or electric low-speed motor
- Single coolant spray; head size diameter: 9.6 mm
- 1:1 - no speed reduction, push-button chuck system, accepts RA burs
- Light requires Fibre Optic Low-Speed Motor (**L8020**)
- Autoclavable 135 °C

### 1:5 Fibre Optic Internal Water FG Contra-Angle

**L2019**

- Fibre-optic light and internal water
- Connects to any air-driven or electric low-speed motor
- Quattro coolant spray; head size diameter: 10 mm
- 1:5 - Speed increasing, push-button chuck system
- Accepts FG burs
- Light requires Fibre-Optic Low-Speed Motor (**L8020**)
- Autoclavable 135 °C
- Thermo washer-disinfectable and sterilisable

### 1:5 Nano Fibre-Optic Internal Water FG Contra-Angle  L8050

- Fibre-optic light and internal water
- Connects to any air-driven or electric low-speed motor
- Quattro coolant spray; head size diameter: 10.1 mm
- 1:5 - Speed increasing, push-button chuck system
- Accepts FG burs
- Light requires Fibre-Optic Low-Speed Motor (**L8020**)
- Autoclavable 135 °C

**HANDPIECES**

# Polishing Handpieces

### 4:1 Polishing Contra-Angle – RA

**L2021**

- For cups, brushes and snap-on adaptor with 2.35 mm shaft
- Contra-angle 4:1
- Polishing contra-angle handpiece for cups, brushes and snap-on adaptor with 2.35 mm
- Thermo washer-disinfectable and sterilisable

### 4:1 Polishing Contra-Angle – Screw-in

**L2023**

- For all common screw-in cups, brushes and snap-on adaptor
- Contra-angle 4:1
- Proxeo contra-angle handpieces for screw-in cups and brushes
- Thermo washer disinfectable and sterilisable

### iM3 4:1 Reciprocating Polishing Contra-Angle

**L6824**

Polishing contra-angle handpiece.

- 60° reciprocating motion at 4:1 speed
- Push-button chuck system
- Requires mandrel (**MAND06**) and snap-on cups (**P4640**) – not included

### iM3 Low-Speed Complete Polishing Handpiece

**H2060**

Complete motor and nose cone in one.

- Supplied with three changeable nose shrouds for easy cleaning
- Swivel connection allows freedom of movement
- For use with disposable prophy angles, **L7460**, or **L7466**

**HANDPIECES**

# Straight Nose Cones

### iM3 1:1 Straight Nose Cone

L6860

- 1:1 – No speed reduction
- Uses HP burs for rabbit and orthopaedic work
- Ideal for grinding molar teeth in rabbits with long HP diamond burs
- Fits any low-speed air motor or electric motor
- Autoclavable 135 °C

### 1:1 Fibre-Optic Internal Water RA Straight Nose Cone

L8025

- 1:1 straight nose cone with twis-tension chuck system, fibre-optic light, and internal water.
- Requires motor with fibre-optic for light to work
- Accepts all RA and HP burs with a 2.35 mm diameter
- Autoclavable 135 °C

### iM3 1:1 Advantage LED Surgical Straight Nose Cone

L7800

The 1:1 Advantage LED fits any low-speed motor or electric micromotor.

- Self-generated LED bright white daylight is produced by the drive shaft of the low-speed air motor or electric micromotor
- Large illumination area providing outstanding visibility
- Coolant delivery tube with removable and adjustable sterile coolant supply for any bur length
- Ideal for rabbit dentistry and orthopaedic work
- Autoclavable
- Takes HP burs and 3/32" drills

HP Burs

LED light

LED light

Coolant delivery tube, removable/adjustable to any bur length

> " *The light on the 1:1 LED handpiece is magic. I used it last week on a few wombats from Australia Zoo (we see them every 3 months) and it made our job a lot easier.*
>
> *Previously as you know we tried to use things like overhead lights, otoscopes and even the light source from an endoscope. Nothing compares to this device.*
>
> **Dr Aaron Forsayeth BVSc (Hons) MACVSc (Veterinary Dentistry)**
> Australian Veterinary Dental Society President

HANDPIECES

Cat. Code

## iM3 Advantage Handpiece Oil – 30 mL — MD30

- Intelligent oil and short maintenance intervals result in longer lifespan
- MD-30 is an all-synthetic oil specifically designed for the increased workload of veterinary dentistry
- MD-30 contains no toxic constituents, is physiologically harmless and environmentally compatible
- MD-30 also safeguards the durability of plastic parts, coatings and seals
- All iM3 Advantage handpieces must be lubricated with MD-30

## F1 Advantage Handpiece Oil – Aerosol — MD400

All the great advantages of Advantage Handpiece Oil with the added convenience of a compressed aerosol. Saves time and ensures the oil reaches the entire handpiece with a short spray (spray cap required; sold separately).

## WL-clean – 500 mL — HPCLN1

**Solution ready for use.**

For the non-protein fixing inner cleaning prior to disinfection/sterilisation of medical and dental hollow part instruments such as turbines, handpieces, contra-angles, internally cooled instruments and endoscopes.

WL-clean is a medical device of class I. The proof of suitability for cleaning has been given according to the series of standards EN ISO 15883 and according to the specifications of the German Society for Sterile Goods Supply (DGSV) – and has been confirmed by an expert's report. Tested and approved amongst others by KaVo, NSK, SciCan, W+H. Works great as disinfection prior to cleaning in iM3 HCR-100.

## 4-pack of 500 mL Cans (Equates to 2 L) — HPCLN4

## MD 40 Spray Cap – Swivel Handpieces — MD4030

For oiling and cleaning iM3 Advantage Swivel High-Speed handpieces.

## MD 40 Spray Cap – E-Type Handpieces — MD4020

For 1:1 SNC LED and Low-Speed Attachments.

## MD 40 Spray Cap – Swivel Handpieces — MD4010

For High-Speed and Low-Speed Handpiece.

*Adapters for other style connections available on request.*

MD4030

MD4010    MD4020

## MD-500 Oil — ST312

- Lubricating handpiece oil for use in the HCR-100 and Assistina 301
- Only use iM3 approved oil in iM3 handpieces
- Warranties invalidated if non approved oil used
- 500 mL bottle

## MC-1000 Cleaning Solution — ST313

MC-1000 is a cleaning solution for high speed handpieces, straight and contra-angle handpieces, and air motors. For use with the Assitina 301 Plus. 1 litre bottle.
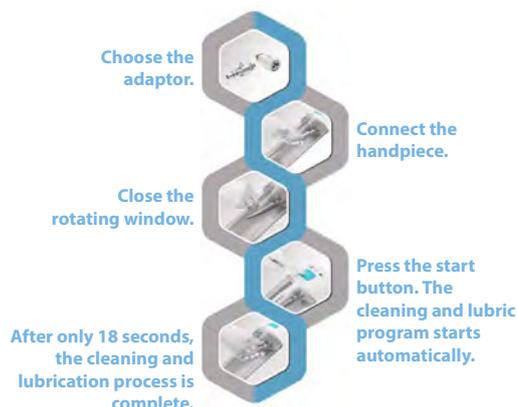
**HANDPIECES**

Cat. Code

### iM3 HCR-100

**HCR101**

Introducing the iM3 HCR-100 Handpiece Lubrication Unit:

- Oil up to three handpieces at once
- E-Type fittings for low speed contra angle or nose cone
- Two fittings for four- or six-hole high speed handpieces
- Adaptors included for two-hole handpieces
- Easy-to-use three-program system: 1-, 1.5- and 2-minute cycle options
- Powered by your dental unit's compressor
- Small footprint – 22 cm x 27 cm
- Low volume operation
- Supplied with 500 mL of MD-500 F1 Lubricating oil (use only MD-500 oil)

Properly oiled handpieces have an exponentially longer expected working life. Ideally, a handpiece should be lubricated every five minutes of actual operating time. With the simple and fast HCR-100, it becomes easy to maintain all your handpieces at peak efficiency.

**Choose the adaptor.**

**Connect the handpiece.**

**Close the rotating window.**

**Press the start button. The cleaning and lubric program starts automatically.**

**After only 18 seconds, the cleaning and lubrication process is complete.**

### Assistina One Maintenance System

**ST001**

Fast, thorough and easy to use: Assistina One speeds up daily operations and facilitates dental handpiece care. With the shortest cycle time in its class and its high-quality care results, the innovative maintenance solution is a top dental device – designed for top dental professionals.

**Assistina One + 1 Quick ISO + 1 Quick RM**

- Air connection hose (2 m)
- One Care Set
- 1 Quick ISO adaptor
- 1 Quick RM adaptor

The entire lubrication and spray channel cleaning process takes only 18 seconds, making the Assistina One the fastest maintenance solution in its class.

It only works with compressed air; no electric power supply is needed. The unit is set up and ready to go in no time at all.

Together with the one-touch start button and convenient cartridge management for refilling oil and cleaning liquids, the Assistina One is a modern maintenance solution for dental practices with high standards in handpiece care.

### Assistina One Care Set

**ST002**

Consumables are easy to replace without any tools.

Includes:

- 1 cartridge of Activefluid (200 mL)
- 1 cartridge of Service Oil F1 (200 mL)
- 1 HEPA filter

**HANDPIECES**

Cat. Code

## Assistina Twin Maintenance System

**ST302**

The Assistina Twin can be tailored to meet the individual needs of your veterinary practice. It can process up to 360 instruments per hour thanks to its innovative short processing time, ergonomic design, and wide range of adaptors.

- **Process:** Cleaning the spray channels, lubrication
- **Suitable for:** Straight and contra-angle handpieces, turbine handpieces, air scalers, air motors
- **Supply voltage:** 100 – 240 V AC

The Assistina Twin is unique among maintenance devices because of its innovative duo-chamber system, record time lubrication and the environmentally friendly Care Set.

**Includes:**

- Assistina Twin Maintenance System
- RM Connection as standard
- HPI adaptor for ISO fittings
- Assistina TWIN Care Set
- Air supply hose (2 m)
- Power supply unit and adaptor

**GROUNDBREAKING TECHNOLOGY**

Thorough and comprehensive lubrication of the gear parts (orange) and cleaning of the spray channels (green) owing to the innovative oil nebulization technology

### SPECIFICATIONS

| | |
|---|---|
| **Maximum power consumption** | 18 VA |
| **Air consumption** | Approx. 40 Nl/min. |
| **Operating pressure** | 5 – 10 bar (controlled via an integrated, automatic pressure controller) |
| **Dimensions (W x D x H)** | 297 x 435 x 190 mm |
| **Weight:** | 3.5 kg |
| **Capacity** | 200 ml W&H Activefluid cleaning solution |
| | 200 ml W&H Service Oil F1 |
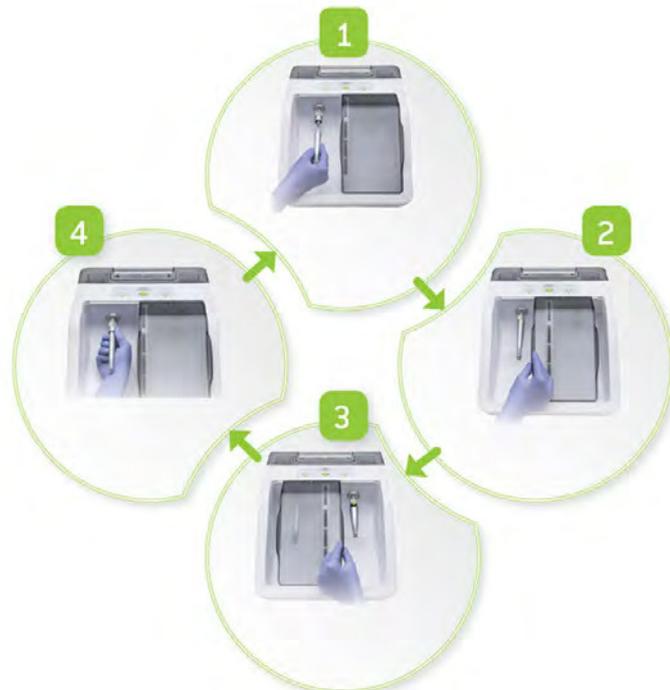
1. Connect the instrument in chamber **1**.
2. Close chamber **1** and start process.
3. Connect the second instrument and close chamber **2** as soon as the process in chamber **1** is complete.
4. Remove instrument from chamber **1** and repeat steps **1** and **2**.

**HANDPIECES**

# 06 | SCALERS & MICROMOTORS

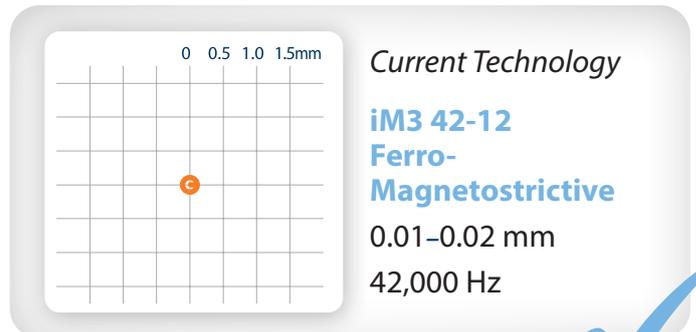**iM3 42-12 Scaler**

**Piezo Scalers**

**Polishing Micromotors**

**Pump Up Tanks**

**Scaling Tips**

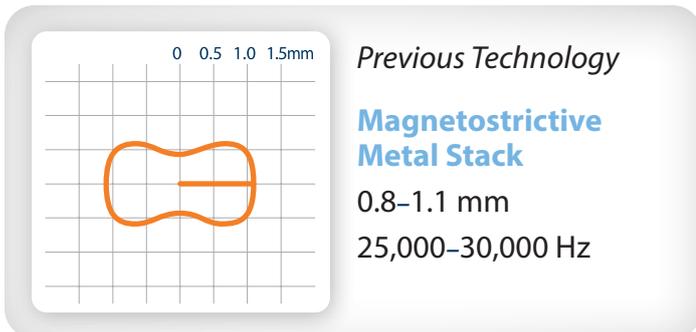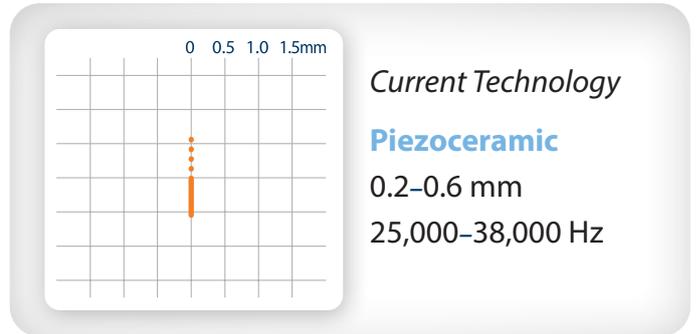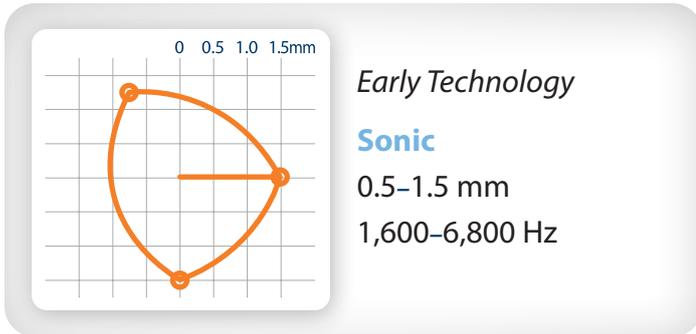**Cordless Polishers**

**Air-driven Scalers**

# THE ULTRASONIC DIFFERENCE
## AMPLITUDE, FREQUENCY AND TIP MOTION

*Early Technology*

**Sonic**

0.5–1.5 mm

1,600–6,800 Hz

*Current Technology*

**Piezoceramic**

0.2–0.6 mm

25,000–38,000 Hz

*Previous Technology*

**Magnetostrictive Metal Stack**

0.8–1.1 mm

25,000–30,000 Hz

*Current Technology*

**iM3 42-12 Ferro-Magnetostrictive**

0.01–0.02 mm

42,000 Hz

*Smaller tip motion (movement) means less enamel damage.*

## iM3 42-12 Ultrasonic Scaler (42,000 cycles)

Unlike other scalers mentioned above, the iM3 42-12 Ultrasonic Scaler uses a high ultrasonic frequency, rather than physical scraping, to remove plaque and calculus. The 42-12 tip is round and rotates in a circular motion (0.02 mm diameter) causing little or no enamel damage. The tip has no sharp sides like the Piezo or Cavitron-style scaler. The 42-12 scaling tip is made from titanium and is fitted with a ferrite

rod (not metal). The tip generates little or no heat and can be safely used subgingivally up to 13 mm.

The big advantage of the 42-12 is the speed at which a prophylaxis can be performed and the ability to be used safely subgingivally. Many users report that scaling time is reduced by half compared to previous scalers used.

*Not all ultrasonic scalers are the same!*

*A survey of 4,737 AAHA members in the USA – of which 667 responded completing a comparison of the 5 major ultrasonic dental scalers in 15 categories – iM3 came in first in every category, scoring a 90% overall satisfaction.*

**Trends Magazine**

SCALERS & MICROMOTORS

Unlike other ultrasonic tooth scalers that use a 'jackhammer' approach to scaling, the 42-12 adopts a gentler technique with its rotational tip movement and ultrasonic removal of plaque and calculus.

Cat. Code

## 42-12 Ultrasonic Scaler    O6979

The 42-12 rapidly removes heavy calculus deposits from all tooth surfaces and is safe to use in periodontal pockets up to 13 mm deep.

The 42-12 achieves a highly polished finish on the tooth with less enamel damage by using an exceptionally high ultrasonic frequency of 42,000 Hz, coupled with an extremely low amplitude of the titanium scaler tip's circular movement of 0.02 mm.

- Power is permanently set at a high 42,000 Hz frequency (cycles) yet is safe to use in periodontal pockets up to 13 mm deep. No other veterinary ultrasonic scaler can do this safely because they produce too much heat
- Lightweight handpiece with finger on/off control right where you need it, eliminating the need for a foot control.
- The rotational tip movement and high ultrasonic frequency create a fine, adjustable coolant mist
- Rapidly removes plaque and calculus from all tooth surfaces, while using a lighter touch on the enamel than required of other ultrasonic scalers
- Unit supplied with universal and perio titanium tips and spare ferrite rod
- Titanium tips last three to four times longer than stainless steel scaler tips
- Handpiece and tips are autoclavable

*Lightweight handpiece with finger on/off control*

" *Faster, easier to use, quieter; less tooth damage. In a class of its own compared to anything else!*

**42-12 User, Utah, USA**

## iM3 42-12 Ferrite Rod and Scaler Tip Insert

**1. Ferrite Rod**    O6860
For the iM3 42-12 Scaler Tip Insert.

**2. Universal Tip**    O6840

**3. Perio Tip**    O6850

**4. Thinline straight tip**    O6845
Ideal for felines and small mouths.

## Tip Wear Guide

Use the 42-12 Ultrasonic Scaler Tip Wear Guide to check whether your ultrasonic scaler tip needs to be replaced.

- Tip wear will significantly reduce scaler performance as it will alter the ultrasonic frequency.
- The ferrite rod must be tight – a loose or broken rod will cause poor or no vibration.
- A correctly functioning tip used on a power setting of 3–4 lights will produce a coolant mist around the tip.

SCALERS & MICROMOTORS

Cat. Code

### iM3 P6 LED Piezo Ultrasonic Scaler

**U2200**

The P6 LED Piezo includes all of the great features on the standard P6 as well as a bright white LED ring at the end of the handpiece illuminating the scaling tip and working area.

The LED light has a built-in delay that keeps the light on after you release the control pedal, keeping the working area illuminated. The system includes four scaling tips that are autoclavable.

**LED**

### iM3 PL3 Polisher

**L4200**

The iM3 PL3 Polisher is a user-friendly, stylish, and compact system. The polisher features a built-in digital display for viewing motor rotation speed and offers speed control from 0 to 30,000 rpm. The PL3 comes equipped with an automatic feedback control and powerful torque.

The iM3 PL3 includes: Micromotor, iM3 1:1 straight nose cone, foot pedal and 10 iM3 oscillating disposable prophy cups and paste.

- Dimensions: 19.2 cm (L) x 15.5 cm (W) x 8.5 cm (H)
- Handpiece cable length: 2.5 m
- Max polisher speed: 30,000 rpm
- Covered by warranty, sold, and serviced by iM3

### iM3 SP6 LED Piezo Scaler and Micromotor

**L4400**

The iM3-SP6 combines the latest Piezo P6 LED technology and micromotor in a compact user-friendly design. The power setting for both the scaler and micromotor is easily adjusted via the digital LCD display and the micromotor rotates up to 30,000 rpm. The iM3-SP6 is supplied with a 1:1 straight nose cone allowing the system to be used for polishing with the prophy angles supplied and the speed turned down to approximately 4,000 rpm.

**iM3 SP6 is supplied with:**

- Micromotor with E fitting
- iM3 1:1 straight nose cone
- Two universal scaling tips
- Foot pedal control

- Starter polishing pack, including prophy angles and paste
- Water line with male QD connector

### *Optional*

### Pump-up tank

**U2010**

Pump-up water tank with fittings for standalone use is available from iM3.

**SCALERS & MICROMOTORS**

## Replacement Piezo Scaling Tips

For use with iM3 P6, P6 LED, SP6, SP6 LED, and Evolution Range P6-fitting Scalers.

**P6 Piezo Tip - Universal (Coarse)**

For coarse depuration of supragingival calculus.

U6S01

**P6 Piezo Tip - Universal (Fine)**

For fine depuration of supragingival calculus.

U6G3

**P6 Piezo Tip - Perio - 1P**

For removal of subgingival deposits.

U6PD3

**P6 Piezo Tip - Perio - 3Pl**

Left-curved tip for periodontal debridement.

U6P2DL

**P6 Piezo Tip - Perio - 3Pr**

Right-curved tip for periodontal debridement.

U6P2DR

**P6 Piezo Tip - Perio - 4P**

Diamond-coated tip for cleaning the root surface.

U6PD3D

**P6 Piezo Tip - Perio - 5Pl**

Left-curved tip with diamond coating for cleaning the root surface.

U6PD2LD

**P6 Piezo Tip - Restoration - 1R**

For expandin fissures.

U6PD4D

**P6 Piezo Tip - Restoration - 3Rm**

Part-diamond tips for finishing approximal mesial cavity edges.

U6SBD2

**P6 Piezo Tip - Endo - 2E**

For lateral thermal condensation of gutta-percha.

U6ED14

**P6 Piezo Tip - Endo - 3E**

For removing broken instruments in the root canal.

U640D

**P6 Piezo Tip - Endo - 5E**

For vibrating and removal of root canal posts.

U6GD7

# P6 SCALING TIPS

Knowing when to replace your tips is essential, as tip wear will significantly reduce scaler performance – altering the ultrasonic frequency.

Each tip is designed for different cleaning needs, from coarse to fine depuration, for tackling both large deposits and interdental areas.

*Up to 1 mm:* Optimum efficiency

*1-2 mm:* Time to reorder

*Over 2 mm:* Time to dispose

**CLICK HERE TO DOWNLOAD THE P6 SCALING TIP GUIDE**

## Universal (Coarse)
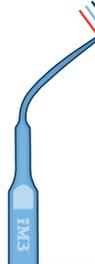
U6S01

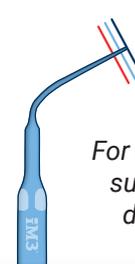*For coarse depuration of supragingival calculus.*

## Universal (Fine)

U6G3

*For fine depuration of supragingival calculus.*

## Perio 1P

U6PD3

*For removal of subgingival deposits.*

↻ Reorder new tips at **www.im3vet.eu**

⚠ Please use the correct wrench supplied with the tip, and make sure it is fully tightened.

SCALERS & MICROMOTORS

# ULTRA SCALING TIPS

Knowing when to replace your tips is essential, as tip wear will significantly reduce scaler performance – altering the ultrasonic frequency.

Each tip is designed for different cleaning needs, from coarse to fine depuration, for tackling both large deposits and interdental areas.
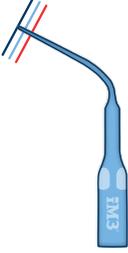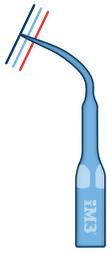
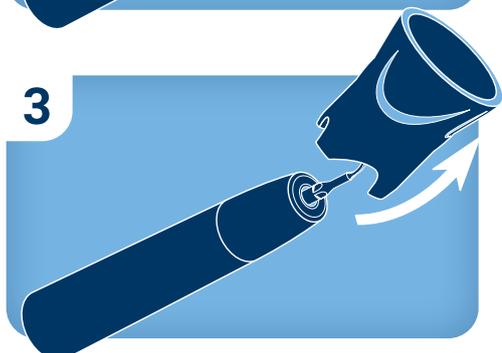**Up to 1 mm:** Optimum efficiency
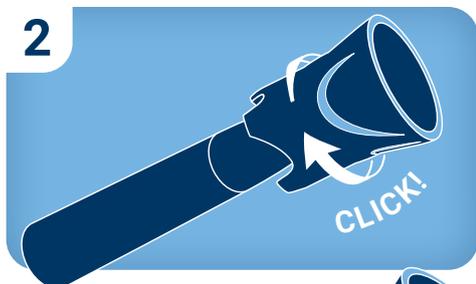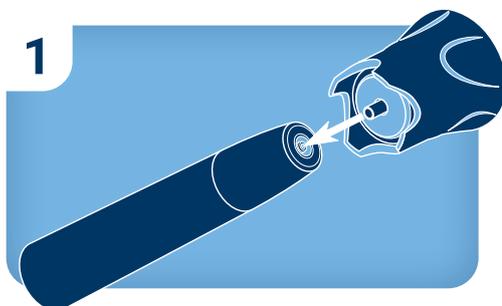
**1-2 mm:** Time to reorder

**Over 2 mm:** Time to dispose

## CLICK HERE TO DOWNLOAD THE ULTRA SCALING TIP GUIDE

### Perio - 1P
**U801P**

*Suitable for the removal of subgingival deposits.*

*Operating Settings:*

| Ideal: 10 | Max: 30 |

### Universal - 1U
**U801U**

*Suitable for coarse depuration of supragingival calculus.*

*Operating Settings:*

| Ideal: 30 | Max: 40 |

### Universal - 2U
**U802U**

*Suitable for fine depuration of supragingival calculus.*

*Operating Settings:*

| Ideal: 20 | Max: 30 |

### Universal - 3U
**U803U**

*To remove supragingival calculus; suitable for interdental cleaning.*

*Operating Settings:*

| Ideal: 20 | Max: 30 |

Reorder new tips at **www.im3vet.eu**

Please use the correct wrench supplied with the tip, and make sure it is fully tightened.

**1**

**2**

CLICK!

**3**

## How to use the wrench to change tips

- Using the torque wrench, insert the scaler tip into the handpiece coupling.

- Rotate the torque wrench clockwise until it is tight; proceed to rotate the wrench clockwise for 3 more turns. The tip is now secured.

- Do not 'rock' the torque wrench while installing the tip! Lateral movement can result in a broken tip or damaged handpiece.

- **NOTE:** *Only iM3 scaler tips can be used with the Ultra Scaler.*

**?** *"I am seeing "Error 6" / my scaler light is flashing – why is this?"*

First, check that your scaler tip is correctly attached to the scaler coupling. If the issue persists, replace the scaler tip with a new iM3 tip.

If this fails to solve your issue, please contact us at: **sales@im3vet.com**

**SCALERS & MICROMOTORS**

## Advanced Piezo Tip Range for iM3 Ultra LED, iM3 Pro S and iM3 Pro X

Our comprehensive range of Piezo scaler tips is designed for use with Ultra-fitting handpieces, including the iM3 Ultra LED Scaler, iM3 Pro S, and iM3 Pro X Dental Stations. Used for a range of purposes including periodontics, restorations and endodontics.

### Universal – 1U

Suitable for coarse depuration of supragingival calculus.

U801U

### Universal – 2U

Suitable for fine depuration of supragingival calculus.

U802U

### Universal – 3U

To remove supragingival calculus, suitable for interdental cleaning.

U803U

### Universal – 4U

Perfect tip for removing large areas of calculus.

U804U

### Perio – 1P

Suitable for the removal of subgingival deposits.

U801P

### Perio – 3Pl

Left-curved tip for periodontal debridement.

U803PL

### Perio – 3Pr

Right-curved tip for periodontal debridement.

U803PR

### Perio – 4P

Diamond coated Perio tip.

U804P

### Perio – 5P

Diamond-coated tip for cleaning furcations and concavities.

U805P

### Perio – 5Pl

Left-curved tip with diamond coating for cleaning the root surface.

U805PL

### Perio – 5Pr

Right-curved tip with diamond coating for cleaning the root surface.

U805PR

### Restoration – 1R

For expanding fissures.

U801R

### Restoration – 3Rm

Part-diamond tips for finishing approximal mesial cavity edges.

U803RM

### Endo – 1E

Non-cutting instrument for effective rinse activation in the root canal system.

U801E

### Endo – 2E

Tip for lateral thermal condensation of gutta-percha.

U802E

### Endo –3E

For removing broken instruments from the root canal.

U803E

### Endo – 4E

For preparation of the pulp chamber.

U804E

### Endo – 5E

For vibrating and removing root canal posts.

U805E

### Endo – 6E

For removing root canal fillings and root canal calcifications.

U806E

SCALERS & MICROMOTORS

## iM3 Cordless Polisher

***The new freedom of rotary polishing:***

The iM3 Cordless Polisher enables unrestricted polishing in a variety of clinical situations. Enjoy complete freedom of movement without cords.

***German Design Award:***

The iM3 Cordless Polisher was honored as one of the Product Innovations 2020 in the German Design Awards. The product's high-quality design and communication concept were evaluated. It is thus considered one of the defining products in the international product and design landscape.

***Main advantages at a glance:***

- Cordless handpiece
- Lighter than many smartphones
- Cordless foot control
- Works with disposable prophy angles
- No pulling from the cable
- Li-Ion battery

### ✓ MORE ADAPTABLE THAN EVER

The cordless, ergonomic design means that the handpiece can easily be rotated 360° in the hand, enabling dynamic adjustment of the working position.

### ✓ MAKE IT EASIER ON YOURSELF

The cordless handpiece along with the disposable prophy angle is less than half the weight of many connected motors – for even greater comfort when polishing.

### ✓ ALLOWS YOU COMPLETE FREEDOM

Twist and turn the handpiece at will and change your treatment position as needed for better access and an unrestricted view.

### ✓ FOLLOWS YOU EVERY STEP OF THE WAY

With the cordless foot control you can move much more freely and quickly change your position in relation to the patient.

### ✓ SUPPORTS YOUR BACK

Without a cable, you can pay greater attention to maintaining an ergonomic and back-friendly posture. Cord dragging is now a thing of the past.

For use with iM3 prophy angles, **L7460** or **L7466.**

SCALERS & MICROMOTORS

## iM3 Air Scaler

Fast, gentle, and powerful, the iM3 Air Scaler with integrated spray is ideal for the removal of plaque and calculus as well as cleaning root surfaces.

The clever design of the Air Scaler means it draws power from the air supply of your iM3 Dental Unit, resulting in fewer cables and no need for a set-top box. The Air Scaler connects to the standard iM3 Advantage Swivel Coupling.

- Air-driven with integrated spray
- 360° swivel coupling
- Supplied with 4 tips – 3 varied universal and 1 perio
- Oscillating frequency: 6 kHz
- Oscillation amplitude: < 200 µm
- Autoclavable 135 °C

Cat. Code

### iM3 Air Scaler                    U5001

The Air Scaler (code **U5001**) requires **L7400** for use (coupling sold separately) and is suitable for 4-hole air lines such as the iM3 GS Deluxe and Elite dental units. Alternatively, use with **L746H** for use on 6-hole air lines such as the iM3 Pro S and iM3 Pro X.

### iM3 Air Scaler with Coupling          U5101

The Air Scaler code **U5101** connects to the standard iM3 Advantage Swivel Coupling *(included)*.

**U5101**
**With Coupling**

**U5001**
**No Coupling**

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### Air Scaler Tip - Periodontal 1AP          U51AP

- For removal of subgingival deposits, especially suitable for deep periodontal pockets
- For use with iM3 Air Scaler

### Air Scaler Tip - Universal Coarse 1AU          U51AU

- For removal of calculus, universally applicable
- For use with iM3 Air Scaler

### Air Scaler Tip - Universal Fine 2AU          U52AU

- For cases involving stubborn adhesion of thick, hard collars of dental calculus
- For use with iM3 Air Scaler

### Air Scaler Tip - Universal Interdental 3AU          U53AU

- For removal of interdental plaque
- For use with iM3 Air Scaler

SCALERS & MICROMOTORS

# 07 DENTAL UNITS

iM3®

**i**

Innovative product

# iM3® EVOLUTION RANGE

## OF VETERINARY DENTAL UNITS

*Evolve* into **Advanced**, **Professional** *Veterinary Dentistry!*

Made in Ireland

AVAILABLE ON

iM360

# **iM3** EVOLVE

The *iM3 Evolve* dental unit is the perfect entry-level for veterinary dentistry.

As standard, the *Evolve* comes with an **LED high-speed handpiece**, a **low-speed air handpiece**, and a **three-way syringe**. A built-in piezo scaler is a popular optional extra, making it a complete unit for basic dentistry. The *Evolve* also offers an optional low-speed function with water cooling, allowing the use of contra-angles with RA burs and polishing discs.

True to its name, this unit can evolve. As your practice develops into more advanced dental procedures, the *Evolve* dental unit can be upgraded with the features of the iM3 *Advanced* and iM3 *Professional* units.

# **iM3** ADVANCED

The *iM3 Advanced* dental unit is geared toward the more experienced veterinary dental practitioner.

Building upon the iM3 *Evolve*'s features and options, the *Advanced* unit comes as standard with iM3's **autoclavable suction**. The *Advanced* unit also introduces the optional **electric micromotor** and **display screen**.

iM3 recommends the *Advanced* unit for those ready to take their level of dental care forward, as well as for busy practices and hospitals performing daily dental work.

# **iM3** PROFESSIONAL

The *iM3 Professional* dental unit sets the standard for true veterinary dental equipment.

The *Professional* unit is another step up in terms of functionality and versatility, combining the features of the *Evolve* and *Advanced* units with an optional **curing light**. This unit can be tailored to suit the needs of any veterinary dentist.

Visit the iM3 website where you can use our simple tools to tailor your own perfect veterinary dental unit.

## **MOUNTING OPTIONS**

All units in the iM3 *Evolution* Range can be supplied as **mobile carts** (with or without in-built compressors), **wall-mounted**, or mounted on the **iM3 Tara table** for the ultimate dental working environment.

# iM3 EVOLUTION RANGE FEATURES

## LED HIGH-SPEED HANDPIECES

A **European-made** LED handpiece offers **400,000 rpm** for efficient sectioning, with daylight-like illumination for comfortable work and clear colours. Its **360° swivel coupling** minimises fatigue through easy rotation and low weight. The **triple coolant spray** provides precise cooling, while a **hygienic head** prevents aerosol intake.

## LOW-SPEED HANDPIECES

Choose between traditional air-driven and advanced electric micromotor options:

### Air-Driven
Air-driven handpieces are **low torque** and are easier to work with, making them suitable for beginners. The *Advantage* Low-Speed Motor is lightweight and shorter than conventional models, reaching a maximum speed of **25,000 rpm**.

### Electric Micromotor
The optional built-in electric micromotor opens up a wide range of possibilities for advanced veterinary dentistry. Veterinarians can benefit from a European-made, high-torque, compact-sized, and lightweight motor with an **LED light**, **durability**, and **quiet operation**. The intelligent premium motor stops when over-torqued, making it the perfect choice for expert veterinary dentists.

## HANDPIECE CABLES

The new handpiece cables feature a **quick release** and a **built-in oil filter**, allowing even easier maintenance. The straight cables are easy to clean and do not tangle.

## THREE-WAY SYRINGE
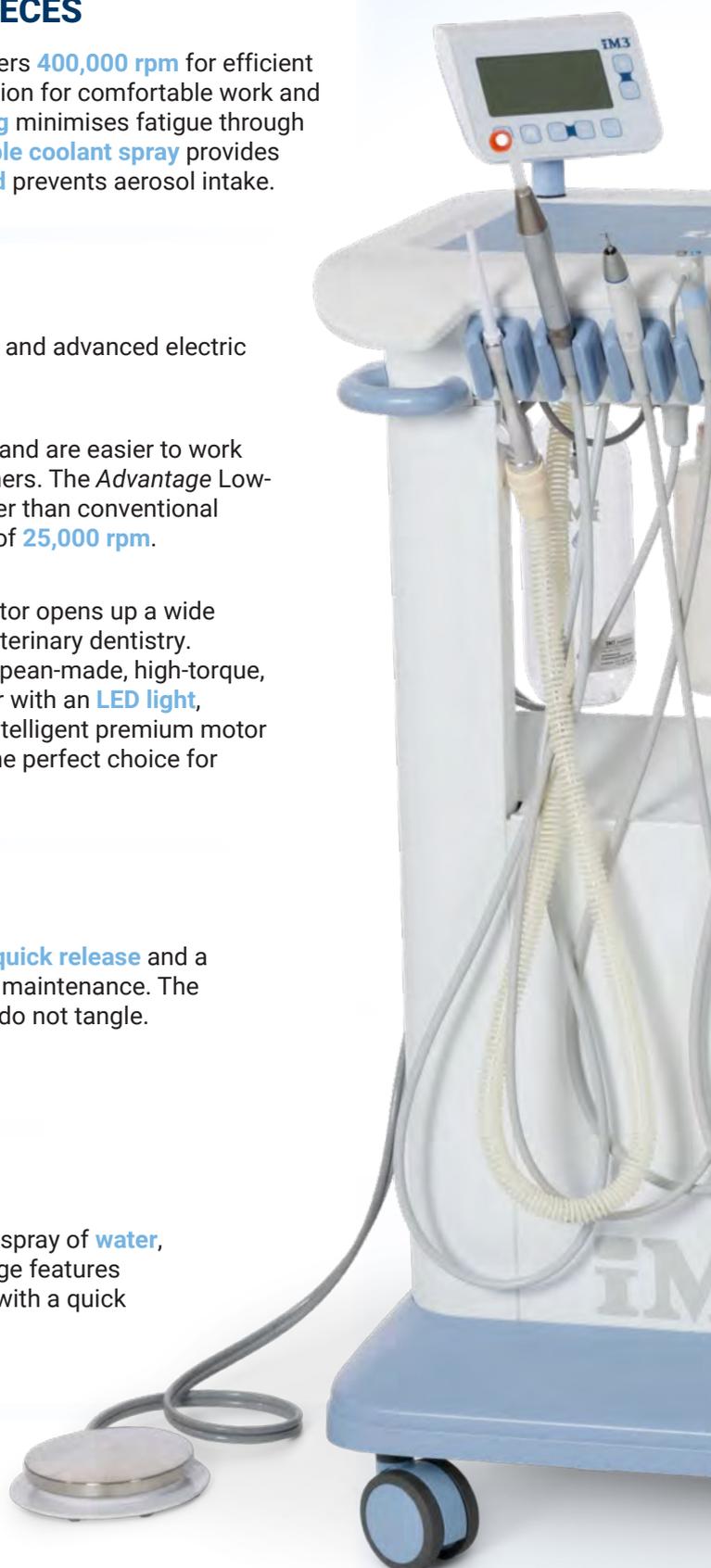
Capable of producing a blast of **air**, a spray of **water**, or a combined **mist**, the *Evolution* range features a lightweight and ergonomic syringe with a quick disconnect for easy maintenance.

## FOOT CONTROL

The foot control is used to operate all instruments on the unit. It is **air-based**, making it **waterproof** and more reliable than electric pedals.

**DENTAL UNITS**

## DIGITAL SCREEN

*Evolution* Range dental units with electric micromotors also feature our new, easy-to-use **LCD screen** for adjusting **speed**, **direction**, and **torque** settings on the motor. The screen also controls **scaler power**.

## BUILT-IN SCALER

**European-made piezo-ceramic scalers** are now built-in as an optional feature on iM3 dental units - high quality and with an **LED light**. Alternatively, external scalers can be used, thanks to a coolant outlet and power board.

## BUR MAGNET

The iM3 designed **magnetic bur holder** prevents burs from falling on the ground; keeping them securely in place where you need them. The *Evolution* Range features magnets on both sides of the control top to save you from reaching over the handpieces.

## CARTRIDGE TOGGLES

All iM3 toggles can be **changed in seconds** due to the cartridge valve system. This advanced feature allows for the **quick cleaning and replacement of valves**, reducing machine downtime and loss of revenue.

## CURING LIGHT

This optional built-in curing light has a dominant wavelength between **440 nm** and **465 nm** and an LED light emission of over **1,400 mW/cm²**. It offers two curing modes: a fast 10-second setting and a slow 20-second setting.

## AUTOCLAVABLE SUCTION

Automatic suction with suction tips, handpiece, and smooth bore suction tubing that can be easily removed and autoclaved. Waste is collected in an **easily accessible one-litre container** with a replaceable filter. Thanks to iM3's powerful compressor, suction and handpieces can **operate concurrently** with no loss of performance.

DENTAL UNITS

# iM3 EVOLUTION RANGE FEATURES *(CONTINUED)*

## INSTRUMENT TRAY

The *Evolution* Range features a built-in instrument tray with a **non-slip silicone mat**. The Corian® surface is impervious to bacteria and **easy to clean**, unlike fibreglass and plastic surfaces.

## BOTTLES AND STRAW

All *Evolution* Range units are fitted with **two coolant bottles**, one for the CLS solution and the other for water. The latest innovations remove the need for a pressure switch, as the unit can independently detect the presence of the bottles.

The **iM3 Straw** is standard on all units in the range. The Straw provides continuous disinfection to the coolant water for 365 days. It is non-toxic, non-corrosive, and does not adversely affect composite bond strength.

## HANDLES

You asked, and we provided: the iM3 *Evolution* Range features a **robust handle for manoeuvring** the unit into position.
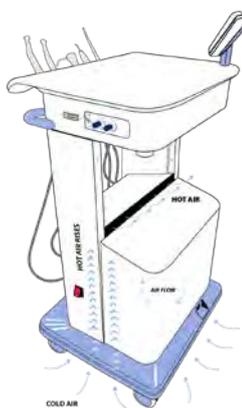
## AIR FLOW

iM3's innovation employs a chimney effect to keep compressors cool, allowing them to **run continuously for over 10 hours** inside an enclosed housing. This natural convection process maintains reliability without the need for additional cooling systems.

## POWER BOARD

**On-board power outlets** for additional equipment help to keep the surgery organised.

## INTERNALS

The new *Evolution* Range builds on iM3's long-lasting ethos, creating dental units designed for the rigours of working in demanding veterinary clinic environments worldwide.

All internal air, water, and electric lines are **colour-coded**, and electronics are modular for **easy repair** should it become necessary, many of which can be carried out by the user.

## COMPRESSOR

iM3 developed the first **oil-free compressor** fitted to a dental machine with suction. Oil-free technology eliminates the risk of oil contaminants entering the air supply of the dental machine. It also significantly **reduces maintenance** requirements.

## SOUNDPROOFING

Using high-quality soundproofing from the automotive industry helps the *Evolution* Range be user and patient friendly, with **reduced noise** and **reduced heat**.

## STORAGE

For those who opt for central compressors, the space can be reused to provide **three convenient instrument storage shelves** and a **small equipment shelf**, perfect for the *iM3 Vet Tome*.

## LOCKABLE CASTORS

These **hospital-grade castors** are designed to remain mobile while preventing the accumulation of hair or dirt. The back castors feature a new **locking mechanism**.

DENTAL UNITS

# iM3 EVOLUTION RANGE FEATURES *(CONTINUED)*

## iM3 ADVANTAGE LED HIGH-SPEED HANDPIECE

The Advantage LED High-Speed (400,000 rpm) Handpiece and Swivel with an in-built generator creates its own LED light.

With a colour temperature of 5,500 K, the Advantage produces a radiation spectrum that corresponds to daylight. The high-colour rendering index (CRI 90) of the LED enables more comfortable work thanks to daylight-quality illumination and provides exceptional reproduction of natural colours and clear colour contrasts in the mouth.

The Advantage minimises fatigue thanks to the easy 360° rotation of the handpiece on the coupling, the low weight and the slender design. The unique handpiece design also allows for component replacement on site by the user.

- **Simple FG bur changing** - push-button design and yellow iPush included.
- **Precision bur cooling** - triple coolant spray produces a mist around the bur.
- **Patented hygienic head** - prevents aerosol particles from being sucked into the turbine.
- **Replaceable water filter**, four-hole connection, autoclavable. Made in Austria, with a one year warranty. Supplied with **L7050 iPush** & **MD30 oil**.
- **Veterinary-specific reinforced metal threads and couplings** set the iM3 Advantage handpieces apart from human dental handpieces, which typically use plastic. As a result, iM3 Advantage handpieces are built to far better withstand the strains of a veterinary workload than the human dental equivalents.

## iM3 ADVANTAGE LOW-SPEED HANDPIECE

The classic air-only option, great for polishing, the Advantage Low-Speed Motor is ergonomically designed to be more user-friendly. The motor is lightweight and shorter than conventional low-speed motors.

The Advantage 4:1 reduction straight nose cone reduces the speed of the motor and accepts disposable prophy angles for polishing. The unique design means the nose cone is shorter and lighter, so fitting prophy angles is as simple as pushing them on.

iM3 recommends Rock & Roll polishing angles (**L7466**), as the 60° reciprocating "back and forth" action of the prophy cup prevents muzzle hair from being tangled and allows the cup to have continuous contact on the tooth surface. The reciprocating action also reduces heat and friction on the tooth and doesn't splatter prophy paste.

Compatible with the Straight Nose Cone (**L6860 - sold separately**), the iM3 Advantage Low Speed Motor is also great for rabbit dentistry.

## LOW-SPEED HANDPIECES - iM3 SW FEATURE

Opening the door to more advanced dentistry, the SW (*Slow Water*) feature adds **coolant** to the low-speed handpiece lines, and is available as an option on all *Evolution* Range dental units.

The SW models are supplied with a speed adjustable, low-speed motor (with forward and reverse) and a 1:1 LED contra angle handpiece with water, allowing the use of specialist **RA burs** and **polishing discs** to be used.

DENTAL UNITS

# ELECTRIC MICROMOTORS

The *Evolution* Range introduces the option of Electric Micromotors to iM3's core range of veterinary dental units and represents a significant leap forward for the industry.

iM3's **brushless electric motor** offers impressive functionality and comfort. It is particularly small, surprisingly light, and comfortable to hold, and in addition to the consistent high power, also scores extra points with its features such as LED technology, long service life and quiet operation.

The **ISO Short coupling**, also known as an E-Type connection, means the motor is compatible with all conventional straight and contra-angle handpieces, resulting in high performance, reliable durability and a broad spectrum of speeds from 100 to 40,000 rpm.

Optional contra-angles include **1:1** and speed-increasing **1:5**. These high-quality, European-made contra-angles combine with iM3's electric motor for a considerably shorter and noticeably lighter complete system. This makes it possible to satisfy the highest ergonomic demands and effectively avoid fatigue, even when working for extended periods of time.

The **LED technology** integrated in the motor lights the treatment site with daylight-quality illumination. The long-lasting brushless drive means reduced service and maintenance costs, combined with an increased service life. Sensor-controlled drive technology makes it particularly quiet and largely free from vibration.

*Evolution* Range dental units with electric micromotors also feature our new easy-to-use LCD screen for adjusting speed, direction and torque settings on the motor.

# HIGH QUALITY MATERIALS - HANDMADE IN EUROPE

iM3 is renowned for our **long-lasting dental units**, with some units still working in practice that were first manufactured over 30 years ago by our founder in Australia. The new *Evolution* Range builds on this long-lasting ethos, creating dental units made for the rigours of working in the extreme environments of veterinary clinics worldwide.

All the *Evolution* Range dental units are **hand-built** using materials that can withstand daily use in a busy veterinary clinic. From the full aluminum frame and panels to the medical-grade powder coating and Corian® dental top, iM3 sets standards that others could only wish for. The *Evolution* Range sets the benchmark for usability and durability in every veterinary dental practice.

Using the iM3 *Evolution* Range base, you can build the dental unit that is needed today, with the knowledge that it can **grow with you** as you gain more expertise and require a bigger and better dental unit. At any point you can add micromotors, scalers and light curing units.

You can also **upgrade your unit** from being a standalone unit to a wall mounted unit, to even attaching it to a dental table.*

*\* Upgrades of handpiece and instrument options after sale require returning the control top to iM3's manufacturing facility in Ireland. Upgrades cannot be performed on-site.*

DENTAL UNITS
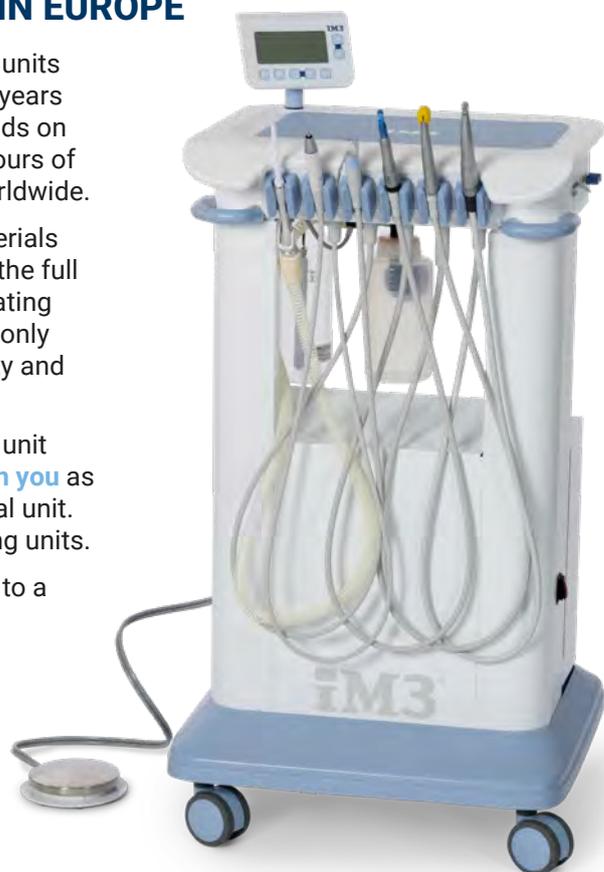
A MAJOR ADVANCEMENT IN TOOTH EXTRACTION BROUGHT TO YOU BY iM3!

# Vet-Tome®

*Revolutionize your workflow – faster extractions and superior bone preservation in one atraumatic system.*

**DENTAL UNITS**

> *I love my Vet-Tome!*
>
> *My extractions are more elegant and less stressful. With the aid of a thin blade, the Vet-Tome cuts the periodontal ligament, allowing me to get most teeth out with minimal trauma.*
>
> **Jean Battig, DVM, DAVDC**
> Animal Dental Clinic NW
> Advanced Dentistry & Oral Surgery
> www.animaldentalclinicnw.com

The iM3 Vet-Tome is an automated electric periotome with foot pedal operation that enables precise tooth extraction with minimal or no alveolar bone loss and reduced trauma.

- Ultra-thin tips allow easy insertion into the periodontal ligament space on all canine and feline teeth.

- The flexible tip bends (unlike rigid tips) and follows the curve of the root. At 40 mm long, it can reach the apex of most canine teeth, making it ideal for canine extractions.

- The mechanical in-and-out action of the tip, generated by the electric handpiece, advances the tip into the PDL, reducing the physical work normally associated with extractions.

- The replaceable tips protrude straight out of the handpiece, allowing better access to the tooth compared with human systems, where the tip functions at a right angle to the handpiece.

- The non-twisting action of the Vet-Tome results in minimal tissue damage (see video below) compared to units that reciprocate or use gentle vibration. The Vet-Tome tip does not generate heat.

- 10 adjustable power settings and different-sized, veterinary-specific tips for patients ranging from small cats to large dogs, and even lions.

- The Vet-Tome operates independently from your air-driven dental unit, allowing both units to function simultaneously and increasing overall efficiency.

- Educational extraction videos performed by Dr Anthony Caiafa (BVSc BDSc MANZCVS) are supplied with the system.

*Set a new standard in veterinary extractions with the patented Vet-Tome – unmatched by any periotome or luxator!*

## See videos of the Vet-Tome in use!

**Case 1:**

- 12-year-old desexed female, 18 kg Queensland Heeler cross.
- Complicated crown fracture of tooth 104 (right lower canine) with pulp necrosis.
- Actual length of the procedure from first incision to closure of the extraction site: 25 minutes.
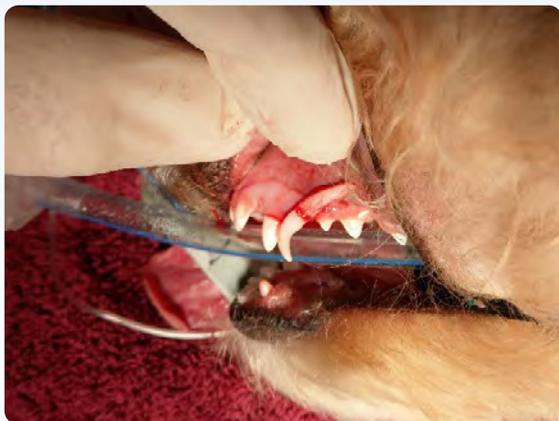


**Case 2:**

- Minimally invasive tooth extraction of complicated crown fracture tooth 104 in Alaskan Malamute cross.
- Actual length of procedure from first incision to closure of the extraction site - 12 minutes.



# iM3® Vet-Tome

### The atraumatic extraction system that greatly reduces time and saves bone!

DENTAL UNITS

**DENTAL UNITS**

*The Vet-Tome turned up this week and I got to pull it out today for a slab fracture of the upper carnassial PM4 in a 35 kg Chow Chow. With absolute L-plate learner speed and due caution, the entire extraction took 12 minutes.*

*I felt in complete control the whole time, zero sweating, and my nurses tell me my language remained civil the entire time. There is no doubt the trauma to surrounding tissue was substantially less than I would normally create.*

*Dr Caiafa predicts this will be a game changer for the profession – it certainly is for me!*

**David Neck**
Cottesloe Animal Hospital

*The iM3 Vet-Tome offers a paradigm shift in the way we, as veterinarians, extract teeth in our patients."*

*Today, I operated on a 4 kg Poodle cross with two retained upper deciduous canine teeth. Both teeth were complete with no resorption of the roots. Total time per tooth from gum incision to removal of the tooth - 4 & 1/2 minutes per tooth - I used setting 2 and went very carefully, and with practice will become more competent and confident.*

*The key benefits are intra-operative time saving for the surgeon and the reduction in trauma to the patient.*

*I would recommend this machine to every practice owner.*

**Greg Mahon**
B.V.Sc., B.Vet. Biol
Mountain View Veterinary Surgery
www.animaldentalclinicnw.com

*This kit has revolutionised dentals in our busy first opinion and multi-disciplinary referral practice. Dentals, especially with multiple extractions, haven't always been top of our "I'm desperate to do" list!*

*The new Vet-Tome has been fantastic for us. Today, I had a severe gingivo-stomatitis cat booked in for multiple extractions. I had been dreading the procedure - but it was a dream, and so much less traumatic for the patient: full unilateral cheek-teeth extraction (upper and lower jaw) and all incisors today in under an hour; no fractured teeth, no need to create gingival flaps. All in all, a pleasure to do. I'm looking forward to doing the other side in a couple of weeks. We are delighted.*

*Really reduced operating time for us, and increased therefore patient safety. A win-win.*

**Craig Reilly**
BVM&S CertSAM MRCVS AVP(SAM)
Cedarmount Veterinary Clinic, Northern Ireland

# Vet-Tome®

*The atraumatic extraction system that greatly reduces extraction time and saves bone!*

## VET-TOME BENEFITS

- Less trauma to the patient
- Speeds up the procedure
- May eliminate or reduce the need to remove buccal bone
- Allows work in tighter spaces
- Cuts paths for luxators and winged elevators
- Decreases hand fatigue

### Vet-Tome Education

Find more Vet-Tome videos on our online education section, including a great introduction webinar from Bonnie Shope (VMD, Diplomate American Veterinary Dental College).

**Vet-Tome Online Education**

> *Today, with the Vet-Tome, I had one of the most satisfying professional experiences of my career! Thank you.*
>
> **Dr Nick Taylor**
> BVSc(Hons) GPCert(SAP)
> Dip. Mgt. ESVPS MRCVS (N7011)

> *I got to use the Vet-Tome for the first-time last week. I was extracting a lower canine in a Staffy dog. The nemesis for most practitioners. Normally, to extract this tooth, I would raise flaps on both the lateral and medial sides of the tooth. I would also remove bone on both sides of the tooth, and then with the use of luxators and elevators and a fair amount of angst, I would extract the tooth with the fear of fracturing the lower jaw in the back of my mind. The dog would then be left with a fairly big hole as well as bone loss from the surgical extraction and the flap would then be sutured over this cavernous hole. I figured that hopefully in the future, something would arrive that would take away the fear, the sweat and sometimes the tears that has been associated with difficult extractions. The future has arrived.*
>
> *The Vet-Tome is basically a mechanical periotome with 1-10 power settings that follows and cuts the periodontal ligament. It can be used 360 degrees around the tooth. The idea is that you normally do not need to remove alveolar bone, but the Vet-Tome creates a space around the tooth and will loosen the tooth. In my hands, I then use elevators to elevate the tooth out of the socket, finally allowing for extraction forceps to finish the job. The hole that is left is much smaller than in a surgical extraction. The Vet-Tome gives you the ability to perform a truly minimally invasive extraction, which means more rapid socket healing and less pain for the pet. In my humble opinion, the Vet-Tome will be a game changer for the veterinary profession.*
>
> **Anthony Caiafa**
> BVSc BDSc MANZCVS

Cat. Code

### Vet-Tome Extraction System — V2000

Complete with two standard and two heavy stainless steel tips.

### Vet-Tome Standard Flat Tip - 37 mm *(5 pack)* — V2001

The Vet-Tome standard flat tip is a thin blade designed to bend and curve to follow the tooth root and cut the periodontal ligament.

### Vet-Tome Heavy Tip - 40 mm *(5 pack)* — V2002

The Vet-Tome heavy tip is thicker and slightly longer than the standard tip (**V2001**) and is designed to be more robust and to provide a longer service life. The heavy tip does not bend and curve and should only be used on straight tooth roots.

**DENTAL UNITS**

# iM3 GS Deluxe START Dental Unit

The GS START is a professional-grade dental system designed to grow with your practice. Created as the ideal entry point into veterinary dentistry, the START offers upgrade pathways as your skills and treatment range expand.

Rather than investing in a low-cost unit or electric micromotor with limited longevity, choose the START – a system built to last and evolve. Begin with a simple one-bottle water system, then upgrade to a dual-bottle setup with CLS integration. Ready for more? Add the *Advantage Swivel LED High-Speed Handpiece* with triple coolant spray for enhanced performance.

- Air-driven high-speed and low-speed handpieces
- 400,000 rpm *Advantage* high-speed handpiece with coolant control
- Low-speed polisher
- Three-way syringe for air, water and mist
- Oil-free *Silent Hurricane* low-maintenance compressor
- Upgrade to the *GS Deluxe* or *Deluxe LED* at any time

The START isn't just an entry-level unit – it's a true iM3 dental system. Built with the same high-quality components and valves found in all our machines, the START delivers essential features without compromising on the quality and durability you expect from iM3.

**Maintenance instructions conveniently printed on the back of the dental machine**

**High-speed handpiece for fast sectioning of teeth**

**Low-speed polisher**

**Three-way air-water syringe for rinsing the oral cavity**

**Adjustable stainless steel stand**

**iM3 oil-free compressor with large tank so it doesn't overheat**

iM3 Innovative Product

DENTAL UNITS

**iM3 GS Deluxe START with oil-free compressor**    U3010

**Now includes iM3 Straw!**    PS001
For veterinary use only

# iM3 GS Deluxe Dental Unit

The GS Deluxe includes a high-quality *Advantage High-Speed handpiece* (400,000 rpm) with triple coolant spray for fast sectioning of teeth; a three-way syringe with the ability to select water, CLS, air, or a mist; and a low-speed handpiece for polishing using iM3 *Rock & Roll* oscillating prophy angles that won't wind up muzzle hair.

The three-way (air, water and mist) syringe is a useful instrument for washing away debris from the mouth. The tip is removable and autoclavable and can be rotated 360 degrees.

The use of CLS in the dental machine allows easy application of chlorhexidine during dental procedures. Stainless steel instrument tray with silicone mat provides added storage and the ideal location for your iM3 dental instruments.

The *iM3 42-12 Ultrasonic Scaler* or any brand of scaler can be connected to the water and power supply of the GS Deluxe dental machine. The dental machine is self-contained, and only one power cord is required to power both the machine and the ultrasonic scaler.

**Three-way syringe - ideal for washing away prophy paste and debris**

**iM3 Advantage High-Speed handpiece for fast sectioning of teeth and bone removal**

**Low-speed polisher with oscillating prophy angles that won't catch muzzle hair**

**iM3 five-year warranty with unlimited factory direct technical support**

*Innovative product*

The GS Deluxe dental unit features a dual-bottle coolant system: a clear bottle for distilled water and a UV-protective brown bottle for the CLS solution. CLS helps reduce cross-contamination between patients, while its spearmint scent effectively masks oral odours for a fresher working environment.

**DENTAL UNITS**

Cat. Code

**iM3 GS Deluxe (non-LED) with oil-free compressor**    U3012

**Now includes iM3 Straw!**    PS001
For veterinary use only

**Adjustable stainless steel instrument tray**

**Oscillating prophy angles won't catch muzzle hair**

**Three-way syringe delivering water or CLS, air and mist**

**Advantage Swivel LED High-speed handpiece with excellent ergonomics**

iM3 Innovative Product

# iM3 GS Deluxe LED Dental Unit

The iM3 GS Deluxe LED sets the standard for veterinary dental machines.

The GS Deluxe LED is a complete dental system with advanced features not found on any other dental machine

Quality handpieces coupled with a five-year warranty on the dental machine and oil-free compressor provides peace of mind.

### LED High-Speed Handpiece Illumination

Light in the mouth is a must! The new Advantage Swivel LED High-Speed Handpiece is the most advanced in the world. It requires no electricity, just air to produce the brightest daylight quality LED white light in the industry with the largest illumination area. Triple-coolant spray provides necessary cooling of the tooth and bur. The patented hygiene head helps to eliminate bacterial suckback and cross contamination.

Cat. Code

| | |
|---|---|
| **iM3 GS Deluxe LED with oil-free compressor** | **U3019** |
| **iM3 GS Deluxe LED SW** *(Slow-speed with water cooling)* | **U3019SW** |
| **Now includes iM3 Straw!** | **PS001** |
| For veterinary use only | |

# Features and Benefits of the GS Deluxe LED Dental Unit

The GS Deluxe LED is a complete dental system featuring advanced innovations unavailable on other dental machines. It incorporates the industry's first self-generating Advantage LED Swivel High-Speed Handpiece, eliminating the need for fibre-optic wiring, costly krypton bulbs, switches, or transformers. The low-speed handpiece and nose cone swivel for enhanced comfort and reduced hand fatigue. The GS Deluxe is equipped with a dual coolant bottle system—one for CLS solution and one for water—and includes maintenance instructions conveniently printed on the back of the unit. The GS Deluxe LED is supplied with the following high-quality handpieces:

**Advantage:**

- Swivel LED High-speed handpiece
- Low-speed handpiece
- Three-way syringe *(air, water, and mist)*

### NEW GS Deluxe LED SW (Slow-speed Water) Range:

Building on the standard features of the GS Deluxe LED, the new SW range adds water delivery to the low-speed handpiece for enhanced functionality. It comes equipped with an Internal Water Forward & Reverse Low-speed Motor and a 1:1 LED Internal Water Contra-angle Handpiece—recommended by European specialists for bone removal. The SW model also includes the 4:1 Advantage Straight Nose Cone for efficient polishing.

The stainless steel instrument tray offers convenient, height-adjustable, and removable storage right where it's needed. iM3's magnetic bur holder keeps burs securely in place, preventing drops and ensuring easy access. The Corian® surface is non-porous, bacteria-resistant, and easier to clean than fibreglass or plastic. An adjustable coolant flow valve allows precise control of coolant from the high-speed handpiece. iM3's cartridge valve system enables quick replacement of toggles, buttons, and auto handpiece valves—streamlining maintenance, minimizing downtime, and reducing revenue loss.

iM3 was the first to integrate an oil-free compressor with suction into a dental unit—eliminating the risk of oil contamination in the air supply and significantly reducing maintenance requirements. With a compact 51 x 53 cm (20 x 21") footprint, the compressor fits neatly into any clinical setting. Its oil-free motor generates less heat, improving reliability over traditional oil-based systems. The covered design makes cleaning easy, while iM3's innovative cooling system cools the air en route to the dental unit. An open side ensures natural ventilation without the need for continuous fans. Large hospital-grade castors provide smooth, effortless mobility.

The three-way syringe delivers air, water, or mist—ideal for clearing debris from the mouth during procedures. Its tip is removable, autoclavable, and rotates 360° for maximum flexibility. Using CLS in the dental unit enables the easy delivery of chlorhexidine directly into the mouth during treatment.

**DENTAL UNITS**

**Autoclavable suction**

**iM3 Advantage Low-Speed Motor and iM3 4:1 Advantage Swivel Straight Nose Cone with R&R Oscillating Prophy Cups**

**iM3 Advantage Swivel LED, High-Speed Handpiece, with excellent ergonomics**

**Three-way air-water syringe**

## iM3 *elite* LED Dental Unit

The elite dental system features advanced LED light in the high-speed handpiece, automatic handpiece activators, and the only fully autoclavable air-driven dental suction in the industry.

The iM3 42-12 Ultrasonic Scaler (O6979) or any brand of scaler can be connected to the water and power supply of the iM3 dental machine. The dental machine is self-contained, and only one power cord is required to power the machine and ultrasonic scaler.

| | Cat. Code |
|---|---|
| **iM3 *elite* LED with oil-free compressor** | **U3500** |
| **iM3 *elite* LED SW (*Slow-speed with water cooling*)** | **U3500SW** |
| **Now includes iM3 Straw!** For veterinary use only | **PS001** |

# Features and Benefits of the iM3 *elite* Dental Unit

iM3 has developed an air-driven dental suction unit that is fully autoclavable. The suction tips, handpiece and smooth bore suction tubing can be easily removed and autoclaved.

The suction waste is collected in an easily accessible one litre container with a replaceable filter. A separate foot pedal operates the suction, allowing its use in conjunction with the high-speed drill or three-way air, water, and mist syringe. Because it's fully autoclavable, it can also be used in surgery.

The quality of the handpieces and iM3´s unique features ensure the iM3 elite Dental Unit is regarded as the leading system in the industry.

The iM3 elite comes with:

- Suction
- Three-way syringe (air, water, and mist)
- Advantage Low-Speed handpiece
- Advantage Swivel LED High-Speed Handpiece

The iM3 designed magnetic bur holder prevents burs from falling on the ground. The burs are held in place right where you need them. The Corian® surface is impervious to bacteria and easy to clean, unlike fibreglass and plastics.

The dental machine chassis is made from aluminium and finished with a hospital-grade powder coating. The unit's control box and components are covered by a full five-year warranty. The iM3 elite, with its built-in IEC power board and coolant outlet, allows for the easy integration of an ultrasonic scaler.

The iM3 elite dental unit can be supplied with a height-adjustable (50 cm) long-reach (190 cm) pneumatic wall arm. The arm allows the machine to be stored against the wall and extended to the end of the wet table for use.

The air line and electricity for the dental machine are contained in the arm, removing unnecessary cables from the ground.

All iM3 dental units are fitted with an iM3 Advantage Low-Speed Motor and iM3 4:1 Advantage Swivel Straight Nose Cone for polishing. An array of low-speed attachments for rabbit dentistry, orthopaedics and restorative dentistry are available.

Not all automatic handpiece switches are the same! iM3 has developed a pneumatic switch with no electric parts. The switch removes the need to manually select the high- or low-speed handpiece. If replacement is ever required, it can be completed in seconds by the user, providing peace of mind.

**DENTAL UNITS**

**DENTAL UNITS**

Extended handpieces
and cables

Extended
syringe
nozzle

## iM3 *elite* Equine Dental Units

Our new equine dental units feature all the great benefits, build quality, reliability, and practical design of the standard iM3 dental units. Combined with new features designed specifically for equine dentistry, iM3 equine dental units are the ideal choice.

*NEW* iM3 dental units, specially adapted for equine dentistry.

| | Cat. Code |
|---|---|
| **iM3 *elite* Equine with oil-free compressor** | **U3500E** |
| **Now includes iM3 Straw!** For veterinary use only | **PS001** |

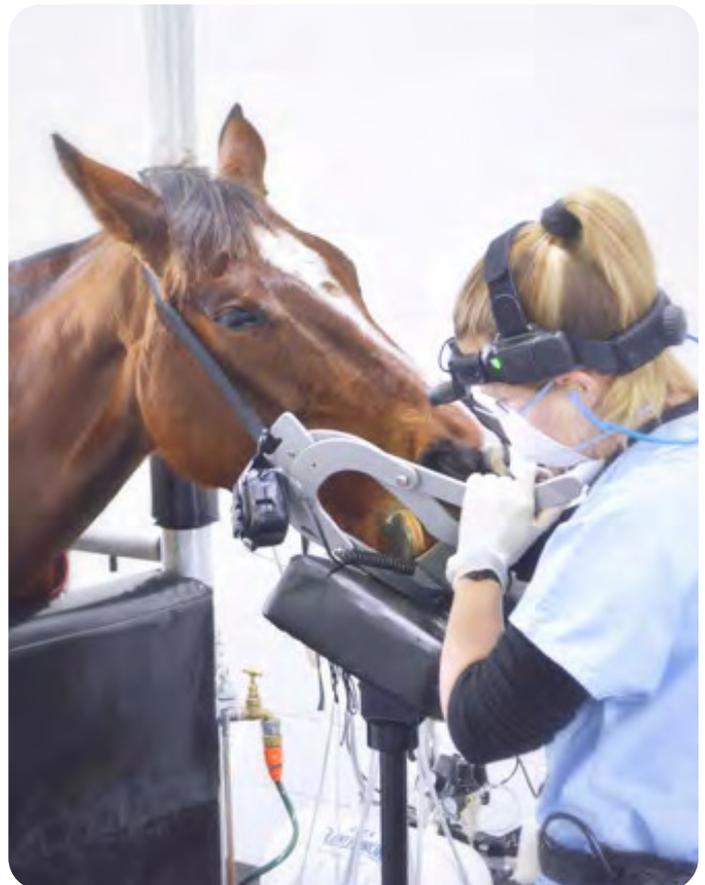# Features and Benefits of iM3 Equine Dental Units



iM3 has taken all the usual features and benefits of our small animal dental units, and created our brand new *equine-specific* dental units. The sturdy, reliable design of iM3 dental units makes them the perfect choice for work in stables and other equine environments. The hard-wearing components used in all iM3 units are designed to withstand the additional demands of intensive equine dental treatments.

The iM3 Elite Equine unit is available with or without a compressor to suit different clinical needs.

**Standard features of the elite equine unit include:**

- High-speed handpiece with coolant
- Low-speed motor and contra-angle with coolant and adjustable speed
- Air abrasion handpiece
- Extended three-way syringe nozzle – 200 mm
- Autoclavable suction
- Handpiece extensions
- Extended handpiece cables
- IEC power strip for powering additional equipment
- Silent Hurricane compressor (optional)

We want to ensure all features needed for equine dentistry are covered. Furthermore, we aim to provide an ergonomic solution. iM3 dental units come with stainless steel, height-adjustable stands that can extend to 110 cm tall. The long handpiece cables are 150 cm, and the handpieces attach to 30 cm stainless steel extensions – maximum reach with complete comfort and control for the operator.







DENTAL UNITS

ULTRASONIC SCALER COOLANT OUTLET







## Features and Benefits of iM3 Dental Units

Our attention to detail and hands-on experience in veterinary dentistry mean our machines are designed to meet the needs of today's veterinarian. From the general practitioner to the advanced veterinary dental specialist, iM3 equipment is the system of choice for veterinary clinics, universities, zoos, and teaching hospitals worldwide.

All iM3 air-driven dental machines use the same high-quality components developed by iM3 and are backed by a five-year warranty on the dental machine and one year on the handpiece.

The built-in IEC power board and pressurised coolant (water or CLS) outlet allow direct connection to any brand of ultrasonic scaler. All maintenance instructions are printed on the back of the dental machine for easy reference.

Thanks to the cartridge valve system used by iM3, all toggles, buttons and auto handpiece valves can be cleaned or replaced quickly and easily. Internal air and water lines are colour coded for easy identification and straightforward user repair should it ever become necessary. These advanced features reduce machine downtime and loss of revenue.

Water filters (65 micron) minimise contaminants entering the dental system. iM3 developed the first oil-free compressor fitted to a dental machine with suction. Oil-free technology eliminates the risk of oil contaminants entering the air supply of the dental machine. It also greatly reduces the maintenance regime. The compressor footprint is 51 x 53 cm (20 x 21"). The oil-free motor generates less heat, making it more reliable than conventional oil compressors. Moving the dental machine is simple and easy thanks to large hospital-grade casters.



### Sterile Yankauer suction sets
Cat. Code: **S260010**



**Autoclavable, sterile suction can be retrofitted to existing iM3 dental machines.**
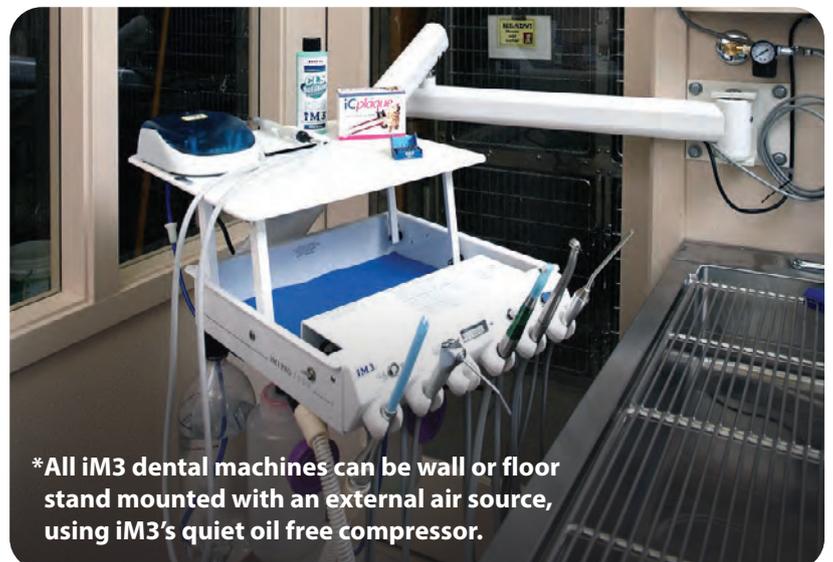


***All iM3 dental machines can be wall or floor stand mounted with an external air source, using iM3's quiet oil free compressor.**

**DENTAL UNITS**

# Features and Options

It's the iM3 features that make all the difference!

## Features of iM3 Dental Control Tops

| | GS Deluxe Start | GS Deluxe | GS Deluxe LED | Elite LED | SW Range* |
|---|---|---|---|---|---|
| LED | | | ✓ | ✓ | |
| No-tangle cabling for high and low speed handpieces | ✓ | ✓ | ✓ | ✓ | |
| Water supply circuit with filter, regulator, auto pressure release | ✓ | ✓ | ✓ | ✓ | |
| Two-bottle water system – CLS and water selector | 1 Bottle | ✓ | ✓ | ✓ | |
| Three-way air, water and mist syringe with autoclavable tip | ✓ | ✓ | ✓ | ✓ | |
| Quick reference maintenance instructions printed on the machine | ✓ | ✓ | ✓ | ✓ | |
| Pressurised water outlet for ultrasonic scaler | ✓ | ✓ | ✓ | ✓ | |
| Suction unit – autoclavable variable suction and bacterial filter, supplied with five small and five large suction tips | Optional | Optional | Optional | ✓ | |
| LED light wand | | | | | |
| Low speed cabling with internal water supply | Optional | Optional | Optional | Optional | ✓ |
| Second high speed or low speed cabling with coolant flow control | | | | | |
| Four-socket IEC power strip with circuit breaker | ✓ | ✓ | ✓ | ✓ | |
| Spare IEC male / female power cord for ultrasonic scaler | ✓ | ✓ | ✓ | ✓ | |
| Storage compartment | | | | | |
| Stainless steel instrument tray | Optional | ✓ | ✓ | Optional | |
| Corian© control top | ✓ | ✓ | ✓ | ✓ | |
| Corian© control top with built-in magnetic bur holder | Optional | ✓ | ✓ | ✓ | |
| Collection bottle with bacterial filter for handpiece exhaust lines | Optional | ✓ | ✓ | ✓ | |
| Colour-coded delivery system for ease of service | ✓ | ✓ | ✓ | ✓ | |
| Cartridge valves to minimise downtime | ✓ | ✓ | ✓ | ✓ | |
| Powder-coated aluminium and stainless steel construction | ✓ | ✓ | ✓ | ✓ | |
| Warranty on dental control tops including components | 2 years | 5 years | 5 years | 5 years | |

## Handpieces and Operation

| | GS Deluxe Start | GS Deluxe | GS Deluxe LED | Elite LED | SW Range* |
|---|---|---|---|---|---|
| Toggle to select high or low-speed handpieces | ✓ | ✓ | ✓ | | |
| Automatic handpiece activators | | | | ✓ | |
| Advantage High-Speed handpiece with push button – **L7100** | ✓ | ✓ | | | |
| iM3 Advantage Swivel LED High-Speed Handpiece – **L7300** | | | ✓ | ✓ | |
| Polisher - Advantage Low-Speed Motor and 4:1 Advantage Straight Nose Cone – **L6200** & **L6250** | H2060 | ✓ | ✓ | ✓ | L6250 & L2010 |
| Internal Water Forward & Reverse Low-Speed Motor, 1:1 LED Internal Water Low-Speed RA Contra Angle, 4:1 Advantage Straight Nose Cone – **L2010, L2004** & **L6250** | Optional | Optional | Optional | Optional | ✓ |
| 1:1 HP Straight Nose Cone for the low-speed motor. Used for rabbit/rodent dentals and orthopaedic work – **L6860** | Optional | Optional | Optional | Optional | |
| 1:1 Advantage LED Surgical HP Straight Nose Cone – **L7800** | Optional | Optional | Optional | Optional | |
| Warranty on all iM3 handpieces | 6 months | 1 year | 1 year | 1 year | |

## Mountings and Air Compressor

| | GS Deluxe Start | GS Deluxe | GS Deluxe LED | Elite LED | SW Range* |
|---|---|---|---|---|---|
| Height adjustable stainless steel floor stand with castors | ✓ | ✓ | ✓ | ✓ | |
| Silent Hurricane oil-free compressor and stainless steel floor stand | ✓ | ✓ | ✓ | ✓ | |
| Wall-mounted long-reach arm, air-operated (190 cm reach with 50 cm vertical travel) | Optional | Optional | Optional | Optional | |
| Warranty on mountings and air compressor | 2 years | 5 years | 5 years | 5 years | |

## Ultrasonic Scaler Options

| | GS Deluxe Start | GS Deluxe | GS Deluxe LED | Elite LED | SW Range* |
|---|---|---|---|---|---|
| iM3 Piezo ultrasonic scaler with four tips | Optional | Optional | Optional | Optional | |
| iM3 42-12 ultrasonic scaler with two titanium tips | Optional | Optional | Optional | Optional | |
| iM3 Ultra LED ultrasonic scaler with two tips | Optional | Optional | Optional | Optional | |

*The SW range includes internal water on the low-speed handpiece.

*We are happy to customise a dental machine to suit your needs!*

DENTAL UNITS

# iM3 Pro S Dental Unit

The iM3 Pro S Dental Unit can be constructed to your own precise requirements when you select from the options listed.

The Pro S is available as a trolley, wall-mounted, or floor-mounted unit to provide the perfect setup for your level of dentistry.

Whatever your clinical requirements, the iM3 Pro S provides a fully adaptable solution.
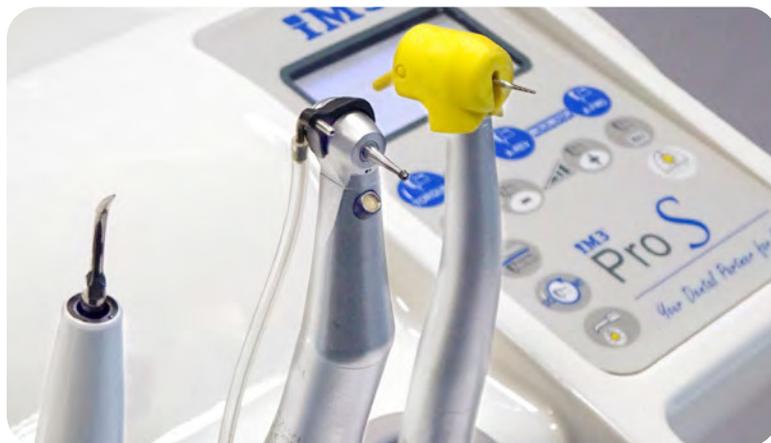
**Optional peristaltic pump**

**Electric micromotor with internal water**

**Precision control foot pedal**

## iM3 Pro S

The Pro S comes in three variations: a mobile floor unit, a wall-mounted fixed unit, and a large floor-mounted multi-functional unit.

All three can be built to the user's specific requirements.

As standard, all three units come with the following:

- Electric micromotor with internal coolant and adjustable torque
- Air-driven high-speed with six-hole connection
- LED Piezo ultrasonic scaler
- Three-function syringe
- Precision control foot pedal

All three units have a precision control foot pedal, enabling the user to control both speed and water during work. Individual, tailored adjustments to each handpiece can be made on the unit's control panel. Both torque and speed can be pre-set and adjusted, and the scaler settings can be controlled using simple push buttons on the control panel. This feature eliminates the need for multiple low-speed handpieces as a 4:1 can easily be adjusted to perform at 20:1.

All three units require connection to a power supply, mains water, and a compressed air source. Each unit is fitted with a bottle for distilled water, and external saline can be added to the floor-mounted units.

## iM3 Pro S Mobile Floor Unit

In addition to the standard features of the micromotor, high-speed handpiece, scaler, and three-way syringe, there is the option of adding:

- LED curing light
- Dental suction (continuous or bottle)
- Peristaltic pump for external saline

*The unit pictured (left) includes a peristaltic pump and continuous suction. Air compressor and suction motor required.*

DENTAL UNITS

## iM3 Pro S Wall Mount

The Pro S Wall Mount features high-quality, low-tension whips as preferred by many dental specialists. The Pro S whips do not use springs, so they do not drag or pull against the user, unlike other units on the market.

The arm allows the machine to be stored against the wall or extended to the end of the wet table for use.

The air line and electricity for the dental machine are contained in the arm, removing unnecessary cables from the ground.

Additional options include:

- LED curing light
- Dental suction (continuous only)

*Unit pictured (right) includes LED curing light.*
*Air compressor required.*

## iM3 Pro S Floor Mount

This unit can be adapted to a busy clinic's needs by adding a variety of optional features:

- High power curing light
- Dental suction
- Peristaltic pump for sterile water
- Operating lamp
- Video monitor

*A second scaling station, as well as additional instrument trays, can be added, as pictured (left). Air compressor and suction motor required.*

**Air-driven, six-hole high-speed and electric micromotor**

**High-power LED curing light**

**Digital display and precision control**

**Multi-function, precision electric foot pedal**

**DENTAL UNITS**

## Now includes iM3 Straw Ex and fitting kit!

For veterinary use only

# iM3® ProXRange

**YOUR DENTAL PARTNER FOR LIFE.**

DENTAL UNITS

# TAILORED TO THE INDIVIDUAL DENTIST. UPGRADABLE WHEN NEEDED.

In modern veterinary dentistry, no one size fits all. Veterinary practices and their dental staff have individual needs, workflows, professional ambitions, expectations, and economic opportunities.

The digital dental treatment solution PRO $X$ Range takes the veterinary dental team from entry-level to fully advanced workflow solutions. It meets the needs of the individual and gives veterinary dental practices the flexibility to configure their dental treatment systems according to their evolving needs.

You can configure the PRO $X$ veterinary dental treatment centre across a wide range, from a simple-to-use basic unit to a sophisticated treatment system for advanced dental care – and everything in between.

Select the solution you need today, with endless opportunities for future expansion and enhancement of the dental unit's functionality.

Craig Evans
COO, iM3 Europe

## TAKE A CLOSER LOOK.

*Click here for our digital brochure, and discover all the benefits the iM3 Pro $X$ can provide for your clinic!*

SMART DESIGN.

SEAMLESS INTEGRATION.

LASTING PERFORMANCE.

DENTAL UNITS

# Flexibility through Individual Setup

When planning your Pro $X$ installation, it's helpful to consider and discuss key factors with your iM3 sales agent, such as room layout, minimum requirements, essential features, optional upgrades, and available accessories. Providing photos or layout drawings can greatly assist in creating the ideal configuration for your veterinary dental space.

Optimal Pro $X$ Treatment Centre Setup



> *I have been working with my Pro X for 5 years now. The Pro X is a very comfortable unit that can be personalised depending on your taste/demands. The function I like the most is when I work with the high-speed handpiece, it blows air as soon as you stop the pedal, improving visibility in the surgical field and saving you time.*
>
> **José C. Almansa Ruiz**
> DVM (Hons) MSc (Vet) Dipl. EVDC MRCVS RCVS and EVBS®,
> European Specialist in Veterinary Dentistry



> *Having worked with veterinary dentistry since 1996, I have a lot of experience with many different dental units. I have worked in Denmark and Sweden, in small clinics and large hospitals. My all-time favorite unit is the Pro X from iM3. I bought my first Pro X unit in 2007. Now I have three working stations in our clinic, all of them Pro X units. And guess what; my next unit will also be a Pro X.*
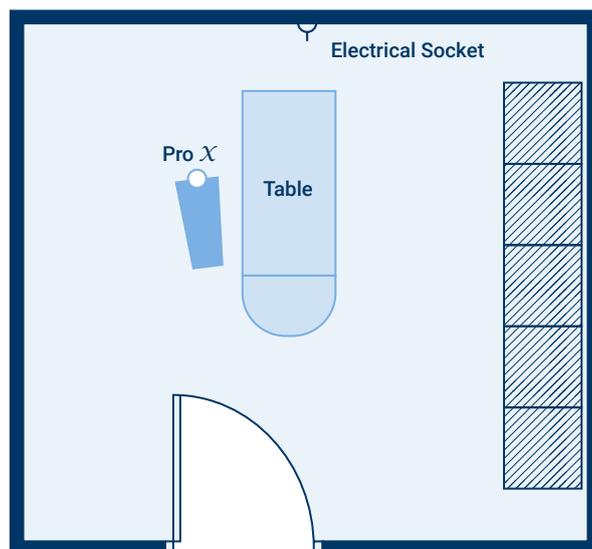>
> *The clever ergonomic solutions make the everyday long hours in the surgery a lot easier. The self-cleaning program ensures a high hygienic standard, and it is just so easy to set up. If you wish the service you provide to be the best possible, your equipment must be the best you can get. That's why I work with the Pro X unit.*
>
> *Knowing that your equipment just works hour after hour, day after day, year after year – this is essential when your patient is under general anesthesia. Pro X is your reliable partner to ensure this.*
>
> *I strive every day to provide the best treatment possible. My Pro X is my reliable partner in my success.*
>
> **Jens Ruhnau**
> TandDyreklinikken



> *After few weeks working with our brand-new iM3 Pro X we are already in love with it. Our surgeries are even faster and more efficient than before.*
>
> *We really appreciate iM3 Veterinary Dentistry for their very professional service and high-standard equipment. Thanks!*
>
> **Ignacio Velázquez Urgel**
> Odontovets

**DENTAL UNITS**

Cat. Code

## iM3 Oil-free "Silent Hurricane" Compressor

**I62000**

iM3 developed the first oil-free compressor fitted to a dental machine with suction. Oil-free technology eliminates the risk of oil contaminants entering the air supply of the dental machine. It also significantly reduces maintenance requirements. The compressor footprint is 51 x 53 cm (20 x 21"). The oil-free motor generates less heat and is therefore more reliable than conventional oil compressors.

The covered compressor makes cleaning a breeze. iM3's unique technology means the compressor air is cooled on the way to the dental machine. The side of the compressor is left open to allow adequate ventilation; no continuously running fans are required.

Large diameter hospital-grade casters make moving the compressor simple and easy.

## Single Surgery Suction Motor

**VS001**

For use in conjunction with iM3 Pro S and iM3 Pro $X$ dental units that have on board suction, this unit allows for vacuum suction of wastewater, blood, saliva, dentin, and a wide range of filling materials.

Equipped with powerful electric motors, capable of producing over 350L/min suction flow during dental procedures. The unit comes with a metal cabinet featuring an anti-vibration system and a silencer for the exhauster air, ensuring virtually silent operation. Thanks to its lower noise suction pump and improved drainage system, the machine operates quietly and more stably, making it a popular choice in veterinary practices.

| SPECIFICATIONS | |
|---|---|
| Model No. | GS-01 |
| Power | 750 W |
| Vacuum | -12 KPa |
| Pump Flow | 300 L/min |
| Noise | 45 dB |
| Volt./Hz | 110-240V, 50/60Hz |
| Net Weight | 30 kg |
| Gross Weight | 34 kg |
| Dimensions | 555 x 475 x 520 mm |

**DENTAL UNITS**

# 08 DENTAL FURNITURE

**iM3 Tara Tables**

**Table Accessories**

**iM3 Shona and Hanna Tables**

**iM3 Altra Tables**

**Saddle Chairs**

**Veterinary Dental Light**

**Disinfection Room Lights**

**Sunlight Room Lights**

# TARA

## TABLES BY iM3®

iM3
Innovative product

## DESIGN FOR THE REAL WORLD.

**Informed by years of listening to clinicians and observing real-world practice, Tara by iM3 has been engineered as the ultimate dental table.**

## Integrated iM3 Control Top

Any of our world-renowned iM3 dental units can be integrated into the Tara using our double hinged arm that allows the control top to swing into any position for your convenience. If you have an existing iM3 dental unit, it can be easily attached to Tara's arm.

Alternatively Tara is available without the dental unit and makes a perfect companion piece for the iM3 Pro X Dental Station. It can be used as a standalone with any of our cart solutions.

## Round Dental Tray

Our round-head dental tray gives greater comfort for the veterinary staff than the traditional square tray. Instead of mesh or holes, a full-edge grid allows more effective draining of liquids away from the animal's head, no matter where on the tray you like to work.

Our adjustable bracket lets you lower the tray and the head of the animal by 5 cm. Or you can raise the tray up by 5 cm above the table to be level with the top of blankets or heated pads.
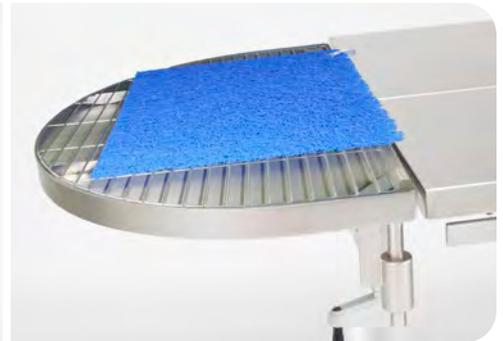
## Draining and Cleaning

Based on the feedback from dental specialists, it is better to have a tray that can be removed and drained than one that drains into a bucket. With Tara, there is less to clean and no obstructive hoses or buckets in the operator's working space. Thanks to our ingenious wave breakers, it is easy to carry the tray without spilling.

Removing the tray for draining and cleaning could not be easier. The tray detaches and reattaches with ease and yet remains amazingly stable when attached.

## V Top Table

The stainless steel V top table is driven by four low-voltage motors and is designed to be as silent as possible. Besides allowing the table to be used as a surgery table, the V top makes it easier to turn the animal over, provides better positioning ability, and offers greater comfort during dentals.

Each plate on the V top has its own motor allowing them to move independently of each other, so whatever your needs, Tara can adapt effortlessly.

DENTAL FURNITURE

*The iM3 Tara Table is the best career investment that I have made to date. This table has everything I need for optimal patient care and positioning for treatment, as well as ergonomics. The infrared warming panels, independent sides, tilt function, and ability to change height is fantastic. The additional light with polliblock for restorative work increases its versatility.*

*Having worked in many practices with different available setups throughout my career, this is the first time I have felt that I have not needed to adapt or compromise any aspect of the operatory setup. I would strongly recommend that all practices that aim to offer high-quality dental and oral surgery care for their patients look to invest in the Tara table.*

**Dr. Crystal C. Loh, BSc, DVM, MANZCVS, DAVDC**
Certified Veterinary Dentist & Director of New Zealand Veterinary Dentistry Ltd.

## Motorised Lifting Column

A motorised column provides effortless lifting and tilting of the table top. The pristine V-top and bottom frame design enables easy cleaning and comfortable use. Furthermore, there are mains power sockets built into the table for possible accessories such as lights.

The operation of the lifting column and the tilt of the V-top table is controlled by a wireless foot remote which means there are no additional wires on the ground.

## Stable and Ergonomic

Tara has been designed to work with you and provide the most ergonomic veterinary dental experience available. From a maximum height of 115 cm to a minimum of 59 cm, Tara remains stable, even with heavy loads.

So, whether you like to stand up or sit down when using your hand instruments or working with your handpieces, Tara can be set to a perfect height.

## Stainless Steel with Warming

We use only the highest quality materials in Tara, the main V-top is made from stainless steel with optional warming available.* We use infrared to heat our warming plates which transfers heat evenly across the surface of the table with no hot spots.

The dental tray itself is electro polished stainless steel. Electropolishing results in smooth, polished surfaces that are almost inert, increasing resistance to oxidation, ensuring a longer lifespan and high resistance to the corrosive properties of antibacterial products.

*Untreated*

*Electropolished*
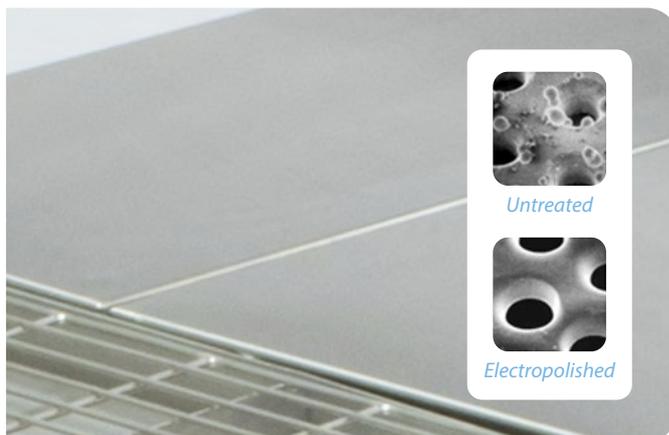
## Real-World Design

Tara is ready for every patient and every eventuality. The table top dimensions are 160 x 60 cm with an optional 30 cm extension available, either for larger animals or as a convenient place for monitoring equipment or surgical instruments.

For any liquids that might leak onto the V-top there is a convenient pull out drain giving you peace of mind.

> *Tara from iM3 is a stable, durable, high-end dental table, with a lot of innovative solutions. For the veterinary dentist, the Tara table will be a best friend for life.*
>
> **Jens Ruhnau, TandDyreklinikken**
> DVM, Specialdyrlaege, Dipl.EVDC, EBVS European Veterinary Specialist in Dentistry

* The optional warming plates bring the surface of the table between 30 and 35 ºC, depending on the environment, it can take up to 4 hours to reach maximum temperature.

**DENTAL FURNITURE**

## Neat and Tidy

To help keep your working space as organised and as tidy as possible, you can take advantage of the Tara's additional electric supply for up to four devices depending on the configuration of your Tara. Whether it's lights, monitoring equipment, or warming mats, you will have fewer wires and cables running across the floor.

Furthermore, the Tara has standard mounting rails under the edges of the work surface on both sides, letting you mount accessories out of the way, saving valuable floor and table space.

## Instrument Tray and Monitor Arm

To make it even more convenient, you can now also have up to two double-hinged arms on your Tara. You can choose to have a stainless steel instrument tray, made from the same high quality materials as the rest of the table.

Also available is our new monitor arm with a standard VESA connection allowing you to attach any type of screen or multi parameter equipment (screen not included).

## Practical and Mobile

Everything about the Tara is designed for the real world. When in place, the foot brake is applied and the heavy-duty wheels are retracted into the base giving robust stability to the table even at full height.

When the foot brake is released, the wheels drop down and the table becomes mobile once again. This also allows easier access during cleaning.

## iM3 Dental Mat

Purposefully designed to fit, the popular iM3 Dental Mats are the perfect size and shape for the Tara dental tray. The mat fills the maximum area of the tray while still leaving the sides clear for veterinary staff to discard debris and extracted materials into the tray.

The iM3 Dental Mat provides comfort to patients and veterinary staff while also allowing liquids to drain away from the patient's head. Made from recyclable plastic and machine washable up to 60 °C.

**DENTAL FURNITURE**
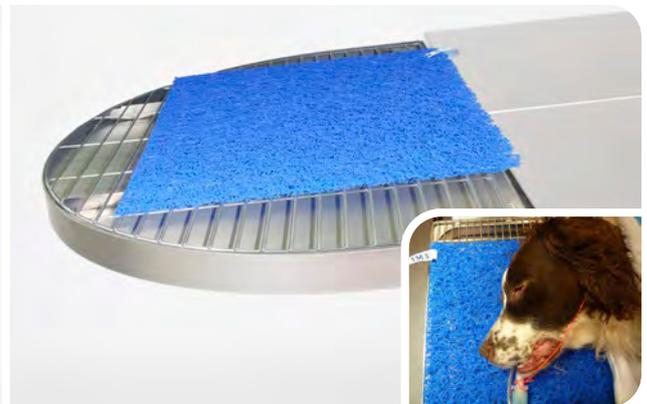
> " *I cannot tell you how delighted we are with our two Tara tables! Originally, it was one table for our new dental area but the design convinced us we needed a second in our surgical suite. The ease of use and ergonomics they provide during surgery and the wonderful warmth they generate makes our patients, nurses and vets all very happy. I cannot imagine going back to a static dental table now.*
>
> **Dr. Richard Lucas**
> BSc BVMS MACVSc (Small Animal Medicine)

See 𝒯𝒜ℛ𝒜 in action at our showroom demonstration:
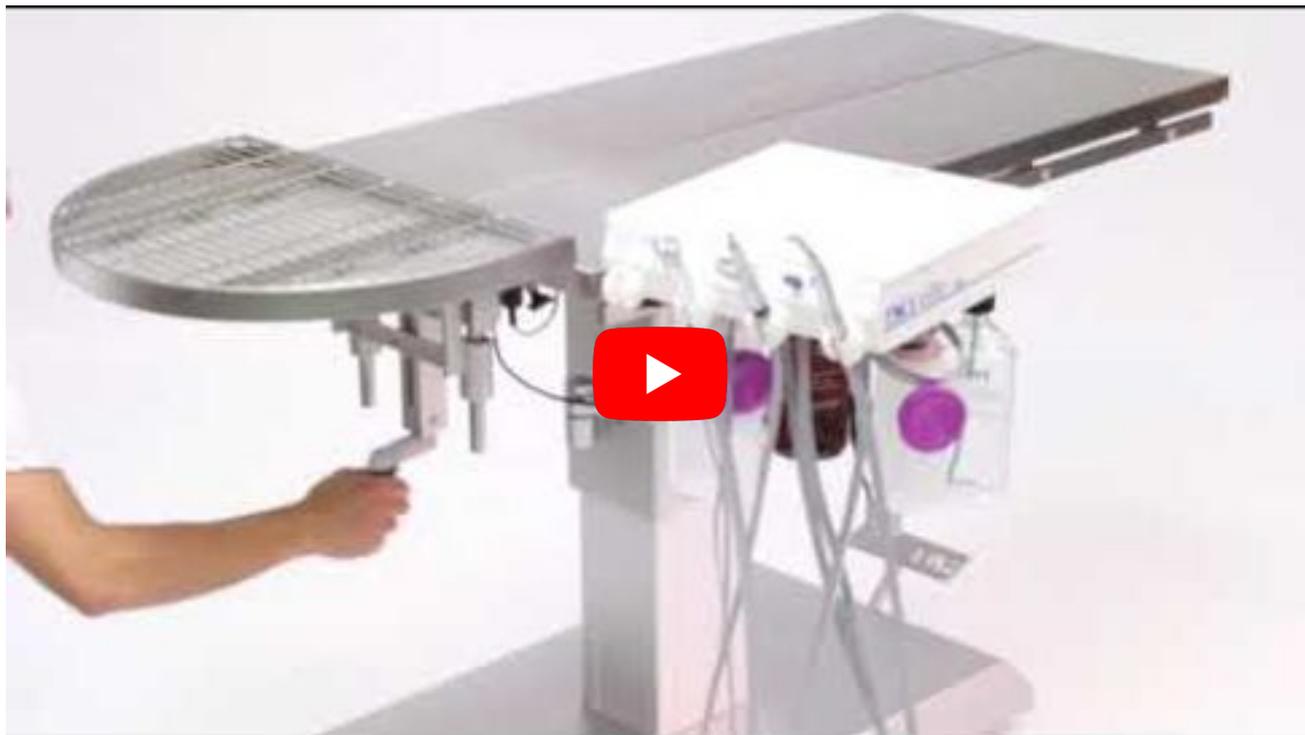


| | Cat. Code |
|---|---|
| **iM3 Tara Table\*** | **TB0001** |
| **Dental Tray and Bracket** | **TB0002** |

Designed for the real world! Choose the setup that fits your dental workflow:

### Optional extras include:

| | |
|---|---|
| **Table Extension – Flat** *(30 cm)* | **TB0005** |
| **Table Extension – Surgical V-Top** *(30 cm)* | **TB0012** |
| **Infrared Warming** | **TB0006** |
| **Dental Light** | **TB0021** |
| **Instrument Tray and Arm** | **TB0008** |
| **Double Tray Upgrade** | **TB0016** |
| **Monitor Arm with VESA Connection** | **TB0009** |
| **IV Pole** | **TB0018** |
| **Additional Tray** *(60 x 40 cm)* | **TB0007** |
| **Additional Tray** *(60 x 20 cm)* | **TB0015** |
| **Tray Wall Holder** | **TB0019** |
| **Table Base Mat** | **TB0020** |
| **Cam Cleat Tie Downs** | **TB0013** |

### Integrated control tops:

| | |
|---|---|
| **Arm for Dental Unit** *(required)* | **TB0004** |
| **iM3 GS Deluxe** | **U3301T** |
| **iM3 GS Deluxe LED** | **U3302T** |
| **iM3 elite** | **U3400T** |
| **iM3 Silent Hurricane Compressor** | **I62000** |

| SPECIFICATIONS | |
|---|---|
| **Length** | *V-top only:* 120 cm<br>*V-top + dental tray:* 160 cm |
| **Width** | (V-top): 60 cm |
| **Table Extensions** | *(Optional)* 30 cm |
| **Total Weight** | 95 kg |
| **Safe Load** | 160 kg |
| **Height Adjustment** | 59 –115 cm |
| **Tilting** | -10 ° to +10° |
| **Motors** | 4 pcs, 24 V; IP54 |

\* Please note: The Dental Tray and Bracket are *not* included in code TB0001 and should be ordered separately as code TB0002.

**DENTAL FURNITURE**

**Cat. Code**



**Tara with V-top with dental light**

### iM3 Tara Veterinary Dental Light TB0021

The iM3 Veterinary Dental Light can be mounted on an iM3 Tara table, or retrofitted on existing tables.

- Larger spot for a true veterinary dental light
- Field uniformity
- Scialytic effect
- 3D rotation



**IV Pole mounted on Tara table**
*(extension arm sold separately)*

### iM3 Tara IV Pole TB0018

An IV Pole that attaches to the arms of the iM3 Tara table. Requires either a dental unit, instrument tray, or monitor arm on the Tara table.

- Stainless steel
- Rotating metal base
- 2 hangers
- Adjustable height



**iM3 Tara extension arm with instrument tray**

### iM3 Tara Extension Arm with Instrument Tray TB0008

Add a stainless steel instrument tray on a double-pivot extension arm to your iM3 Tara.



### iM3 Table Base Mat TB0020

The iM3 Table Base Mat is made from easy-to-clean materials, ensuring hassle-free maintenance and promoting a hygienic workspace. Simply wipe the mat clean with a mild disinfectant to keep it free from debris and contaminants.

- 1200 x 600 mm, perfect for iM3 Tara and iM3 Shona tables



### iM3 Dental Tray - Wall Holder TB0019

*(Tray not included)*

**DENTAL FURNITURE**

iM3® | THE GLOBAL NAME IN VETERINARY DENTISTRY

"We recently took delivery of our Tara Table from iM3 and I am happy to share our impressions of and experiences with it.

Overall, we are extremely impressed with the Tara, and give it an 11/10.

Pros: Thoughtful design, impeccably engineered with high-grade materials resulting in an ergonomically superior dental / surgical table package which is extremely user-friendly and built for purpose.

Cons: Have not come across any negatives to date. Except I do regret not including the optional in-table patient warmer- that would have taken care of yet one more pre-operative preparation task, that of placing the ventral patient warming blanket.

We are exceedingly happy with it. You have a great product and the most finely-tuned Vet dentistry / surgery table that I have come across.

Thanks for your excellent service all round, you should be proud.



Having been in the profession for nearly four decades with designing and building many a clinic and hospital along the way, I have used just about every brand of surgery table available in the southern hemisphere. Here are our thoughts:

Delivery: Once ordered it was delivered next day, and for interstate freight that was quite impressive. The packing was ingenious, professionally hard packed with padding in all the right spots so that it arrived safe and sound without a scratch or dent.

Set-up: Very easy to unpack and set up. In 30 mins the nurse and I had it all installed and connected the iM3 deluxe dental unit and scaler and ready to use.

Engineering: The stainless quality is excellent; this is not a cheap clone, the Tara is made with high-grade stainless. This is imperative for our profession as this table will be used for decades to come and it must withstand the rigours of surgical and dental use for the long haul and it certainly looks to be well up to that challenge. Furthermore the stainless welding is of extremely high quality and

precision, you can just see it on every join and every fixture, impeccably engineered and built.

Design & Ergonomics: There must have been considerable thought (and experience) involved in the designing of this table and we find it just brilliant and easy to use. Its features tick all the boxes:

✓ Raise and lower table height to suit the different statured staff and patient. I often adjust this during a procedure and there is no need to manually undo any locking mechanisms, all via a simple foot switch which makes it quick, easy and safe.

✓ Centre strut allows us to sit with our knees under the table during dentistry for the best operator ergonomics.

✓ Table tilt so we can slope the patient downwards to drain any oral fluids during dentistry, and also tilting is often useful during abdominal surgery providing an improved visual field for laparotomy.

✓ Central removal drainage channel for fluid-rich surgeries or unexpected voiding.

✓ V-shaped adjustable table top, brilliant for tailored patient positioning and all at the touch of a foot switch.

✓ Dental extension, allows us to conduct fluid-rich dental procedures without changing absorbent pads or having fluid leakage. Like most of our profession, we are used to performing dentistry on static dental tables and whilst most of these have fluid drainage, most have a fixed working height and have a square bulky work platform making operator access and comfort less than ideal. The rounded slim-line shape of the removable dental extension allows for far easier ergonomic access when working around the mouth which facilitates more efficient and less frustrating access to the oral field. Furthermore, the dental extension as well as being removable in itself, is both extendable and height adjustable giving even more customisation options for positioning of the oral cavity (esp. large dogs) to achieve the best ergonomically suitable position for the surgeon which we all know reduces fatigue in those long dentistry procedures.

✓ The ability/option to have the dental unit and an instrument tray attached to the table via articulated swing-arms that move up and down with the table height has been a major bonus for us as we have a small surgery which is extremely space-challenged. This design gets ALL the cords and airlines off the floor so that there is nothing to trip over. We just switch the compressor on and begin, setting up for dentistry has never been so easy.

✓ Having all controls for the table via a CORDLESS foot switch panel (no wires to trip over) is simply brilliant.

✓ Having the whole table on wheels is another boon both for positioning of the table for those unusual surgeries, and also for cleaning/ maintaining the hygiene of the theatre. In this day and age of OHS liability, this feature reduces the lifting hassle and OHS risk of moving heavy surgery tables for cleaning underneath. We have an added appreciation for the table on wheels, when the table is not being used we roll the end of it under a bench thus increasing our work area in our space-confined treatment room.

**James Routledge BVSc**
Family & Friends Private VetCare, Northern NSW, Australia
jrvet@bigpond.net.au

**Tara in use as a surgery table, Busselton Vet Hospital**

> *I cannot tell you how delighted we are with our 2 Tara tables! Originally it was 1 table for our new dental area but the design convinced us we needed a second in our surgical suite. The ease of use, ergonomics they provide us during surgery and the wonderful warmth they generate keeps our patients, nurses, and vets all very happy. I cannot imagine going back to our old static dental table now.*
>
> **Dr Richard Lucas**
> Busselton Veterinary Hospital
> www.bsnvet.net.au

> *This table is excellent for veterinary dentistry. All of the table's positions are electronically controlled. It can tilt up or down, it is height-adjustable which helps the operator get into a good ergonomic position (and saves your back), and it has a water collection area, so that the patient's head is always kept dry. The sides of the table can be tilted inwards which holds any size pet securely, as well as assisting with positioning for dental X-Rays. I would recommend the Tara Table to any clinician who is offering a complete dental service.*
>
> **Dr. Anthony Caiafa BVSc BDSc MACVSc**
> SA Surgery and Veterinary Dentistry



**A-vet Smådyrklinikk, Norway**

> *The Tara Table is a dream. With the controls at your feet, it can move up, down, slant towards you or away, and the mobile sides mean you can position a patient on their back for X-Rays with ease. The front is removable for ease of cleaning. Comfort is everything when you are facing into an extended procedure, and I could not recommend this table enough.*
>
> **Laura Finnegan**
> Veterinary Surgeon MVB, O'Dowd Veterinary



**Sten Kokholm,
Slagelse Dyrehospital A/S, Denmark**



**Martin Hedin,
Ulvsby Smådjursklinik, Sweden**

**DENTAL FURNITURE**

# Shona & Hanna

## TABLES BY **iM3**®



**2** YEAR WARRANTY

## iM3 Shona and Hanna Veterinary Dental Table

The iM3 Shona and the new iM3 Hanna veterinary dental tables come with all the quality and reliability you expect from iM3. The tables are compatible with the unique iM3 Dental Tray, with edge-to-edge drainage, anti-spill wave breakers, and easy cleaning. The larger iM3 Shona can also double as a consult table, while the iM3 Hanna has a shorter length, making it ideal for cats and small dogs.

- Stainless steel
- Electropolished frame for improved antibacterial properties
- Motorised lifting column made from anodised aluminium profile
- Wired hand control for operating the lifting column
- Heavy-duty, hospital-grade castors with total lock brakes
- Tabletop *(without iM3 Dental Tray)*:
  - **Shona** – 1200 x 600 mm
  - **Hanna** – 900 x 600 mm
- Tie down hooks to secure the patient
- Adjustable height: 530–1100 mm
- Safe working load: 150 kg
- Two year warranty



| | Cat. Code |
|---|---|
| **iM3 Shona Veterinary Table** | **SHN001** |
| **iM3 Hanna Veterinary Table** | **SHN002** |
| *(sold separately)* | |
| **iM3 Additional Dental Tray** | **TB0007** |
| **iM3 Feline Dental Tray** | **TB0015** |

**DENTAL FURNITURE**

LIA

DENTAL CARTS BY iM3

### iM3 Lia Dental Cart

**TL0001**

Make any table a dental table with the iM3 Lia Dental Cart. Lia is a height-adjustable, stainless steel cart that can be placed against any prep table, allowing you to take advantage of our unique curved dental tray and grid.

Comes complete with instrument tray, medical-grade lockable casters and ergonomic foot rest.

- Max height: 1025 mm
- Min height: 725 mm

**iM3 Lia uses the same unique dental tray as iM3 Tara and iM3 Shona. Easily removed for cleaning and draining.**

**iM3 Lia features hospital-grade, lockable casters.**

### Accessories for iM3 Dental Tables

### Additional iM3 Dental Tray – 40 cm

**TB0007**

For busy practices you can use this with either the iM3 Lia, iM3 Shona, or iM3 Tara, giving you an extra iM3 Dental Tray to use while your other tray is being cleaned.

The iM3 Dental Tray has a curved design which gives greater comfort for the veterinary staff than the traditional 'square' tray. Rather than a mesh or holes, a grid that goes all the way to the edge of the tray allows for more effective draining liquids away from the animal's head, no matter where on the tray you prefer to work. The tray detaches and reattaches with ease and yet remains amazingly stable when attached.

### iM3 Feline Dental Tray – 20 cm

**TB0015**

All the great benefits of the iM3 Dental Tray in a new, smaller tray for cats and small dogs.

### iM3 Dental Tray – Wall Holder

**TB0019**

Maximises your available space by conveniently storing the Tara Tray on the wall, freeing up valuable countertop real estate and allowing for a more organised and efficient dental workspace.

### iM3 Table Base Mat

**TB0020**

The iM3 Table Base Mat is made from easy-to-clean materials, ensuring hassle-free maintenance and promoting a hygienic workspace. Simply wipe the mat clean with a mild disinfectant to keep it free from debris and contaminants.

- 1200 x 600 mm – perfect for iM3 Tara and iM3 Shona tables

**DENTAL FURNITURE**

# ALTRA

## TABLES BY iM3

## iM3 Altra

With the iM3 Altra, we introduce the ultimate consult table for veterinary practices. Our beautiful new table is designed to look smart and professional, while maintaining all the practicality of iM3's expanding range of veterinary-specific tables. We want iM3 Altra to be part of a great consult experience for you, your clients and your patients.

Our top priorities with the iM3 Altra are ergonomics, quality, and patient comfort, all reflected in its innovative design. The hand-crafted acrylic surface is smoothly shaped, with no sharp edges or hard corners.

The motorised scissor lift runs on a powerful, integrated battery giving you free movement of iM3 Altra all day long from a single charge. The large battery capacity, combined with the heavy-duty hospital grade castors and convenient, comfortable handles, gives the table excellent mobility and flexibility.

The Irish word 'altra' means 'nurse' and with the sleek design, steady manoeuvrability, and smart functionality of iM3 Altra, we want our table to be just as essential to you as the best veterinary nurses.

iM3 Altra can raise or lower across a wide height adjustment range, ranging from as low as 345 mm off the floor, all the way up to 1125 mm tall. To keep it practical and simple, we have 360° access to the foot control buttons.

The smooth surfaces make cleaning the table quick and easy, helping your iM3 Altra maintain its like-new appearance for years to come, impressing your clients and adding to the professional environment of your consult room.

iM3 Altra is available in three different and attractive colours: a soft blue, a pink, and a striking green.

Min. Height: 345 mm

1480 mm

Max. Height: 1125 mm

600 mm

Worktop Dimensions

1345 mm

610 mm

DENTAL FURNITURE

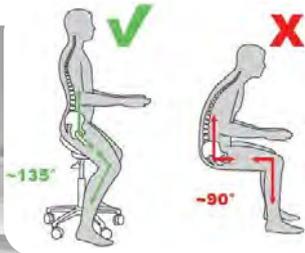| | Cat. Code |
|---|---|
| **iM3 Altra table - Blue** | **ALTR01B** |
| **iM3 Altra table - Pink** | **ALTR01P** |
| **iM3 Altra table - Green** | **ALTR01G** |

# SALLI SADDLE CHAIRS



## Sit Strong, Stay Supported

The Salli Saddle Chair offers you all the benefits of standing without any of the disadvantages. You sit in an active, balanced position which gives you countless health benefits and makes you alert and creative.

Using the correct chair height and keeping your feet under your hips positions you so that there is a vertical line from the ear to the heel, when seen from the side. In this position we are at our strongest, both physically and mentally.

The unique two-part seat makes the pelvis tilt into the upright position which enables the natural position of the spine, allowing the neck and shoulder muscles to remain relaxed.

There is neither excessive warmth nor harmful pressure in the genital area, so there is no need to lean away from that. You can have good posture and circulation for the whole day.

### Salli – Smarter Sitting for Today

- Mobility
- Healthy back
- Deeper breathing
- Higher energy levels
- Good posture
- Good circulation
- Mental strength
- Improved mental focus

## Sitting Pressure

The two-part seat with an optimal ergonomic design is a prerequisite for maintaining good posture, with undisturbed circulation.

# SALLI SITTING



*My posture is good. I am alert.*

The feet are under the body, on the side. The ears, shoulders, hips and heels on both sides are on the same vertical line.

The inner thigh is against the seat, while the genital area is towards the gap.

135°

The knees and hips are at a 135° angle.

Sit at the back of the chair.
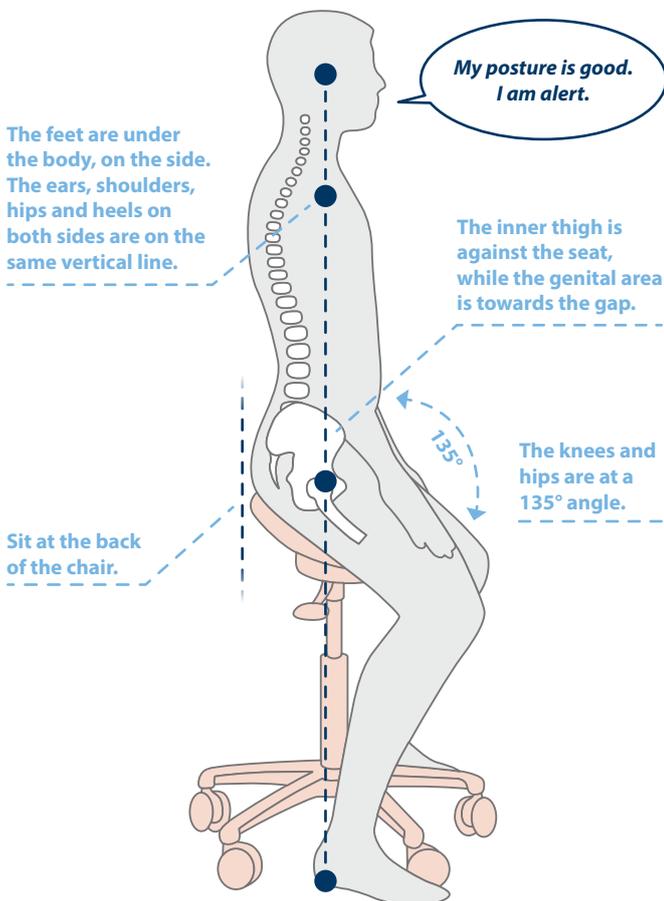
Expect to have an adaptation period of 2–3 weeks when the area around the sitting bones may feel a little sore and you may have slight pains in the body and back muscles. After this period, your Salli Chair becomes a life-long friend!

| | | Inclination | Adapts to movement |
|---|---|---|---|
| Fixed width | | Twin tilt<br>Care twin<br>Light tilt<br>Slim tilt | Swing<br>Care Swing<br>Light Swing<br>Slim Swing |
| Width adjustment | | MultiAdjuster<br>Care MultiAdjuster<br>Small MultiAdjuster | SwingFit<br>Care SwingFit<br>Small SwingFit |

**SALLI** ®
SIT HAPPY

DENTAL FURNITURE

## Salli SwingFit

Cat. Code
**SLSWFT**

- Enables the seat to be tilted every direction without a separate adjustment lever
- Two-part seat with or without inclination adjustment
- Artificial leather
- Hand-controlled height adjustment with gas spring
- Maximum load: 120 kg; Weight: 11 kg

**SALLI 10 YEAR WARRANTY**

## Salli SwingFit Small

Cat. Code
**SLSWFTS**

- Designed for users with a smaller pelvis or tight hip muscles
- Two-part seat with or without inclination adjustment
- Artificial leather
- Hand-controlled height adjustment with gas spring
- Maximum load: 120 kg; Weight: 11 kg

## Salli Small MultiAdjuster

Cat. Code
**SLMULTS**

- Ergonomically shaped, two-part seat
- Seat width adjustment and tilt adjustment
- Artificial leather
- Hand-controlled height adjustment with gas spring
- Maximum load: 120 kg; Weight: 11 kg

**SALLI 10 YEAR WARRANTY**

**AVAILABLE IN A RANGE OF 26 COLOURS**

## Salli Twin

Cat. Code
**SLTWIN**

- An excellent and ergonomic saddle chair for both genders
- Two-part seat with or without inclination adjustment
- Artificial leather
- Hand-controlled height adjustment with gas spring
- Maximum load: 120 kg Weight: 10.5 kg

## Salli LIGHT

Cat. Code
**SLSLI**

- Lightweight and provides great ergonomics at an affordable price
- Single black polyurethane piece with a groove in the middle
- Height adjustment
- Black gas spring and plastic base, aluminium base available
- Maximum load: 100 kg; Weight: 5.9 kg
- Finnish design
- Warranty: 5 years. The chair must not be used or stored in temperatures below +5 °C

**SALLI 5 YEAR WARRANTY**

## Salli SLIM

Cat. Code
**SLSSB**

- The ergonomic seat is black polyurethane with a groove in the middle
- Black gas spring and plastic base (Ø 480 mm)
- Maximum load: 100 kg; Weight: 5.6 kg
- Finnish design
- Warranty: 5 years. The chair must not be used or stored in temperatures below +5°C
- Excellent for users with a smaller frame
- All the good qualities of a two-part saddle seat!

# iM3 SADDLE CHAIR

### iM3 Saddle Chair

Cat. Code
**BC124**

Discover the perfect blend of comfort and posture support with the iM3 Saddle Chair. Its unique saddle design promotes a natural sitting position, aligning your spine and reducing back pain. Fully adjustable for height, it adapts to your body for a custom fit. Ideal for professionals who value movement and comfort in their workspace.

**DENTAL FURNITURE**

# iM3 VETERINARY DENTAL LIGHTS

## Larger spot for a true veterinary dental light

The iM3 Veterinary Dental Lights use advanced LED technology, designed specifically for veterinary use.

Unlike human dental lights with small focus areas, our veterinary-exclusive lights offer a light field of 300 x 200 mm at a distance of 1 metre.

### Field uniformity

Thanks to the exclusive reflected light optical design, through the 258 small reflecting facets of the two parabolic reflectors, the iM3 Veterinary Dental Light avoids direct viewing of the two LEDs from the light source. The lamp, at a distance of 1 metre, achieves a uniform light field of 300 x 200 mm.

### Scialytic effect

The scialytic effect of the iM3 Veterinary Dental Light generates an ellipse of only $9 \times 6$ mm. One of the main functions is to limit any shadows so that the clinician can count on an operating area that is clear and uniform. Its configuration is designed to produce a uniform beam from multiple spots. This reduces the presence of shadows to a minimum, the "scialytic" term comes from Greek and means "dissolved shadows".

### 3D rotation

Perfect balancing, combined with the exclusive 3D rotation system of the head along its optical axis, ensures optimal precision for light beam orientation, reducing the risk of glare to a minimum.

### Spot 300 x 200 mm

The 300 x 200 mm spot dimension and 35,000 LUX intensity, make the iM3 Veterinary Dental Light the ideal for multiple uses, ensuring excellent versatility.

| | Cat. Code |
|---|---|
| **iM3 Veterinary Dental Light - Wall Mount** | VDLWM1 |
| **iM3 Veterinary Dental Light - Floor Mount** | VDLFM2 |
| **iM3 Veterinary Dental Light - Ceiling Mount (130 cm)** | VDLCM3 |
| **iM3 Veterinary Dental Light - Ceiling Mount (170 cm)** | VDLCM4 |
| **iM3 Trolley Mount** | VDLTM1 |
| **iM3 Tara Table Mount** | TB0021 |

- *(Tara table sold separately)*

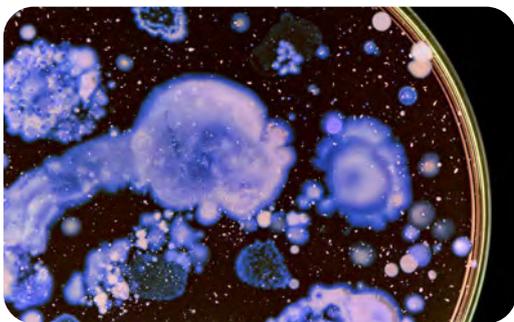| SPECIFICATIONS | |
|---|---|
| **Power Supply Voltage** | 24 VAC - 50/60 Hz - 24 VDC |
| **Power Consumption** | Max 9 VA |
| **Lux** | From 3,000 to 35,000* |
| **Cooling System** | Static heat sink *(no fan required)* |
| **Handles** | Removable and autoclavable |

* at a distance of 1 m

*Introducing*

## iM3 VETERINARY ROOM LIGHT WITH BACTERIAL KILLER

Cat. Code

**iM3 Veterinary Room Light with Bacterial Killer**          **VDRLBK**



### Revolutionizing Lighting and Disinfection for a Safer Work Environment!

Upgrade your veterinary clinic with the cutting-edge iM3 Veterinary Room Light with Bacterial Killer. Designed with a commitment to superior light performance and operator well-being, this ceiling light goes beyond illumination by incorporating near-UVA LED technology to serve as a powerful disinfection device, safeguarding your work environment like never before.

### Key Features & Benefits

#### Enhanced Lighting Spectrum

The dual illumination system replicates the natural solar spectrum, offering uniform and well-proportioned lighting that eliminates both shadow areas and the dreaded "cave" effect. Scientific research consistently confirms that sunlight not only provides the best and most natural source of lighting but also possesses natural antibacterial properties.

#### Near-UVA LED Disinfection

Our innovative lighting technology seamlessly integrates with a near-UVA beam disinfection function, transforming the ceiling light into an essential tool for preventing and reducing the risk of cross-contamination from viruses and bacteria in enclosed environments.

#### Promotes a Healthy Work Environment

By disinfecting the working environment, our veterinary room light protects your team and patients from potential infections, ensuring a safe and hygienic space for everyone.

#### Superior Contrast and Detail Vision

Our veterinary room light's exceptional light spectrum ensures excellent contrast and detail visibility, enhancing the accuracy and precision of veterinary procedures. Enjoy improved accuracy during examinations, surgeries, and treatments, resulting in more effective outcomes for your patients.
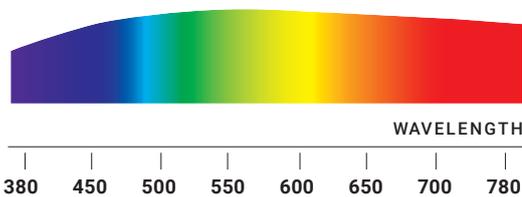
**DENTAL FURNITURE**

**DENTAL FURNITURE**

### SUNLIGHT
Spectrum



| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 380 | 450 | 500 | 550 | 600 | 650 | 700 | 780 |

WAVELENGTH

### LED LIGHTS ON THE MARKET
Spectrum
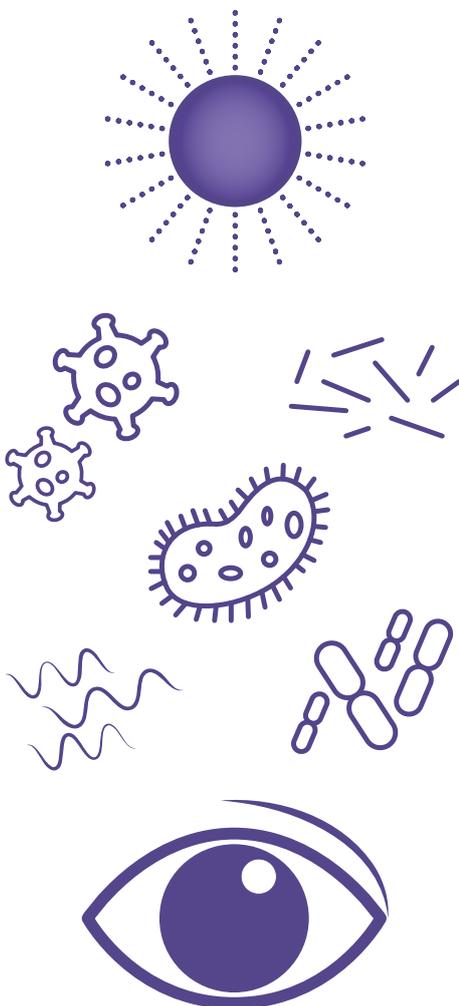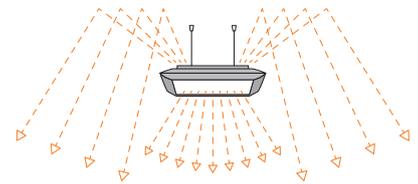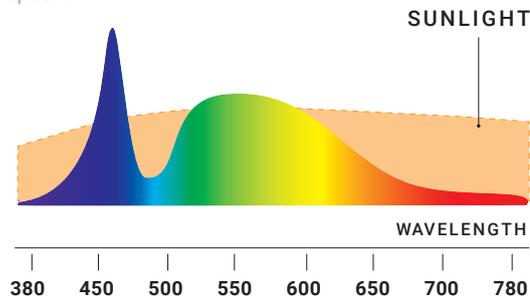
SUNLIGHT



WAVELENGTH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 380 | 450 | 500 | 550 | 600 | 650 | 700 | 780 |

### iM3 LED ROOM LIGHT - SUNLIGHT
Spectrum

SUNLIGHT
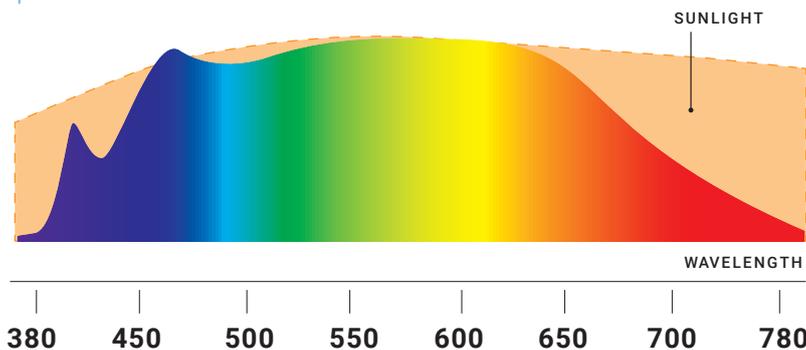


WAVELENGTH

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 380 | 450 | 500 | 550 | 600 | 650 | 700 | 780 |

*The visible fraction only.*

Cat. Code

## iM3 LED Room Light - Sunlight
**VDRL13**

The first smart LED ceiling light system with a solar spectrum.

iM3 LED Room Light - Sunlight represents a new benchmark in the field of LED room lighting. The first ceiling light that is able to reproduce the same quality of natural sunlight.

### Direct and indirect lighting

Provides multi-directional light to achieve illumination that is always homogeneous and proportional to the environment, avoiding both shadow areas as well as a "cave" effect.

### Custom illumination

Adjustable light intensity based on the surgery conditions and the operating time, thanks to:

▪ Remote control: 5 light scenarios pre-configured and also rewritable by the user.

▪ Mobile app: light scenarios that can be regulated via mobile phone, free of charge and compatible with iOS and Android operating systems.

### Two colour temperatures

6500 K of direct illumination and 4000 K of indirect illumination, in order to create the most suitable environment.

| SPECIFICATIONS* | |
|---|---|
| **Power** | Max 200 W |
| **Dimensions** | 1.030 x 645 mm |
| **Weight** | 14.5 kg |
| **Lux** | Up to 2,200 lux *(at a distance of 1.4 m)* |
| **Colour Temperatures** | Indirect 4,000 K / Direct 6,500 K |
| **TM30** | Rf 97.3 \| Rg 100.3 |
| **UGR** | <10 |

**Product in compliance with Directive 2015/53/EU.**

**\*(The technical data indicated are typical values subject to tolerance).**
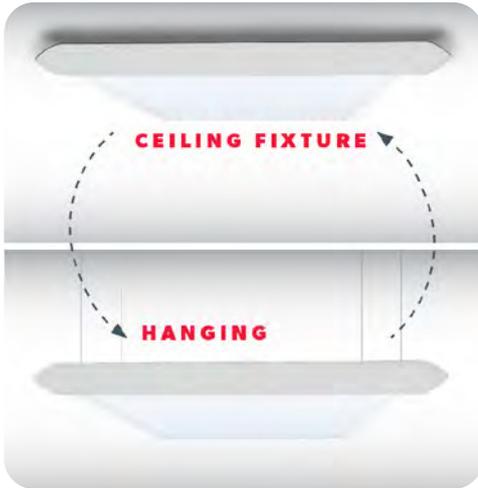
Installation has never been easier. The innovative magnetic fastening system makes ceiling installation simple and intuitive, in the same way the 'suspension kit'* makes it possible to easily convert the iM3 LED Room Light into a suspended ceiling light.

This dual installation mode allows you to place iM3 LED Room Light on any type of ceiling, making it a modern, elegant and functional environment.
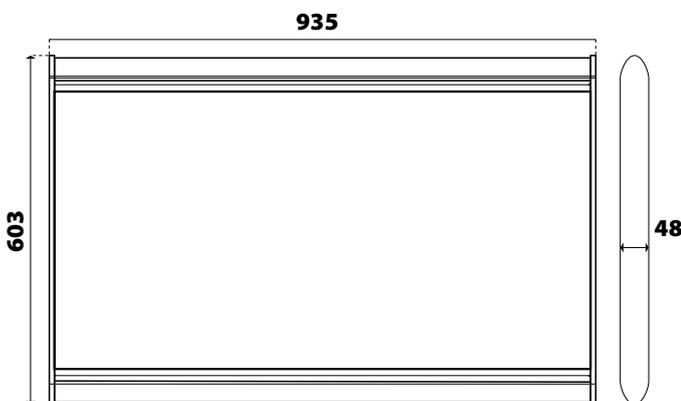
Cat. Code

## iM3 LED Room Light

VDRL12

### Essential quality for operational and aesthetic requirements

Developed through the constant research for innovative and high-performing solutions for any veterinary clinic, iM3 LED Room Light is the ceiling light designed to meet operational and aesthetic requirements of a modern working environment.

### Homogeneous lighting without shadow areas

The iM3 LED Room Light uses the latest generation technologies to provide homogeneous lighting suited to the work environment, reducing shadow areas as well as operator stress and visual fatigue. The ideal solution for those searching for a ceiling light with high level performance at a competitive price.

The colour rendition index > 90 and the colour temperature of 5,500 K, enable a realistic determination of colour and greater definition of details.

### 2.0 use

A dedicated app available for iOS and Android allows the operator to select the optimal light level and create custom scenarios that can be stored and recalled at any time.

| SPECIFICATIONS** | |
|---|---|
| Power Supply Voltage | 220–240 V AC – 50/60 Hz |
| Power Absorbed | Max 240 W |
| Dimensions | 935 x 603 x 48 mm |
| Weight | 8 kg |
| Lighting | Up to 3,100 lux (at a distance of 1.45 m) |
| Colour Temperature | 5.500 K |
| Colour Rendering Index | >90 |

**\* Optional Suspension Kit.**

**\*\* (The technical data given represent typical values subject to tolerance) Product in Compliance with Directive 2015/53/EU.**
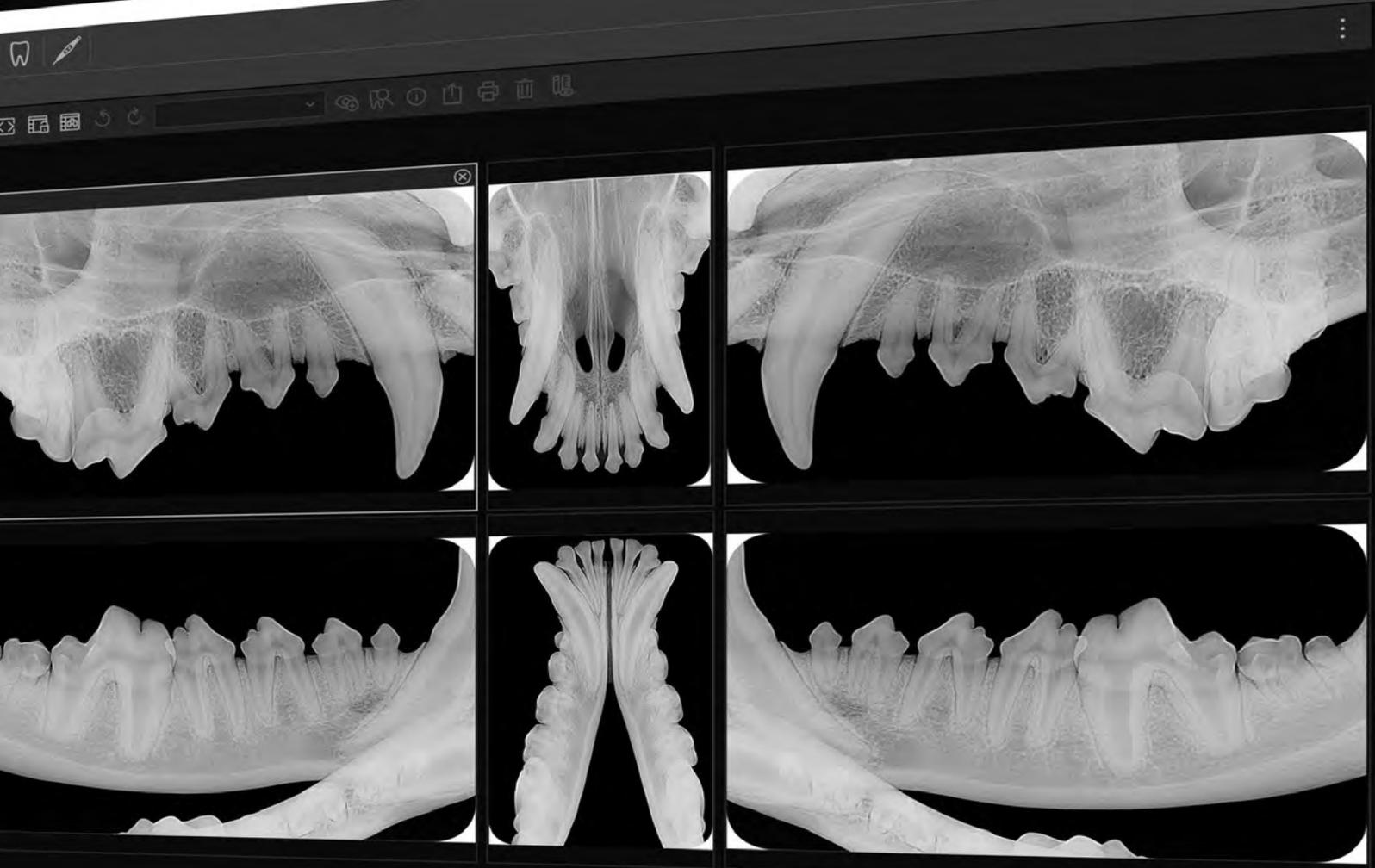
DENTAL FURNITURE

www.im3vet.eu

# 09 DENTAL X-RAY

# iM3® DENTAL FOCUS LLC
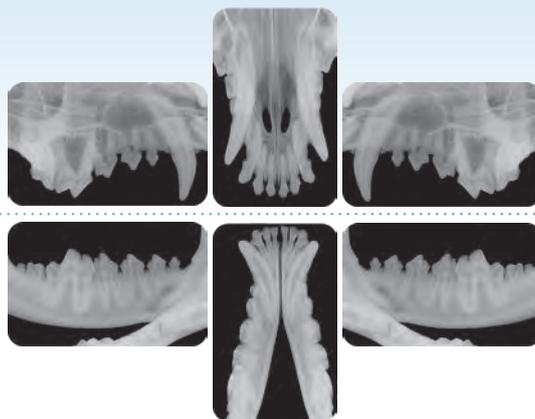
## Veterinary Dental X-Ray Solutions

Cats and dogs are their own worst enemies, as they often hide dental pain. Dental X-rays provide a visual way to show owners their pet's discomfort and can effectively demonstrate asymptomatic pathology that may require treatment. Teeth may present with no abnormal findings on the surface, but an X-ray can reveal abscesses, resorption, or ankylosis, demonstrating to the owner that treatment is required. Finding more pathology and planning treatment will confirm your role as a caring, effective veterinary professional.

### THE VETERINARY-SPECIFIC DENTAL X-RAY SYSTEM THAT WORKS!

## 1 VETERINARY GENERATORS

Having a veterinary-specific dental X-Ray generator matters. It greatly affects suitability and usability for canine and feline patients. iM3 has an X-Ray generator to suit any size of practice. We offer a range of three models, with options for fixed, mounted, or portable units.
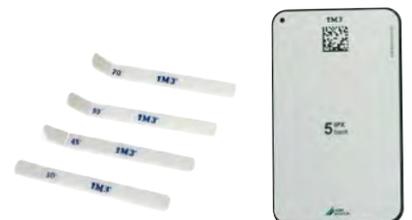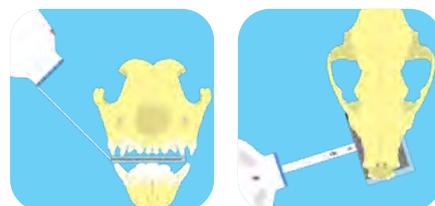


## iM3 is leading the way in enhanced patient care and efficient workflow, for an all-round solution!

## 2 POSITIONING

iM3's famous positioning technique makes veterinary dental X-Rays fast and easy. No other system can match the simplicity of our six X-Ray approach to full-mouth overviews.

We have the largest range of high-resolution image plates, specially designed for use in animals. Our veterinary intra-oral plates range from sizes 0 to 5, and now introducing the new size 6 and specialised R3 Rabbit plates.

## Intra-oral radiographs have revealed underlying pathology in:*

**27.8% of Dogs**
**41.7% of Cats**

* Verstraete FJ et al. Diagnostic value of full-mouth radiography in cats. Am J Vet Res 1998; 59(6)

*You'd be hard pressed to find another piece of equipment that ticks those elusive three boxes of good investment more effectively.*

- *Dramatically improves patient care and decision making*

- *Delivers solid profit*

- *Does not need a specialist level of training to deploy*

**Dr Dave Nicol**
MRCVS

iM3 is here to help you find the best solution for your practice and the right products to suit your needs.
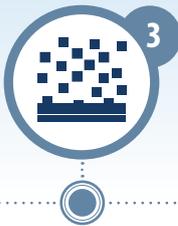
## 3 DEVELOPERS

Over the last decade, the iM3 CR 7 VET has helped make iM3's X-Ray Solution popular with vets and nurses all over the world with its exclusive plate range and superior image quality. It remains in a class of its own.

Now we are excited to introduce the *iM3 CR 7$_{2.0}$* and *iM3 CR 8*. With its two slot scanning design, the **CR 8** offers an even faster workflow than ever before.

**CR 7$_{2.0}$ Vet X-Ray Scanner**

**CR 8 Vet X-Ray Scanner**

## 4 SOFTWARE

Built for real veterinary workflows, **Clarity XR** software integrates seamlessly with any practice management system or PACS. Use your existing hardware, reduce retakes and radiation, and turn complex dental cases into clear, visual conversations clients understand.

Scalable best practice without adding complexity.

**Clarity XR Software**

## 5 STAGING

As part of iM3's X-Ray Solution, we created and promote a workflow called staging. After the initial assessment, a plan can be agreed upon with the owner, to complete the necessary work in stages, thereby allowing the veterinarian to allocate time and the client to plan financially.

**DENTAL X-RAY**

**VETERINARY GENERATORS**

# REVOLUTION 4DC

The iM3 Revolution 4DC X-Ray Generator features the latest technology. The **full-swivel ball joint** is revolutionary in every sense. The tube head revolves freely around the sphere so that practically any position can be achieved, including vertical. An automatic **touch-sensitive lock-on/lock-off device** enables effortless repositioning of the tube head between exposures.



Lightweight, solid arms in extruded aluminium with an integrated self-balancing system reduce any risk of tube head vibration during image acquisition. Great installation versatility and multiple arm lengths available.





The revolutionary full-swivel ball joint allows the tube head to revolve freely around the sphere so that practically any position can be achieved, including vertical. A touch-sensitive on/off lock enables effortless repositioning of the tube head between exposures.

A handheld wireless control allows you to program the unit from anywhere in the surgery. Full range of intuitive exposure scenarios designed to make correct X-Ray acquisition simple. The Revolution 4DC automatically defines the correct exposure by selecting the region of interest.

|                    | Cat. Code                      |
|--------------------|--------------------------------|
| **Wall mounted**   | X1100 - X1190                  |
| **Mobile trolley** | X1300                          |
| **Fixed Floor Mount** | X1100 - X1190 - X1205       |

## X-Ray Generators by iM3

iM3 offers an X-ray generator to suit practices of any size. Our range includes the *Revolution 4DC*, *Halo 4DC* and *Liferay*.

The Revolution 4DC and MyRay Generators have options for the unit to be fixed, mounted or portable.

Liferay is a handheld portable option, ideal for both dental and extremity radiographs with vet-specific icons and pre-programmed smart exposure settings.

### SPECIFICATIONS

| | |
|---|---|
| **Exposure Time** | 0.010 - 1.000 sec, R10 & R20 scale |
| **Focal Spot** | 0.4 mm (IEC 336) |
| **Stability** | Auto touch sensitive lock-on/lock-off |
| **Voltage** *(KV Setting)* | 60, 65, 70 kV |
| **Irradiated Field** | Ø60mm round |
| **Line Voltage** | 50/60 Hz, 115 V ± 10% or 230 V ± 15% |
| **Arm Extension** | 40 cm - 60 cm - 90 cm |
| **Max. Arm Extension** | 230 cm, from wall |
| **Certification** | CE 0051, cCSAus, FDA |

# HALO 4DC

## Full-mouth imaging, uninterrupted.

The iM3 Halo 4DC Dental X-Ray generator features the latest technology. Specifically conceived for digital X-Ray imaging, the constant potential tube head combined with the smallest focal spot available for **intraoral imaging (0.4mm)** guarantees consistently sharp images.

The iM3 Halo 4DC allows uninterrupted use during multiple exposures, such as full mouth acquisition, thanks to the **Dynamic Duty-Cycle**, based on real-time control of bulb temperature, visible on the handheld display.

The **wireless handheld remote** allows you to program / operate the unit from wherever you are in the surgery. There are no other wall-mounted or wired control panels to worry about.

Easy-to-use and easy-to-handle, the remote offers a full range of intuitive exposure scenarios designed to make correct X-Ray acquisition a straightforward process. No more complex programming or button-crowded panels.

The iM3 Halo 4DC automatically defines the correct exposure and adjusts the kV and mA by selecting the tooth on the vet-specific display.

### Cat. Code

| | |
|---|---|
| **Wall mounted** | X2100 - X1160 |
| **Mobile trolley** | X2300 |
| **Fixed Floor Mount** | X2100 - X1190 - X1205 |

### SPECIFICATIONS

| | |
|---|---|
| **Exposure Time** | 0.010–1.000 sec, R10 & R20 scale |
| **Focal Spot** | 0.4 mm (IEC 336) |
| **Stability** | Auto touch sensitive lock-on/lock-off |
| **Voltage** *(kV Setting)* | 60, 65, 70 kV |
| **Irradiated Field** | Ø 60mm (round) |
| **Line Voltage** | 5060 Hz, 115 V ± 10% or 230 V ± 15% |
| **Arm Extension** | 40 cm - 60 cm - 90 cm |
| **Max. Arm Extension** | 230 cm (from wall) |
| **Certification** | CE 0051, cCSAus, FDA |

DENTAL X-RAY

**Mobile Trolley**

## Fixed Floor Mount

☐ 40 cm arm
☐ 60 cm arm
☐ 90 cm arm

# X-RAY MOUNTING OPTIONS

## FOR HALO 4DC & REVOLUTION 4DC

Visit our website to configure your unit and see pricing, or contact us at sales@im3dental.com

## Handheld Remote Control

☐ Wired
☐ Wireless

## Wall Mount

☐ 40 cm arm
☐ 60 cm arm
☐ 90 cm arm

**Maximum arm extension: 230 cm from wall**

**DENTAL X-RAY**

# LIFERAY
## PORTABLE DENTAL X-RAY

The LifeRay X-ray system uses DC X-ray and high-frequency technology, offering multiple advantages:

- Smart battery management - up to 300 exposures from a single full charge of the battery
- High resolution - high-grade image quality with a 0.4 mm focal spot
- Ergonomic design
- Safe operation - radiation leakage well within the limits specified by the FDA
- Compatible with digital sensor, PSP or film
- Double-shield protection to reduce leakage of radiation

### Light & Compact
Under 5 lbs weight and under 10.5" height for easy handling and manoeuvrability.

### Versatile Functionality
Three tube-head voltages, a range of exposure durations, and the unit's inclination guide for optimum results.

### Wide Compatibility
Capture images on film, digital RVG, or PSP receptors.

### Wireless Charging
Recharge the unit's battery by simply placing it on the docking cradle.

## SPECIFICATIONS

| | |
|---|---|
| **Weight** | Under 5 lbs |
| **Height** | Under 10.5" |
| **Compatibility** | Film, Digital RGV, or PSP receptors |
| **Versatile** | Three tube-head voltages |
| **Focal Spot** | 0.4 mm |
| **Battery** | Up to 300 exposures from a single full charge |
| **Safe Operation** | FDA approved |
| **Wireless Charging** | ✓ |

DENTAL X-RAY

**POSITIONING**

# THE COMPLETE iM3 X-RAY

## 1 Angle guides & adjustable bisecting angle guide

Angles of X-Ray beams affect the shape and size of shadows. To isolate detail for examination and avoid squashed or stretched images, use our preset guides, which provide **angle**, **distance**, and **positioning**. Set-angle positioning guides (sizes **30°**, **45°**, **55°**, and new **70°** angles) provide the option of alternative canine and incisor projections, which are useful for particular breeds.
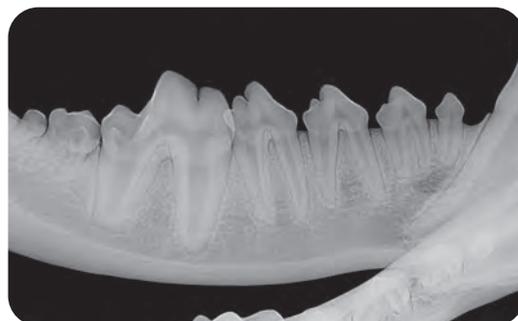
## 2 Bite guards

Protect your plates from bite marks or damage to achieve the ideal scan. Polycarbonate IP bite protector plate holders are available in **sizes 2, 4, and 5**.

**DENTAL X-RAY**

Cat. Code
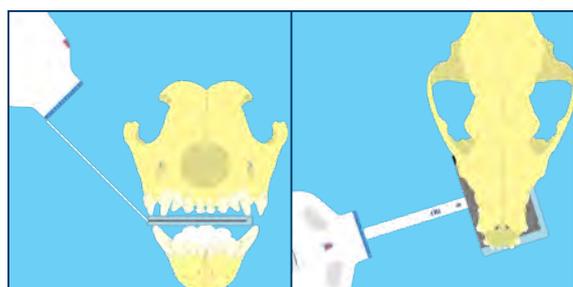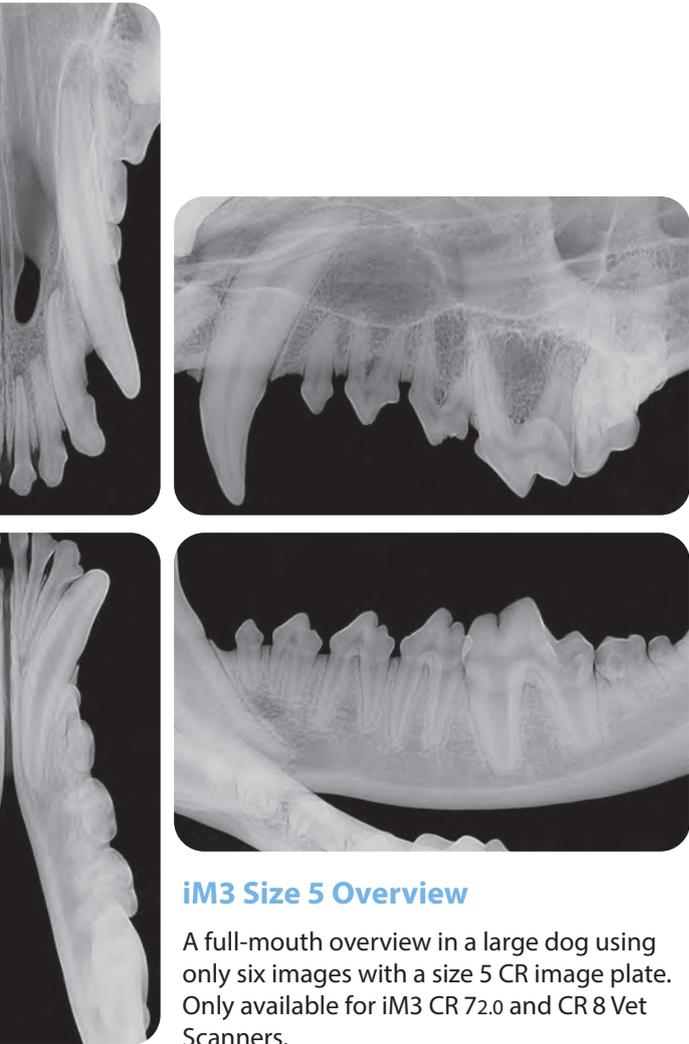
### iM3 X-Ray Positioning Kit

X8500

Designed for use with our **CR 72.0** and **CR 8** scanners, this kit addresses the anatomical challenges of veterinary dental imaging. As animals lack a palatal arch, achieving the correct angle can be difficult. iM3's solution removes the guesswork with guides for accurate angle, distance, and positioning.

For a step-by-step demonstration, please refer to our "*How to Use*" video, available on our website.

# POSITIONING KIT

### ③ Positioning posters

**Dog**, **cat**, and **rabbit** positioning posters feature larger, easy-to-follow illustrations.



### iM3 Size 5 Overview

A full-mouth overview in a large dog using only six images with a size 5 CR image plate. Only available for iM3 CR 7 2.0 and CR 8 Vet Scanners.

DENTAL X-RAY

**DEVELOPERS**

# iM3® CR 7_2.0_ VET

The iM3 CR7_2.0_ VET offers pioneering AI functions, easier workflow, simultaneous scanning, standalone mode, and much more!

## Features & Benefits

- Improved image plate feeding technique reducing operator errors and improving workflow.

- Unsurpassed resolution of 40 LP/mm theoretical, with 25 LP/mm true resolution, which is up to double the true resolution of other CR and DR systems.

- A large range of flexible, thin plates allows for easy positioning, ranging from size **0** *(2.2 x 3.5 cm)* to size **5** *(5.7 x 9.4 cm)*.

- Fast processing times, less than 8 sec for a size 2 plate (at standard resolution).

- It is possible to obtain a full-mouth scan of a large dog with only six scans.

- Unique design protects unit and radiographs from dust, hair, and particles that can reduce image quality.

- Swappable plate feeders mean that the CR 7_2.0_ accepts all image plate sizes from **0 - 5**, including R3 rabbit plates.

**2 YEAR WARRANTY**

Cat. Code
**X7700**

*Interchangeable inserts available for all intraoral image plates*

*Full range of plate sizes available*

*Smart Reader optional*

**AVAILABLE ON**
**iM360**

### X-Ray Developers by iM3

iM3 developers use software specific to veterinary dentistry and offer one of the largest ranges of plate shapes available on the market. Developers come preloaded with Vet-Exam Pro software, providing superior image resolution quality, and are fully DICOM compliant, ensuring easy export of data.

Our developers are precision-made by German manufacturers with a two-year warranty and iM3 technical support provided. iM3 R3 plate for rabbits also works with these scanners.

| SPECIFICATIONS | |
|---|---|
| **Resolution** | 25 LP/mm actual *(40 LP/mm theoretical)* |
| **Operating Time** | 8 seconds |
| **Plate Sizes** | 0 – 5 plus R3 |
| **Network** | Single PC or Windows Server* database installation with workstation PCs |
| **Warranty** | 2 years |
| **Software** | Vet Exam Pro |
| **Dimensions** *(Height x Width x Depth)* | 24.9 x 21.1 x 25.8 cm |
| **Weight** | 5 kg |
| **Technical Support** | ✓ |
| **DICOM Compliant** | ✓ |

*Windows Server 2019 or greater required

# SMART READER VET

**Smarter workflows with the CR7*2.0* VET - automation to make your work more efficient**

- Multiple dental stations running off a single scanner
- Increased workflow
- More dental examinations

Cat. Code
**X7733**

NEW



### ① Assign the image plate

The iM3 Smart Reader can be used to assign image plates to a patient in Vet Exam Pro. This puts the **CR7*2.0*** into preparation for image acquisition mode.
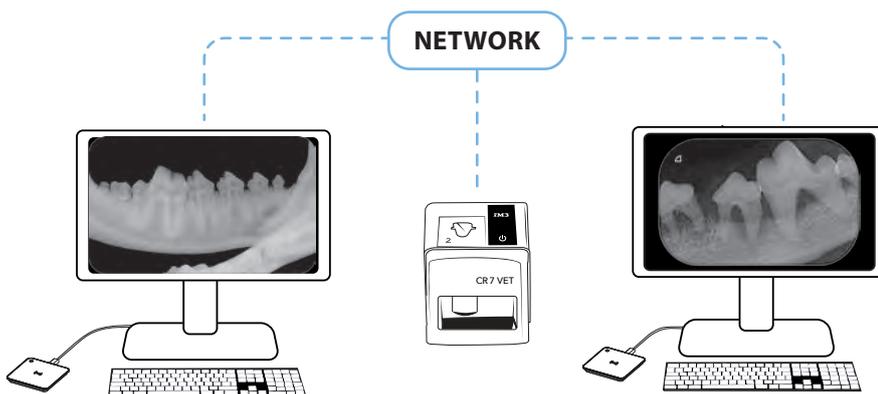


### ② Scan the image plate

Now scan image plates from different patients in any sequence, one after the other.



### ③ Assess the X-Ray image

Vet Exam Pro automatically assigns the X-Ray images to the correct patients.

NETWORK



## Smart Reader VET Setup

The new Smart Reader VET increases dental workflow efficiency without the need for additional scanners. In this example, two practitioners can work on separate stations. Each has their own computer and Smart Reader VET, allowing them to share a single iM3 **CR 7*2.0*** VET with maximum efficiency.

Contact iM3 or your local distributor to discuss your optimal setup.

**DENTAL X-RAY**

**DEVELOPERS**

# iM3® CR 8 VET

With its two-slot scanning design, the CR 8 offers an even faster workflow than ever before.

Cat. Code
**X8101**

## Features & Benefits

- Highest resolution of 40 LP/mm theoretical, with 25 LP/mm true resolution – up to double the true resolution of other CR and DR systems.

- Plates sizes **0–6**; flexible, thin plates allow for easy positioning

- 2x plate slots, providing parallel scanning for fast sequential scanning of imaging plates

- Adjustable resolutions allow for fast scanning times. Up to 4x size 2 image plates can be read in as little as 25 seconds!

- It is possible to get a full-mouth scan of large dog with only six scans

- Developed for requirements in large veterinary practices and dental clinics

**2 YEAR WARRANTY**

*2 x plate slots, takes all sizes, for fast sequential scanning of image plates*

*Touch display, patented PCS technology for excellent image quality*

*Automatically erases your imaging plates ready for reuse*

**AVAILABLE ON**

**iM360**

## DENTAL X-RAY

| SPECIFICATIONS | |
|---|---|
| **Resolution** | 25 LP/mm actual *(40 LP/mm theoretical)* |
| **Operating Time** | 8 seconds |
| **Plate Sizes** | 0 – 5 plus R3 |
| **Network** | Single PC or Windows Server* database installation with workstation PCs |
| **Warranty** | 2 years |
| **Software** | Vet Exam Pro |
| **Dimensions** *(Height x Width x Depth)* | 24.9 x 21.1 x 25.8 cm |
| **Weight** | 5 kg |
| **Technical Support** | ✓ |
| **DICOM Compliant** | ✓ |

*Windows Server 2019 or greater required

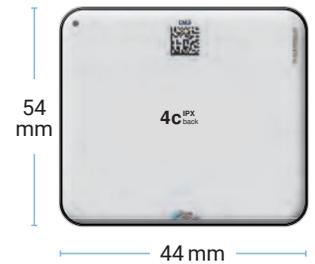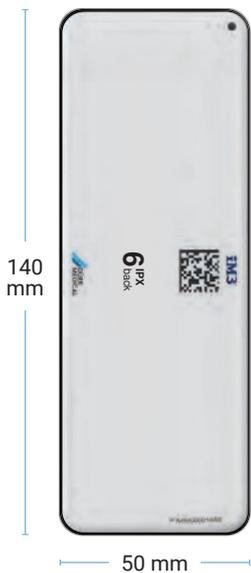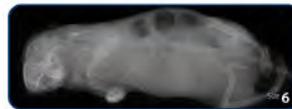## X-RAY PLATES

### AI Plate Detection

Thanks to the new IPX plates, our Vet Exam Pro software is uniquely able to identify when a plate is exposed on the wrong side and warns the user. This provides peace of mind that human error will not lead to reversed images.

*Only at iM3 can you find the complete range of veterinary dental image plates in true and accurate sizes!*

| Plate No. | Dimensions | Cat. No. |
|---|---|---|
| 0 | 22 x 35 mm | IPXS0 |
| 1 | 24 x 40 mm | IPXS1 |
| 2 | 30 x 40 mm | IPXS2 |
| 3 | 27 x 54 mm | IPXS3 |
| 4C | 44 x 54 mm | IPXS4C |
| 4 | 57 x 76 mm | IPXS4 |
| 5 | 57 x 94 mm | IPXS5 |
| 6 (CR 8 only) | 50 x 140 mm | IPXS6 |
| R3 | 22 x 54 mm | IPXR3 |

*Introducing size 6, with great potential for long snouted dogs, extremities, and small exotics. Only for use with CR 8.*

140 mm — 50 mm — **6** IPX back

94 mm — 57 mm — **5** IPX back

76 mm — 57 mm — **4** IPX back

54 mm — 44 mm — **4c** IPX back

54 mm — 27 mm — **3** IPX back

54 mm — 22 mm — **R3** IPX back

40 mm — 30 mm — **2** IPX back

40 mm — 24 mm — **1** IPX back

35 mm — 22 mm — **0** IPX back

### CR 7*2.0* & CR 8 Scanning Plates

iM3 has the largest range of plate shapes available to the veterinary dental market, and are for use specifically with iM3's CR 7*2.0* and CR 8 scanners. Size 5 intra-oral image plates in particular are a must for canine dentistry.

iM3 created the R3 plate for scanning small animals such as rabbits. This R3 plate is for use on both our CR7*2.0* and CR8 scanners, which are currently the only scanners worldwide with a scanning plate for rabbits.

*Note: Not compatible with older systems.*

Size **2** DR Sensor
Size **4C**
Size **5**
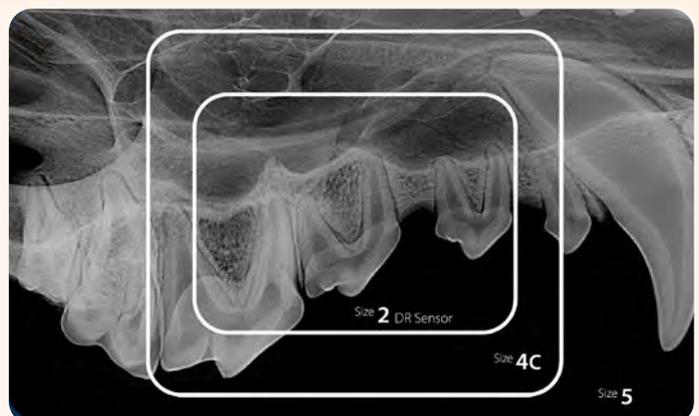
*Others claim our sizes, but their plates are actually smaller!*

# **iM3® DR SENSOR RANGE**

PRECISION IMAGING FOR EVERY ANIMAL, EVERY SIZE!

## DR SENSOR **X** *Size* **2**
43 mm x 33 mm

## DR SENSOR **Y** *Size* **4**
77 mm x 54 mm

## DR SENSOR **Z** *Size* **6**
145 mm x 75 mm

**DENTAL X-RAY**

# iM3® DR SENSOR X Size 2

## OUTSTANDING IMAGE QUALITY THROUGH INNOVATIVE DESIGN

Cat. Code
**X5100**

Reinforced cable

- Shield
- Scintillator
- Fiber optics
- CMOS chip
- Shock absorber
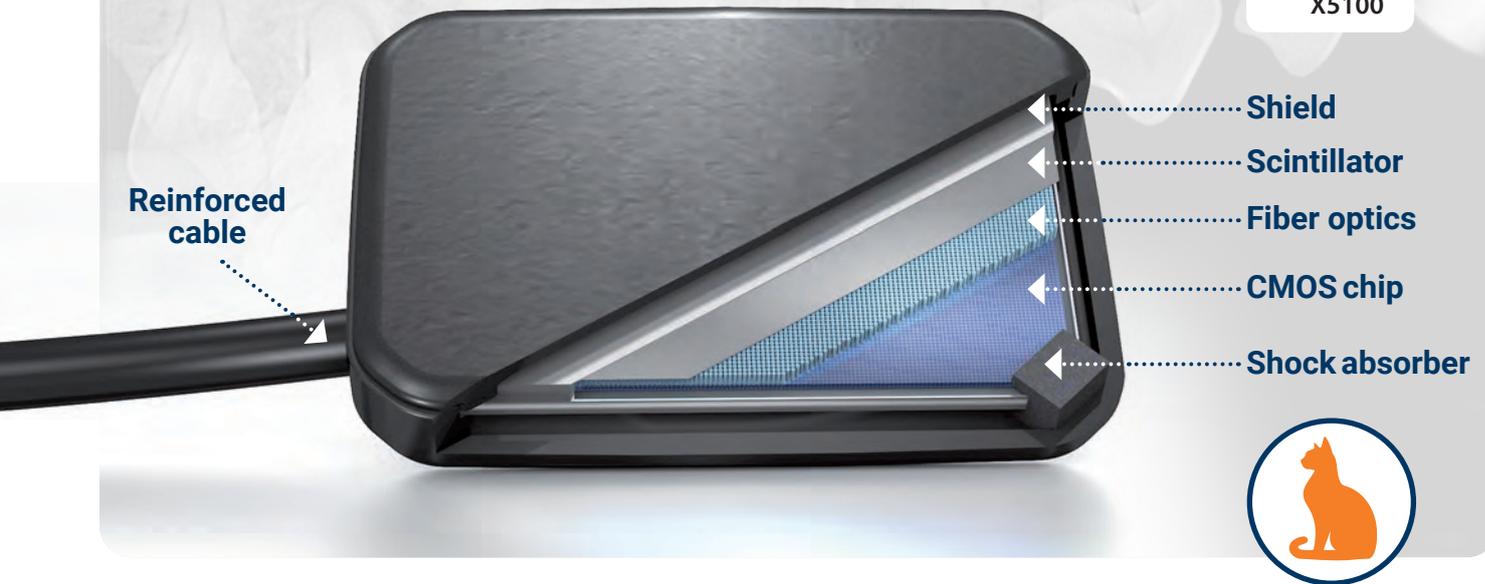
Digital Radiography (DR) provides real-time, high-resolution imaging after exposure using your X-Ray generator.

The high-resolution latent image is automatically displayed on your computer screen in a matter of seconds. The optimised digital images can be shared directly with other users and easily archived.

## Features and benefits

- Increased volume and eliminates the need for a darkroom
- Direct imaging
- Great for checking single teeth before and after treatment
- CMOS technology ensures fast transmission of high-resolution images

## DR Sensor system includes:

- iM3 DR Sensor X – size 2
- Vet Exam Pro software
- Installation and training options available
- 2-Year limited warranty

## Optional accessories:

- Hygiene cover
- Sensor holder
- USB extension cable
- Cleaning wipes

DENTAL X-RAY

## SPECIFICATIONS

| Resolution | Detector Type | Dimensions (H x W x L) | Plate Size | Sensor Surface | Pixel Size & Number | Cable Length | PC Connection | Service Life |
|---|---|---|---|---|---|---|---|---|
| 20 LP/mm | CMOS photodiode | 6.3 x 33.1 x 43 mm | Size 2 (3 x 4 cm) | 36 x 26 mm | 19 x 19 µm 1,368 x 1,896 = 2,593,728 | 2.5 m | USB 2.0 / USB 3.0 compatible USB extension 1m (standard) | >400,000 images* |

* If used properly as described in the usage instructions, with an average detector dose of 50 uGy.

# iM3® DR SENSOR Y Size 4

## WIDE DYNAMIC RANGE - 20 lp/mm

Cat. Code
**Y5200**

**2 YEAR WARRANTY**

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**The iM3 DR Sensor Y represents a significant increase in size for veterinary dentistry compared to its predecessors, now similar to the dimensions of a size 4 CR plate at 53.8 x 77.1 x 6.5 mm.**

This larger size provides a broader imaging area, capturing detailed dental structures with greater precision.

The increased size enhances its versatility, accommodating a wider range of animal patients and facilitating efficient diagnoses. This is what veterinary dentists have been asking for, and iM3 is now bringing it to the market.

### High Resolution - 20 lp/mm!

iM3 DR Sensor Y makes use of a CsI scintillator as opposed to the more common Gadox-based sensors, resulting in far higher resolution and less noise.

With an impressive resolution of 20 line pairs per mm (lp/mm), it outperforms the typical 12 lp/mm resolution found in conventional sensors. This heightened level of detail and clarity in the captured images allows for more accurate and comprehensive evaluations of dental pathology.
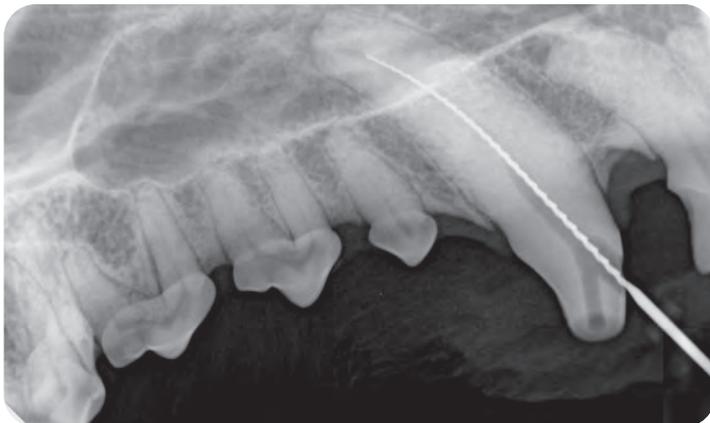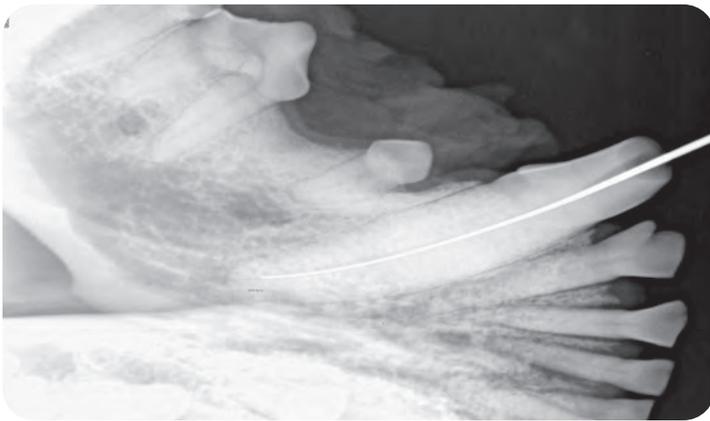
### Wide Dynamic Range!

The iM3 DR Sensor Y has built-in WDR (Wide Dynamic Range). The wider the dynamic range, the better the sensor can read at both high and low doses of X-Ray exposure. As a result, the iM3 DR Sensor Y is very forgiving and can produce clear, sharp images under a wider range of conditions than competing sensors.

### The Perfect Addition!

Compatible with Vet Exam Pro, the iM3 DR Sensor Y is a perfect addition to users of iM3 CR 7 or CR 8, or iM3 DR Sensor X (our size 2 DR sensor).

However, the iM3 DR Sensor Y is packaged with TWAIN drivers as opposed to its own software suite. This flexibility allows veterinary professionals to utilise their preferred imaging software, providing them with greater control and customization options for their dental radiography workflow. By being compatible with a wide range of TWAIN-supported programs, the DR sensor ensures a smooth and efficient integration process, eliminating the need for additional software installations and simplifying the overall imaging setup. Veterinarians can confidently embrace this adaptable solution, enhancing their diagnostic capabilities while maintaining the convenience of their chosen dental X-Ray imaging software.

DENTAL X-RAY

## iM3 DR Sensor X & Y
### X-Rays



**High resolution, low noise image even at low and high doses**

## Typical Dental DR Sensor
### X-Rays



> "
> *I have used the size 4 direct X-Ray sensor, called the Y-sensor, in treatment of multiple bears. The system is very easy to use with the Vet-Exam Pro software. The sensor provides very quick images in high resolution.*
>
> *So if you are doing dentistry on large animals, everything from large dogs to big bears, tigers and lions, this system is a "must-have", especially if you work in the field or out-bush in extreme conditions.*
>
> **Jens Ruhnau**
> DVM, Dipl.EVDC
> September 2024

## Features & Benefits

- WDR (Wide Dynamic Range) means there is minimal risk of overexposure to radiation
- High resolution 20 lp/mm, with less noise
- TWAIN drivers make this DR sensor compatible with a wide range of imaging software
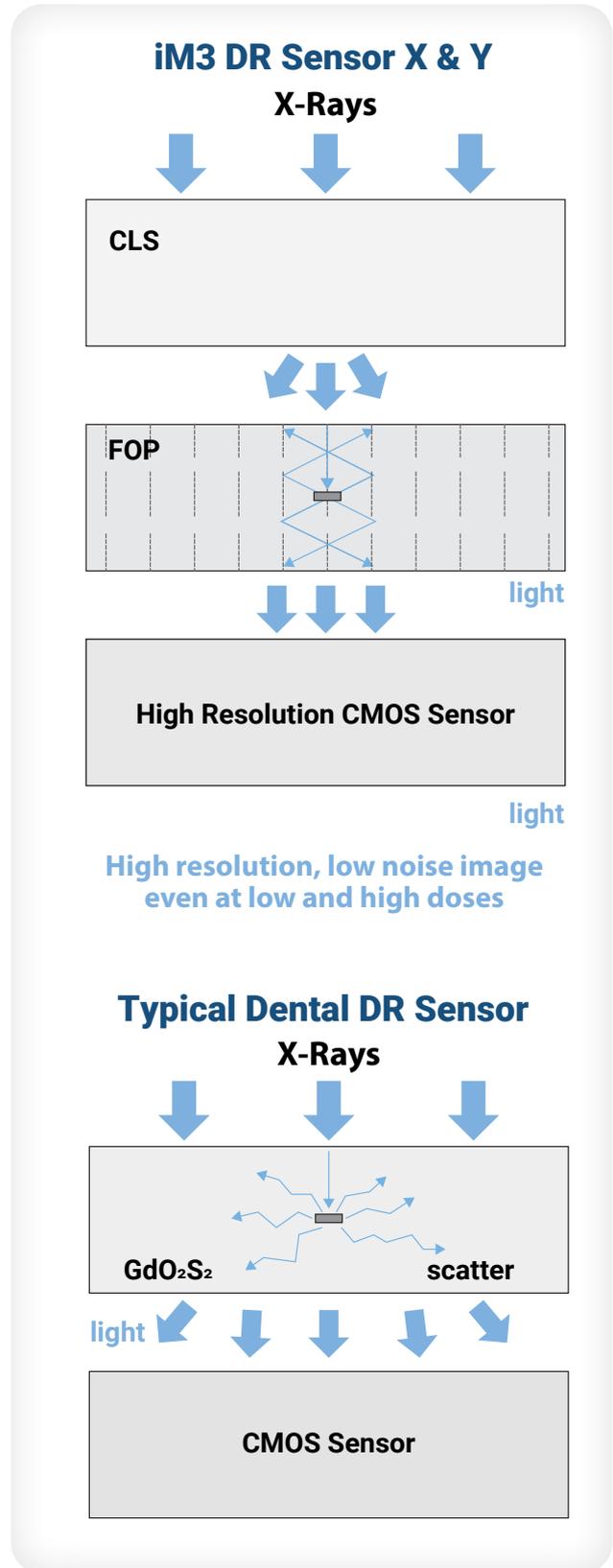
**DENTAL X-RAY**

## SPECIFICATIONS

| Model | Chip Type | Pixel Size | Dimensions (Width x Length x Depth) | Active Area (mm) | Active Pixel Array | Voltage |
|---|---|---|---|---|---|---|
| Sensor Y | APS CMOS | 18.5 μm | 53.8 x 77.1 x 6.5 mm | 46.7 x 67.3 | 2524 x 3640 px | USB: 5.0 V ± 0.5 V |

| Electricity Current | Power | Digitisation | Imaging Time | Spatial Resolution | Theoretical Resolution | Signal Output |
|---|---|---|---|---|---|---|
| USB: ≤ 500 mA | ≤ 1 W | 12/14 bit | 3–4 s | Csl: ≥20 lp/mm | 27 lp/mm | USB 2.0 |

# iM3® DR SENSOR Z Size 6

Cat. Code:
**Z5300**

**2 YEAR WARRANTY**

**The iM3 DR Sensor Z is a game changer for large animal dentistry, both in equine dental and for zoo work thanks to its large surface area, with dimensions of 145 x 75 x 10 mm.**

This enlargement allows for a broader and more comprehensive area of imaging, capturing detailed dental structures with greater precision.

The increased size enhances its versatility, accommodating a wider range of animal patients and facilitating efficient diagnoses. This is what veterinary dentists have been asking for, and iM3 is now bringing it to the market.

## Theoretical Resolution - 23 lp/mm!

iM3 DR Sensor Z makes use of a CsI scintillator as opposed to the more common Gadox-based sensors, resulting in far higher resolution and less noise.

## Wide Dynamic Range!

The iM3 DR Sensor Z has built-in WDR (or Wide Dynamic Range). The wider the dynamic range, the better the sensor performs at both high and low doses of X-Ray exposure. As a result, the iM3 DR Sensor Z is very forgiving and can produce clear, sharp images under a wider range of conditions than competing systems.

## The Perfect Addition!

Compatible with Vet Exam Pro, the iM3 DR Sensor Z is a perfect addition to users of iM3 CR 7 or CR 8, or iM3 DR Sensor X (our size 2 DR sensor).

However, the iM3 DR Sensor Z is packaged with TWAIN drivers as opposed to its own software suite. This flexibility allows veterinary professionals to utilise their preferred imaging software, providing them with greater control and customization options for their dental radiography workflow. By being compatible with a wide range of TWAIN-supported programs, the DR sensor ensures a smooth and efficient integration process, eliminating the need for additional software installations and simplifying the overall imaging setup. Veterinarians can confidently embrace this adaptable solution, enhancing their diagnostic capabilities while maintaining the convenience of their chosen dental X-Ray imaging software.

## SPECIFICATIONS

| Model | Chip Type | Pixel Size | Dimensions (Width x Length x Depth) | Active Area (mm) | Active Pixel Array |
|---|---|---|---|---|---|
| Sensor Z | CMOS | 18.5 µm | 144.8 x 75.6 x 10.3 mm | 67.5 x 116.0 | 3646 x 6268 px |
| **Voltage** | **Power** | **Digitisation** | **Spatial Resolution** | **Theoretical Resolution** | **Signal Output** |
| USB: 2.0 V ± 0.7 V | 750 mW | 14/16 bit | CsI: 12–16 lp/mm | 23 lp/mm | USB 2.0 |

## SCANNER FEATURES AND OPTIONS

| | Typical Human CR* | iM3 CR 7 2.0 VET | iM3 CR 8 VET | iM3 DR Sensor X | iM3 DR Sensor Y | iM3 DR Sensor Z |
|---|---|---|---|---|---|---|
| **Plate Range** | Size 0–3 or 0–4C** | Sizes 0–5 | Sizes 0–6 | Size 2 | Size 4 | Size 6 |
| **No. of Plates in Range** | 4 or 5 | 8 | 9 | 1 | 1 | 1 |
| **Plate Dimensions (largest)** | 48 x 54 mm | 94 x 57 mm | 140 x 50 mm | 30 x 40 mm | 54 x 77 mm | 68 x 116 mm |
| **Plate Thickness** | < 1 mm | < 1 mm | < 1 mm | 6.3 mm | 6.5 mm | 10 mm |
| **Veterinary-Specific Plates** | No | Size R3 and Size 5 | Sizes R3, 5 & 6 | N/A | N/A | N/A |
| **iM3 Positioning Kit** | Not compatible | Yes | Yes | N/A | N/A | N/A |
| **Veterinary Software** | Not guaranteed | Yes – included in the price | Yes – included in the price | Yes – included in the price | Yes – optional | Yes – optional |
| **Resolution** | 12.5 – 15 lp/mm *(theoretical 20 lp/mm)* | 25 lp/mm *(theoretical 40 lp/mm)* | 25 lp/mm *(theoretical 40 lp/mm)* | 20 lp/mm *(theoretical 27 lp/mm)* | 20 lp/mm *(theoretical 27 lp/mm)* | 12-16 lp/mm *(theoretical 23 lp/mm)* |
| **Scanning Slots** | 1 | 1 | 2 | N/A | N/A | N/A |
| **Smart Reader VET** | No | Yes - Optional | Not currently available | N/A | N/A | N/A |
| **AI Plate Direction Detection** | No | Yes | Yes | N/A | N/A | N/A |
| **Exposure Detection** | No | Yes | Yes | N/A | N/A | N/A |
| **Warranty** | 1 year | 2 years | 2 years | 2 years | 2 years | 2 years |
| **Cost to Replace Plates** | € | € | € | €€€€ | €€€€ | €€€€ |

\* Based on most common specifications of human dental CR scanners promoted in veterinary market.

\*\* Do not confuse 4C with an actual Size 4! 4C plates are smaller and iM3 promotes their use in small dogs. For medium and large dogs, an actual Size 4 or Size 5 is essential.

**iM3 offers a vast range of CR plate sizes, as more than one CR plate and DR sensor size is required for an efficient workflow.**

CR 8

CR 7 2.0

# iM3 CR 7 2.0 VET & iM3 CR 8 VET

## COMPREHENSIVE KIT

To get the most out of your new veterinary dental X-Ray system, iM3 has tailored this comprehensive kit to give you the essential components when purchasing either of the scanners.

### Includes:

- CR Scanner *(iM3 CR 7 2.0 VET or iM3 CR 8 VET)*
- Vet Exam Pro Software *(up to 10 licences)*
- 4x Size 2 image plates and 300x Size 2 sheaths
- 1x Size 4 image plate and 100x Size 4 sheaths
- 1x Size 5 image plate and 100x Size 5 sheaths
- iM3 Positioning Kit
- iM3 Dental X-Ray Mat
- 2-year warranty with iM3 online technical support

Please note these packages do not include X-Ray generators. Finding the best generator option for a clinic is important. Our sales team or any of our local distributors will be happy to discuss solutions.

**DENTAL X-RAY**

| | Cat. Code |
|---|---|
| **iM3 CR 7 2.0 VET Comprehensive Kit** | X7502 |
| **iM3 CR 8 VET Comprehensive Kit** | X8800 |

## Accessories and Consumables for Dental X-Ray

| Plate Size | Dimensions | Quantity | Sheath Code |
|---|---|---|---|
| 0 | 22 x 35 mm | 100 per pk | X7101D |
| 1 | 24 x 40 mm | 100 per pk | X7111D |
| 2 | 30 x 40 mm | 300 per pk | X7122D |
| 3 | 27 x 54 mm | 100 per pk | X7133D |
| 4C | 44 x 54 mm | 100 per pk | XC144 |
| 4 | 57 x 76 mm | 100 per pk | X7144D |
| 5 | 57 x 94 mm | 100 per pk | X7155D |
| 6 (CR 8 only) | 50 x 140 mm | 30 per pk | X7166 |
| R3 | 22 x 54 mm | 100 per pk | X7133D |

*All sheaths are single-use only*

### Image Plate Sheaths

Single use protective sheaths for intra-oral image plates.

Order online at: **www.im3vet.eu**

*For the safety of the animal and the operator, as well as the longevity of the CR developer and image plates, all sheaths must be treated as single-use only. Cost of sheaths should be factored into all procedures.*

| CR 7 Scanning Plates | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Plate No.** | 0 | 1 | 2 | 3 | 4C | 4 | 5 | R3 |
| **Dimensions (mm)** | 22 x 35 | 24 x 40 | 30 x 40 | 27 x 54 | 44 x 54 | 57 x 76 | 57 x 94 | 22 x 54 |
| **Cat. No.** | X7100 | X7110 | X7120 | X7130 | XC140 | X7140 | X7150 | X7170 |

Cat. Code

### CR Image Plate Storage Box — X7256

Hard wearing image plate storage box, with a rubber holding mat in order to keep image plates protected when not in use and prolong their working life.

*Plates not included.*

### Occlusal Overlay Image Plate Protection Size 4 – 100 Pieces — X7158

Bite cover to protect the imaging plates from cross contamination, mechanical damage and information loss caused by ambient light.
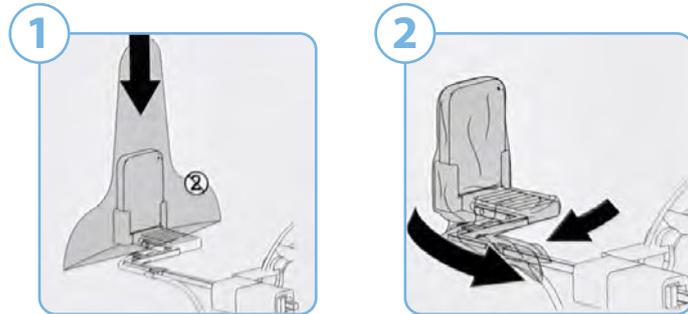
### Image Plate Wipes – 10 Pieces — X7191

Image plate wipes are suitable for cleaning CR 7 and CR 8 image plates. The IP wipes are designed not to damage the high-resolution image plate surface.
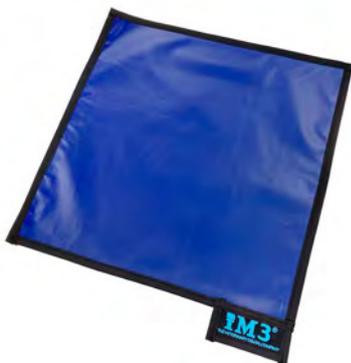
- 10 wipes supplied per box

DENTAL X-RAY

## DR Sensor X  Disposable Cover – 100 Pieces

X5001



## DR Sensor Y Sheaths – 100 Pieces

Y5205

Disposable sheaths for DR Sensor Y, fitting size 4 DR sensors.

- 100 pieces per pack

## Dental X-Ray Mat

XM040

- A 40 cm x 40 cm mat for use under the patient's head.
- Lighter and easier to look after than true lead mats.
- Absorbs radiation, reducing scatter during dental X-ray procedures when lead-lined tables are not used, making it safer for both the patient and practitioner.
- Sealed and waterproof, making it easy to disinfect.

## Mobile X Ray Safety Shield – 1.0 mm LE Barrier

XM150

- A 170 cm x 90 cm mobile X-Ray barrier.
- Low-lead type, constructed with a layer of lead and a layer of antimony.
- 1.0 mm thickness is equivalent to the protection given by 1.0 mm of lead.
- 1.0 mm LE (Lead Equivalence); the bilayer attenuates approximately 99.5% of radiation at 60–70 kVp.
- Lighter and easier to look after than true lead mats.
- Absorbs radiation, safer for the patient and practitioner.
- Mobile unit on wheels with brakes.
- 170 cm tall (including 10 cm for base and wheels) and 90 cm wide.
- Base is 62 cm deep.

DENTAL X-RAY

# CLARITY XR

## VETERINARY DENTAL SOFTWARE



## Faster Workflow. Advanced Imagery. Confident Diagnosis. More Clarity.

Built for real veterinary workflows, this platform integrates seamlessly with any practice management system or PACS. Use your existing hardware, reduce retakes and radiation, and turn complex dental cases into clear, visual conversations clients understand. Scalable best practice without adding complexity.

- Seamless system integration *(CR & DR)*
- Pathology recognition *(70+ conditions)*
- Client-connected imaging

- Increased dental treatment acceptance
- Remote wound monitoring
- Reporting

- Advanced image optimisation
- Clarity Question Lab
- Confident diagnostics

**DENTAL X-RAY**

## UPLOADING IMAGES PRIOR TO CONSULTATION

### Client-Connected Imaging

Securely pair phones and tablets to individual patient records, allowing staff or pet owners to upload images directly into the clinical file. These images support clearer consultations, improve client understanding, and consistently increase dental treatment acceptance from ~10% to over 60%.



Scan to upload images to the patient record

Use Clarity to analyse the results

View and share with pet owners
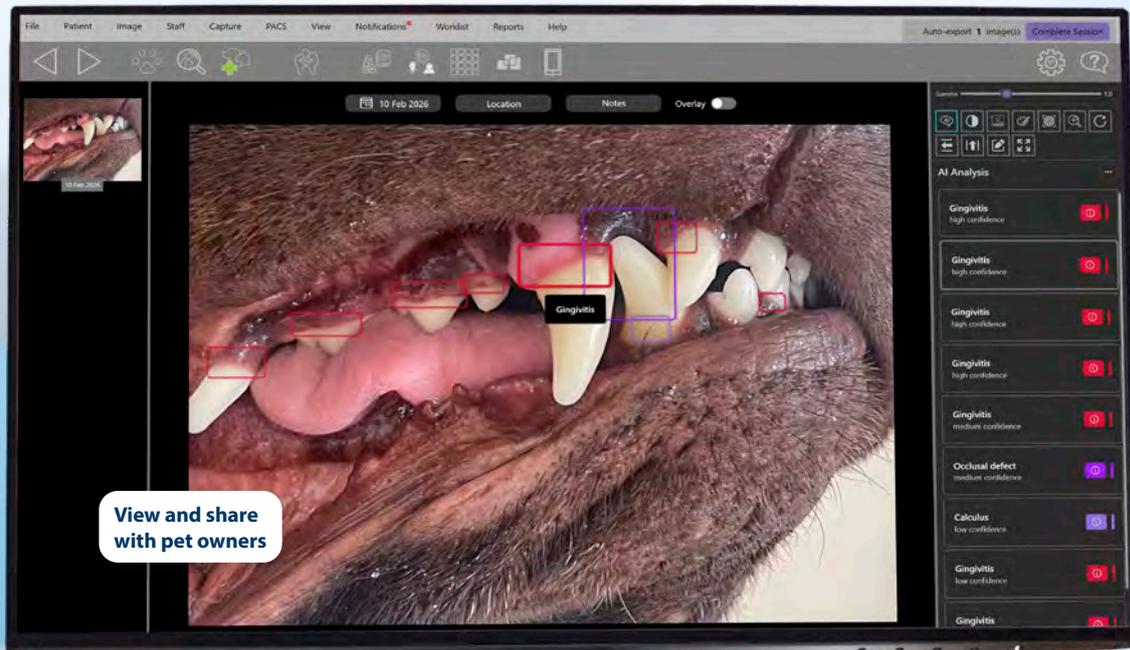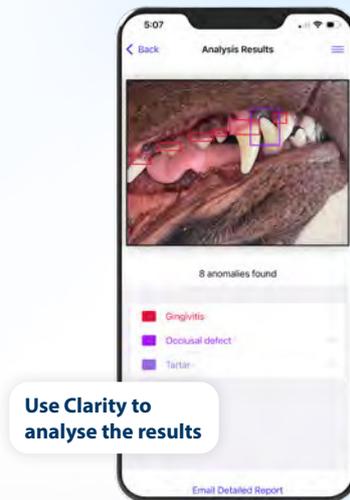
Unlike conventional veterinary X-Ray software that relies solely on static image libraries curated by radiographers, our system is trained using comprehensive 24-month clinical case histories. Each case integrates physical examinations, probing data, and medical imaging, mirroring real-world diagnostic workflows. This multidimensional training approach enables Clarity to deliver context-aware, clinically relevant assessments that go far beyond image-only interpretation — offering diagnostic support that truly reflects the way veterinarians practice medicine.

## MULTI DEVICE SUPPORT
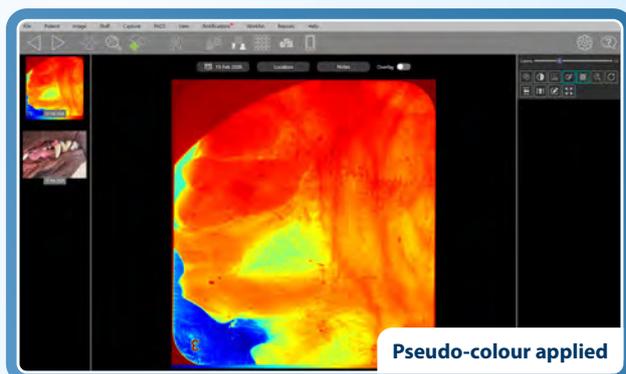
### Universal Dental Imaging Compatibility

Connect virtually any CR or DR dental sensor or reader using a standard TWAIN driver. Use existing sensors alongside new iM3 imaging products in a single system — enabling larger-format sensors to reduce image count, radiation exposure, and capture time without replacing legacy hardware.



## MARGINAL IMAGES TO CONFIDENT DIAGNOSIS

### Veterinary-Specific Diagnostic Toolset

Advanced veterinary imaging tools enhance diagnostic detail even from suboptimal images. Clarity analysis detects changes at just a 2% contrast difference, while smart filters and pseudo-colour visualisation reveal bone loss and periodontal detail — reducing retakes and turning poor-quality images into diagnostic ones.



Suboptimal image - no Clarity applied



Suboptimal image - Clarity applied



Clarity optimisation applied



Pseudo-colour applied

DENTAL X-RAY

## Intuitive Full-Mouth & Free-Form Layouts

Create clear, complete diagnostic image sets using intuitive full-mouth and free-form layouts for multiple species. Images auto-place correctly, with simple drag-and-drop editing. Combine radiographs and photographs to present a coherent, easy-to-understand diagnostic story.
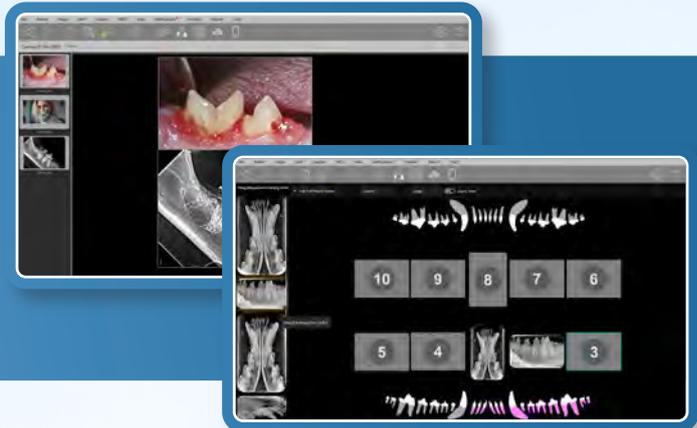
## Best-Practice Discharge & Remote Monitoring

Create customisable discharge letters aligned with AAHA guidelines, including plain-English explanations, before-and-after images, and Clarity-assisted content. Built-in remote wound monitoring allows owners to submit images post-treatment, reducing unnecessary rechecks while maintaining clinical oversight.

## Clarity Optimisation Pathology Recognition (70+ Conditions)

Clarity identifies over 70 dental and oral pathologies using photographic and radiographic data. Trained on peer-reviewed cases from board-certified veterinary dentists, it highlights anomalies in under 0.5 seconds — supporting, not replacing, clinical diagnosis and accelerating confident decision-making.
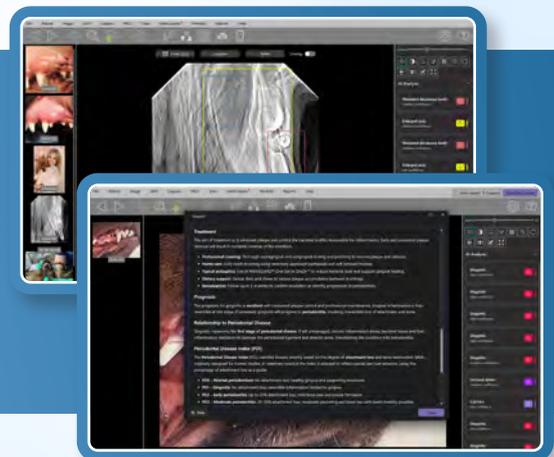
## Clarity Question Lab (Clinical Learning & Guidance)

The Clarity question lab answers procedural and clinical questions using WSAVA dental guidelines and peer-reviewed material from board-certified veterinary dental specialists. Instant step-by-step explanations support clinical learning and consistency — turning everyday cases into guided, best-practice teaching moments.
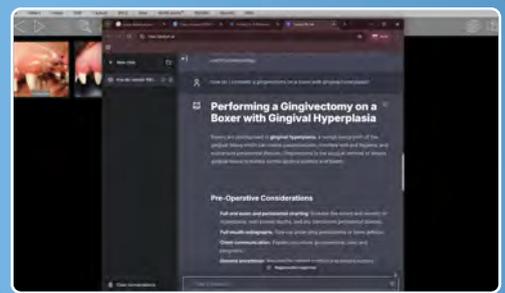
**Clarity XR is tailored for your clinic needs. Contact iM3® for pricing at sales@im3dental.com.**

DENTAL X-RAY

STAGING

*For a better understanding of how staging works, watch our video!*



## iM3 - Dental Staging:
## A Strategy to Double Your Dental

https://www.thewebinarvet.com/webinar/
im3-dental-staging-a-strategy-to-double-your-dental

## How does staging work?

1. The veterinarian reviews the radiographs, creates a graphical record, and evaluates the overall oral health of the animal.
2. The veterinarian explains to the owner the benefits of staging the procedures and schedules the necessary appointments.
3. The veterinarian assesses what can be done within the available two-hour window for immediate treatment.
4. If additional treatments are required, they can be carried out in stage 2 or, if necessary, in stage 3.

## Why incorporate staging in your practice?

- It reduces the stress on the owner and the veterinary clinic.
- It increases treatment acceptance rates.
- It maximises the number of dental problems detected.
- It increases practice revenue.

## Are there risks to the animals' health from anaesthesia?

Studies show that the risk to the animal's health increases when anaesthesia exceeds two hours.

Therefore, by staging procedures into separate two-hour sessions, anaesthetic exposure is limited to one session at a time, significantly lowering the risk.
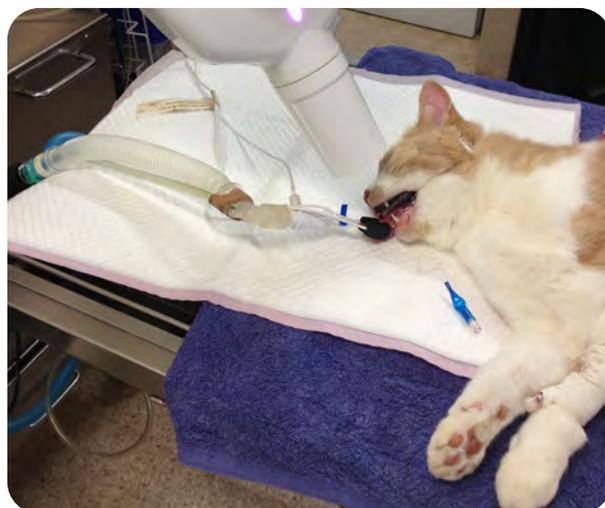


### Vet X-Ray Dental Staging

With X-Ray Dental Staging, after the initial examination of the patient, the veterinarian discusses with the owner which procedures are required and the associated costs. The veterinarian then agrees with the owner to spread the procedures over a number of staged appointments.

This benefits the veterinary practice by allowing time to be allocated appropriately, thereby maximising scheduling efficiency. As the sessions are scheduled for only 2 hours, the animal has significantly reduced risk to their health from being under anesthesia, as studies show.

For the owner staging the procedures, eases the financial burden, as the cost is spread out over the specific time frame.

DENTAL X-RAY

"

*I have used a number of DR systems in the past, both in veterinary and human practice (Schick, Sirona, Kodak and Genoray), but I would have to say that the results and image quality that I am getting with the iM3 CR 7 Vet is the best so far.*

*The advantages of the CR 7 Vet over other DR systems when used in the veterinary environment include a unique range of plate sizes from size 0 up to size 5, which covers all pets from small to large. There is even an intra-oral plate for rabbits.*
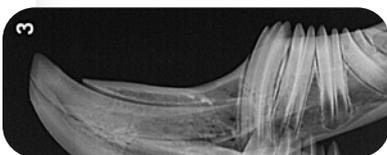
**Dr. Anthony Caiafa**
BVSc BDSc MACVSc
(SA Surgery and Veterinary Dentistry)
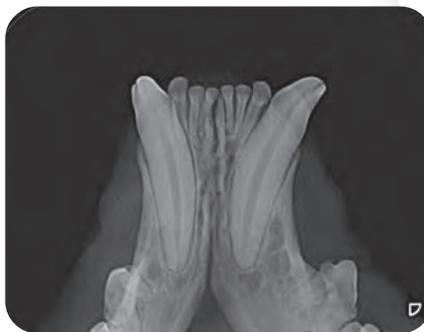
### iM3 Size 5 Overview

Full mouth overview in a large dog in only 6 images using a size 5 CR image plate. Only available for iM3 CR 7$_{2.0}$ and CR 8 Vet Scanners.
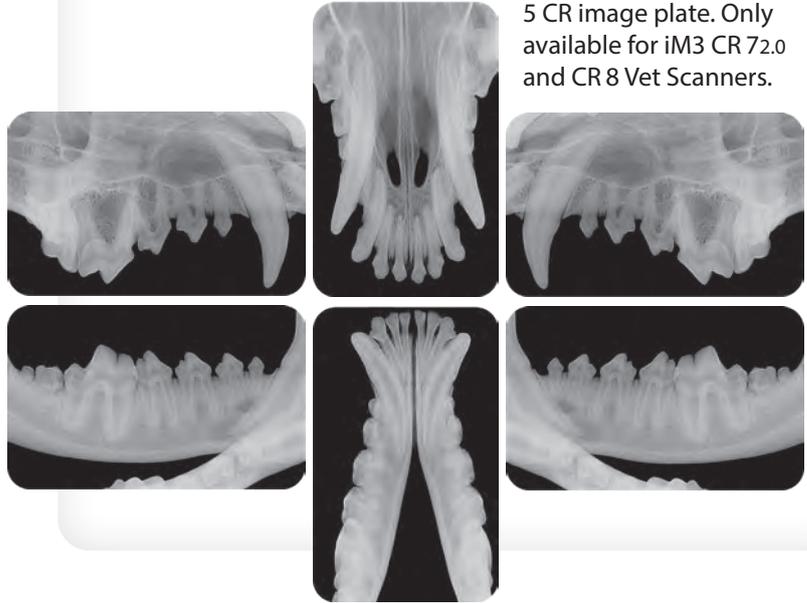


**Size 5**
*Canine phalanges*

**Size R3**
*Rabbit molars*

**Size 2**
*Feline lower incisors and canines*

**Size 0**
*Lower mandible of small breed dog*

"

*The iM3 CR Scanner is my primary radiographic system in our veterinary dental referral clinic. I find this CR system very useful and I think that the quality of the pictures is outstanding.*

*I've used the new size 5 film for some time now. It's a valuable addition to the wide range of plate sizes.*

*When obtaining full mouth radiographic sets in dogs, the size 5 film gives a quick and detailed overview. It's easy to place and you still have all the fine details. Often almost a whole quadrant can be obtained in one film (canine, premolars and molars). Therefore obtaining dental radiographs in dogs is quicker and easier with the size 5 film, saving important intraoperative time.*

**Jens Ruhnau**
DVM, Specialdyrlæge, Dipl. EVDC.

DENTAL X-RAY

# VETERINARY DCT UNIT

## MOBILE 3D X-RAY SYSTEM



**Advanced Software**

UPGRADE AVAILABLE

Cat. Code
**DCT100**

**DENTAL X-RAY**

**HIGH RESOLUTION**     **FAST SCANNING**     **3D VIRTUAL PANORAMIC**     **SELF-CONTAINED UNIT**

**At iM3, we are committed to delivering the very best for our customers, and our DCT veterinary dental unit is no exception. iM3's DCT unit has been designed and engineered, both in terms of its hardware and software, to provide all the features veterinary practices have been hoping for. We considered the costs, needs, and limitations that had previously hindered our customers, when producing this innovative DCT all-in-one unit.**

This all-in-one unit, with its mounted touch-screen means scanning, viewing and diagnosis is contained within the same system. Scan time is approximately 27 seconds, and reconstruction takes an average of 1.5 minutes. The DCT is also able to produce 0.1 mm slice thickness, placing it on par with high-end CT systems and superior to most CBCT systems. With the smaller width, the DCT can fit through a standard door, uses a household plug and can be used in a standard-sized X-Ray room.*

You can customise both your table and screen, with various table sizes available to accommodate exotic animals or additional table extensions. The monitor can be ordered as a wall-mounted unit and can be upgraded to a DICOM monitor if used externally.  Head restraints can also be removed. Feel free to discuss your needs with us.

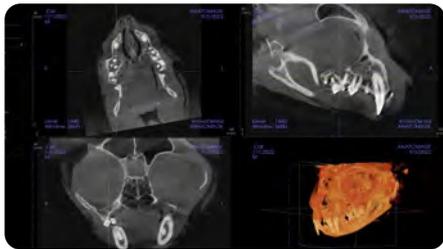* Dependent on governing regulations within the country of origin.
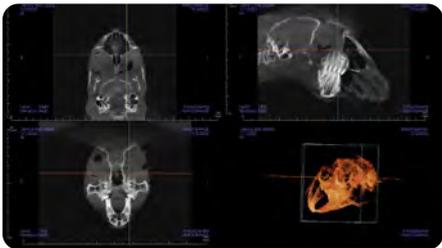
# Affordable True 3D Imaging



3D Panoramic – Cat head
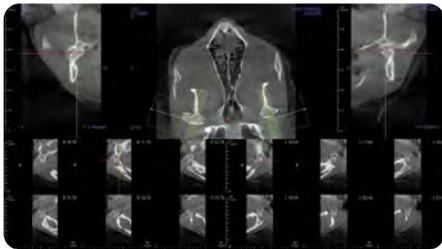
TMJ – Cat head

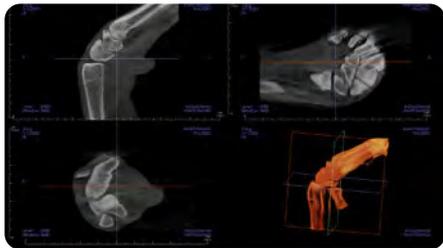Section – Cat head

Section – Rabbit head

3D Scan – Guinea-pig hip

Section – Dog knee

**DENTAL X-RAY**

**Cat. Code DCT100**

# VETERINARY DCT UNIT

## MOBILE 3D X-RAY SYSTEM

## A quick guide to the benefits of the DCT software:

There are two versions of the software: the **standard version** (free) and the **Advanced Invivo 6 software**, which is offered as an upgrade when you purchase your new iM3 DCT unit.

The **Advanced Invivo 6** software can:

- Create a 3D volume render,
- Visualise cross-sections
- Investigate trace nerves
- Create TMJ workups
- Print and save images

- Create versatile layouts for placement and assessment of implants
- Analyse sinus and airways
- Create traditional panoramic and cephalometric images from volumetric reconstructions

- Share cases with colleagues and pet owners using Anatomage Cloud medical image sharing platform.*
- ...And much more! Training will also be provided.

### 3D Section
3D section view, using *slice explorer*, allows you to click anywhere on the 3D model and activate a 2D view to scroll through different sections. It is easy to use for both beginners and experienced users.

### 3D Panoramic
The 3D panoramic replaces the need for a full mouth overview traditionally taken with 2D X-Ray. By providing a full 3D model of the skull, the software enables you to quickly identify root numbers, exposed furcations, resorbed roots, ankylosis and other pathology you may wish to examine further. It also provides an excellent visual aid when explaining dentition, pathology and treatments to your pet owners.

### Arch Splines (Arch)
Build separate maxillary and mandibular arch splines, enabling the cross-sections to be viewed more effectively.

### Stitching
In order to stitch the volumes together we use a landmark base registration, then a volume registration. The software will automatically look at the voxel value (3D pixel) and match up the scans so they align. You can toggle through to check the accuracy of the imposition.

### 2D Section
View orthogonal planes, create custom sections for 2D visualisation, and make distance measurement within the Cone Beam Computed Tomography (CBCT) volume or within the airway.

### Implant Planning (Implant)
Improve your accuracy and visualise your treatment plan objective in 3D with the extensive implant library, to achieve parallel implant designs, volumetric sinus measurements, and intraoral scan registration. Create custom 3D videos to share with colleagues when discussing the ideal treatment plan.

### Endodontic Visualisation (Endo)
Examine both internal and external tooth structures. Accurate working length measurements can be performed, calculate root and endodontic fouling in either 2D or 3D view. Create and export sliced data, summary data, 3D airway model or graphs.

### Improved Airway
Visualise and accurately measure the properties of a patient's airway with additional tools for data export and presentations. Ideal for brachycephalic dog breeds when discussing airway issues with pet owners.

### Superimposition
Superimpose a planning implant case with a post-op implant case to determine the accuracy of the implant placement.

### Temporomandibular Joints (TMJ)
Customise your preferred layout to visualise multiple cross-sectional slices, quickly create 2D and 3D workups, and automatically segment the condyle and fossa in 3D. Superimpose two scans to analyze existing asymmetries and accurately measure TMJ treatment changes over time.

### Model
Using a single CBCT scan and a simple digital photograph, create impressionless study models that represent the true patient anatomy. The model can also be 3D printed.

### Gallery
Capture desired images from workups to store in the gallery, then export your images to share with colleagues.

### Panoramic imaging (Pano)
Construct and view an enhanced version of a panoramic radiograph, take measurements and utilise a range of image enhancement features.

\* The Anatomage Cloud service may incur additional costs for certain uses, as these costs are not included in the price of our DCT unit.

DENTAL X-RAY
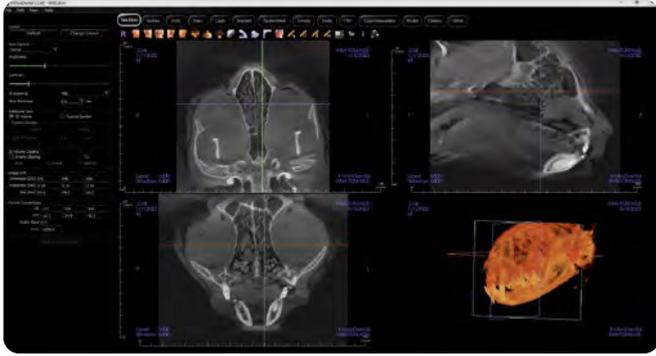
**Cat sinus section (MPR)**
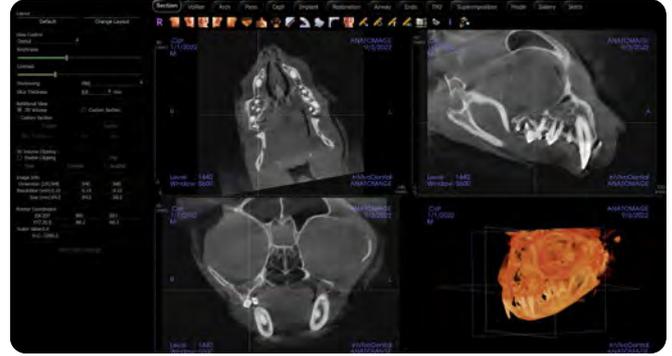


**Cat tooth section (MPR)**



**Rabbit tendons section (MPR)**
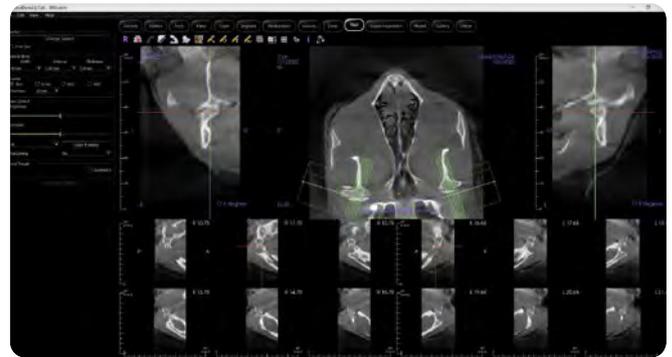


**TMJ – Cat (multiple cross-sectional slices)**



**Stitch tab (MPR)**
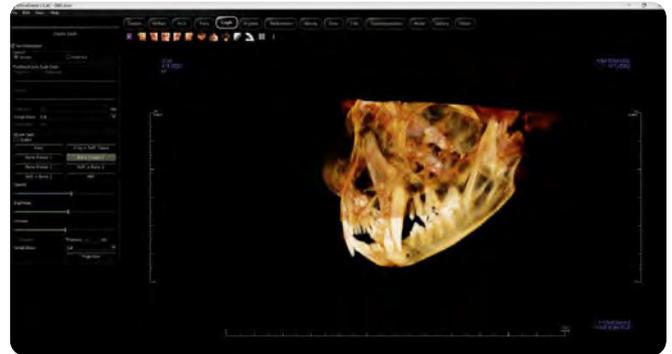


**3D panoramic**



**Cat joints section**



**Guinea pig 3D volume render**

Should you like to view the above images as DICOM files, please contact our sales team at **sales@im3dental.com**, who will be happy to help.

**DENTAL X-RAY**

Cat. Code
**DCT100**

# VETERINARY DCT UNIT

## MOBILE 3D X-RAY SYSTEM

### DIAGNOSTIC EQUIPMENT

Touchscreen PC can be customised for your requirements

### ERGONOMIC TABLE

Comfortable workflow with a choice of three sizes - small (for exotic animals), standard, or extension

### CMOS SENSOR

3D imaging with high soft-tissue detail

### PATIENT BED

No intraoral sensor required; simply clean the bed after use

### POSITIONING LASER LIGHT

Guides you to the correct patient position

**2** YEAR WARRANTY

*No maintenance fees; a standard annual service is sufficient.*

### UNIT SIZE

Shorter in length and width than a standard unit, so it's able to fit into a smaller area

### MOBILE 3D X-RAY SYSTEM

Easy and quick to position

* Dependent on governing regulations within the country of origin.

**DENTAL X-RAY**

**1083 mm**

**1626 mm**

## Features & Benefits

- True 3D imaging for dentistry, extremities and exotics.

- The unit provides a scan and stitch feature for increased volume.

- High resolution - 0.1 mm slice thickness.

- CMOS provides a high level of visible soft-tissue detail not typically achieved with CBCT systems.

- Scan time is approximately 27 seconds, while reconstruction time averages 1.5 minutes.

**00:00:27**

**27 seconds**
Full mouth scan

**1.5 minutes**
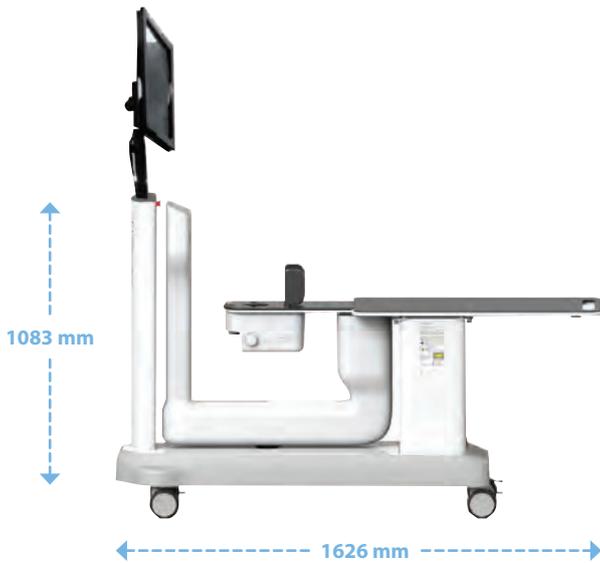Reconstruction

### SPECIFICATIONS

| DETECTOR TYPE | A/D | CT FOV | OPERATING TIME | | WEIGHT | HEIGHT | DURING OPERATION |
|---|---|---|---|---|---|---|---|
| CMOS photodiode | 14 bit | Pre-stitch: 82 x 67 mm | Scan: 27.04 sec | Exposure: 21.24 sec | 140 kg (308.6 lbs) | 1083 mm (42.6") | 1625.8 mm (L) x 975 mm (W) x 1083 mm (H) 64.1" (L) x 38.4" (W) x 42.6" (H) |

### Bed length available in:

- Short bed: 96 cm
- Standard bed: 126 cm
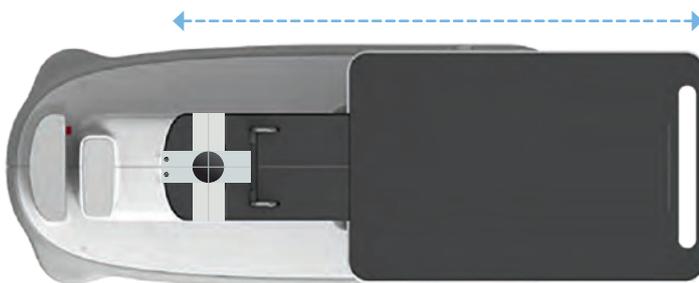
The DCT unit is a game-changer for small and large practices, so here at iM3 we would like to draw your attention to the **Advanced Software** which is available as an upgrade, to make an already great product even better. Contact iM3 or your local distributor for more details.

### Suitable for Veterinary Practices that:

- Are involved in dental, exotic, and/or extremity work.

- Do not have the space or budget to purchase a large full body CT scanner.

- Want to limit the scan to the mouth of their patient rather than the whole head to reduce dose.

- Have a need for a second CT for dentistry, exotics, emergency, and extremity work, as the Toll CT is too busy.

- Specialists who require high-resolution results.

- Want to offer dentistry, extremity, exotic work, and are interested in the capabilities of true 3D imaging over virtual 3D imaging.

Do you need help or have a question? Feel free to contact our sales team at **sales@im3dental.com**, who will be happy to help.

**DENTAL X-RAY**

# 10 | ADVANCED DENTISTRY

**Endodontic & Restoration Instruments**

**Endodontic Files & Reamers**

**Rotary Endodontic Motors**

**Composites**

**Curing Lights**

**Orthodontics**

**Lasers**

**Piezo Surgery Units**

**Endodontic and Restoration Hand Instruments**

Explore the new range of endodontic and restoration instruments from iM3 made from quality stainless steel.

Our colour-coded silicone bands provide an ergonomic grip while also denoting size and helping identify the different working ends.

iM3 hand instruments are developed with the guidance of veterinary dental specialists and are backed by a lifetime warranty.

## iM3 Holmstrom Plugger and Spreader Instruments

Spreaders are round, smooth tapered instruments with a point. Used for laterally condensing filling materials by spreading them against the canal wall. Pluggers are flat ended with smooth, round tapered sides. Used to condense filling materials apically within the canal.

Cat. Code

### Holmstrom Plugger and Spreader No. 20    EHPS20
- Spreader working length – 24 mm
- Plugger working length – 23 mm

### Holmstrom Plugger and Spreader No. 35    EHPS35
- Spreader working length – 25 mm
- Plugger working length – 24 mm
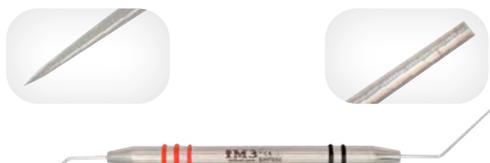
### Holmstrom Plugger and Spreader No. 50    EHPS50
- Spreader working length – 45 mm
- Plugger working length – 44 mm

### Holmstrom Plugger and Spreader No. 65    EHPS65
- Spreader working length – 44 mm
- Plugger working length – 43 mm

### Holmstrom Plugger and Spreader No. 90    EHPS90
- Spreader working length – 44 mm
- Plugger working length – 43 mm

ADVANCED DENTISTRY

## iM3 Spoon Excavators

English pattern double-ended spoon excavators are used to clean the walls of the pulp chamber. They can also be used to remove excess materials placed into a cavity preparation.

Cat. Code

### Spoon Excavator 125/126
EX1256
- Diameter – 2.5 mm
- Terminal shank length – 8 mm

### Spoon Excavator 127/128
EX1278
- Diameter – 2.0 mm
- Terminal shank length – 8 mm
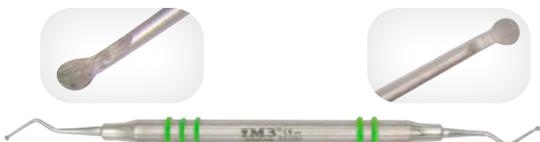
### Spoon Excavator 129/130
EX1290
- Diameter – 1.7 mm
- Terminal shank length – 8 mm

### Spoon Excavator 131/132
EX1312
- Diameter – 1.4 mm
- Terminal shank length – 8 mm

### College Tweezer
ECT001

Used to handle sterile obturation materials such as gutta-percha and paper points. The handle locks to prevent accidental dropping or slipping of the material.

### College Tweezer with Lock
ECT002

### Heidemann Mini Spatula
EHP004

Used for composite placement and contouring with one flat end and one ball-shaped end, as requested by dental specialists. Coated tips for easy cleaning.

### Coated Cement Spatula
ECP005

For mixing composite materials. Coated tips for easy cleaning.

ADVANCED DENTISTRY

## iM3 Amalgam Carriers

A double-ended amalgam carrier used to collect, transport and dispense amalgam or mineral trioxide aggregate (MTA) into prepared cavities. Coated for easy cleaning.

Cat. Code

### Double-Ended Amalgam Carrier – Mini & Regular        EAC001

- Mini carrier – 1.5 mm
- Regular carrier – 2.0 mm

### Double-Ended Amalgam Carrier – Regular & Large        EAC002

- Regular carrier – 2.0 mm
- Large carrier – 2.8 mm

### Double-Ended Amalgam Carrier – Large & Jumbo        EAC003

- Large carrier – 2.8 mm
- Jumbo carrier – 3.2 mm

## iM3 Plastic Filling Instruments

Used in the application of restorative materials. Coated tips for easy cleaning.

### Plastic Filling Instrument 1T        EPF001

Double-ended plastic filling instrument 1T – small beaver tail.

### Plastic Filling Instrument 2T        EPF002

Double-ended plastic filling instrument 2T – small and large size barrel-shape ends.

### Plastic Filling Instrument 3T        EPF003

Double-ended plastic filling instrument 3T – large beaver tail.

### Plastic Filling Instrument 4T        EPF004

Double-ended plastic filling instrument 4T – small and large size ball-shape ends.

**ADVANCED DENTISTRY**

### iM3 Complete Endodontic and Restoration

**ENDSTA2**

Instrument kit – 19 pieces.

**Contains:**

- Spoon excavator 125 – 132
- Holmstrom plugger and spreader 20, 35, 50, 65, 90
- College tweezer
- Plastic filling instrument 1T – 4T
- Amalgam carrier: Mini, Regular, and X-Large
- Heidemann mini spatula with coated tips
- Cement spatula
- iM3 stainless steel instrument tray

## iM3 Finger Pluggers and Spreaders



### Finger Plugger (Steel) – Set of Six

**PLU1540**

Pluggers are used to *vertically* condense gutta-percha during root canal procedures.

- ISO 0.15 to 0.40 – 25 mm length

One of each size supplied in this six-piece set.



### Finger Spreader (Steel) – Set of Six

**SP1540**

Spreaders are used to *laterally* spread gutta-percha during root canal procedures.

- ISO 0.15 to 0.40 – 25 mm length

One of each size supplied in this six-piece set.



### Rubber Dam Punch

**RDP001**

Ainsworth rubber dam punch.

- For punching precise holes into rubber dams
- Five sizes accessible via a simple rotating mechanism

**ADVANCED DENTISTRY**

# iM3 Control Cut Endodontic Range

**iM3 Control Cut brings a universal approach to veterinary endodontics.**

We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So whether you use a manual, rotary, or hybrid approach to your endo procedures, the iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.

## iM3 Control Cut Endodontic Files and Points

Identical flute length and taper - 0.02

| H-File | K-Reamer | Rotary File | Paper Point | Gutta-Percha |
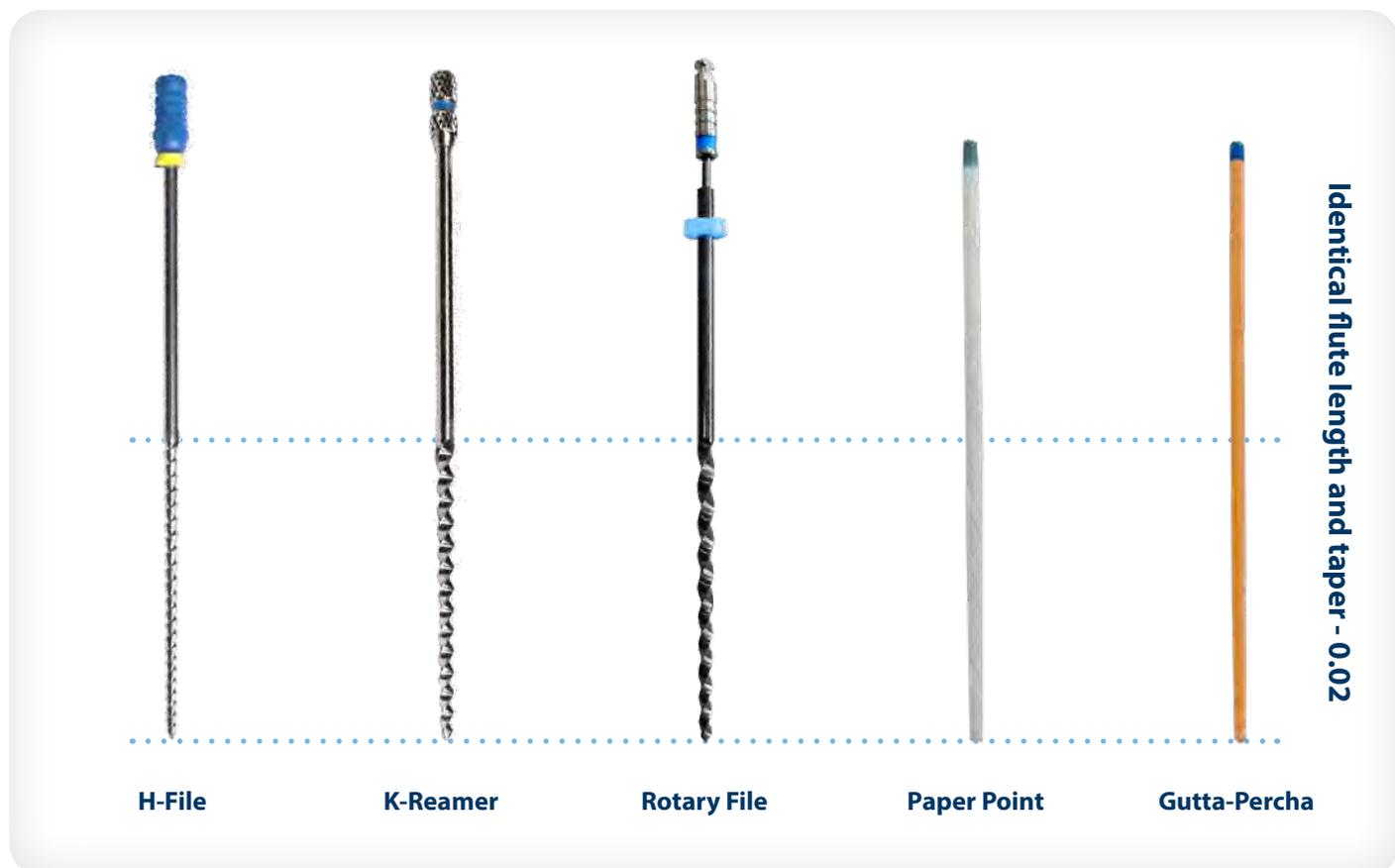
The taper on all iM3 Control Cut manual files and rotary files is 0.02. All files feature identical flute lengths (16 mm flutes on 31 mm files and 30 mm flutes on 60 mm files and above). iM3 Control Cut Gutta-Percha (GP) and Paper Points (PP) will always match perfectly with their corresponding manual and rotary files. There is no need to stock multiple tapers of GP or PP, reducing costs, saving space and making it as simple as possible.

With iM3 Control Cut, it's possible to move from a manual approach to rotary and back again, while still maintaining a consistent canal shape. Thanks to the nickel-titanium (Ni-Ti) material used in our rotary files and our Ni-Ti option for manual files, you can even adopt a hybrid approach when working in curved canals.

iM3 Control Cut was designed for veterinary use with the guidance of some of the top veterinary dentists in the world.

> *The iM3 Control Cut Rotary Endo is amazing. A previous endo in the canine of a 13-year-old Husky did not satisfy my standards, so I decided to re-do the root canal. As the canals of elderly teeth are narrow and hard to shape by hand, this time I used the iM3 Endo Rotary to see the difference. Well, I was amazed by the results as seen in the attached X-Rays.*
>
> *You cannot achieve good performance in veterinary dentistry without quality equipment and knowledge. iM3 provides all the equipment needed for acquiring excellence in veterinary dentistry. If you want to achieve proficiency in veterinary dentistry, you should start from the very beginning with iM3. Love you guys!*
>
> **Dr. Raluca Ioana Nedelea**
> DMD

**ADVANCED DENTISTRY**

**H-Files**



**K-Reamers**



**Rotary Files**



**Lentulo Spirals**



**Gutta-Percha Points**



**Paper Points**



**Barbed Broaches**



**Gates-Glidden**



**Microbrushes**



**File Holders**



**Condensers**



**Pathfinder Files**

ADVANCED DENTISTRY

# iM3 Control Cut Manual Files

### K-Reamers

Used with a clockwise turning motion. K-Reamers are designed to follow the canal and minimise ledging. K-Reamers have fewer turns on the active part than K-Files.

### H-Files

H-Files, or Hedstrom Files, are used in an up-and-down filing motion to file and shape the root canal. Some specialists prefer H-Files on straight canals. H-Files are very efficient at removing dentine on the out-stroke, but they have poor fracture resistance when rotated.

### Steel Files

H-Files and K-Reamers that are made from steel have high durability and reliability. While they have an element of flexibility, they are less flexible than Ni-Ti files.

### Ni-Ti Files

H-Files and K-Reamers made from nickel-titanium (Ni-Ti) give them increased strength and significantly greater flexibility compared with steel.

## ISO Sizes and Lengths

H-Files and K-Reamers from iM3 are available in four different lengths, meaning we have files suitable for all sizes of animals from feline to equine and even large zoo animals. The lengths listed refer to the overall file length. The standard working length is 30 mm, except for 31 mm files, which have a working length of 16 mm.

H-Files and K-Reamers are produced in colour-coded ISO sizes from **0.15** to **1.4** as follows:

| | | | | | |
|---|---|---|---|---|---|
| 0.15 | 0.20 | 0.25 | 0.30 | 0.35 | 0.40 |
| 0.45 | 0.50 | 0.55 | 0.60 | 0.70 | 0.80 |
| 0.90 | 1.0 | 1.1 | 1.2 | 1.3 | 1.4 |

Gutta-Percha Points and Paper Points share the same ISO *Size Colour* coding.

Files and Reamers are intended to be single-use and the cost factored into each procedure.

**31 mm**    **60 mm**    **80 mm**    **120 mm**

16 mm

30 mm

30 mm

30 mm
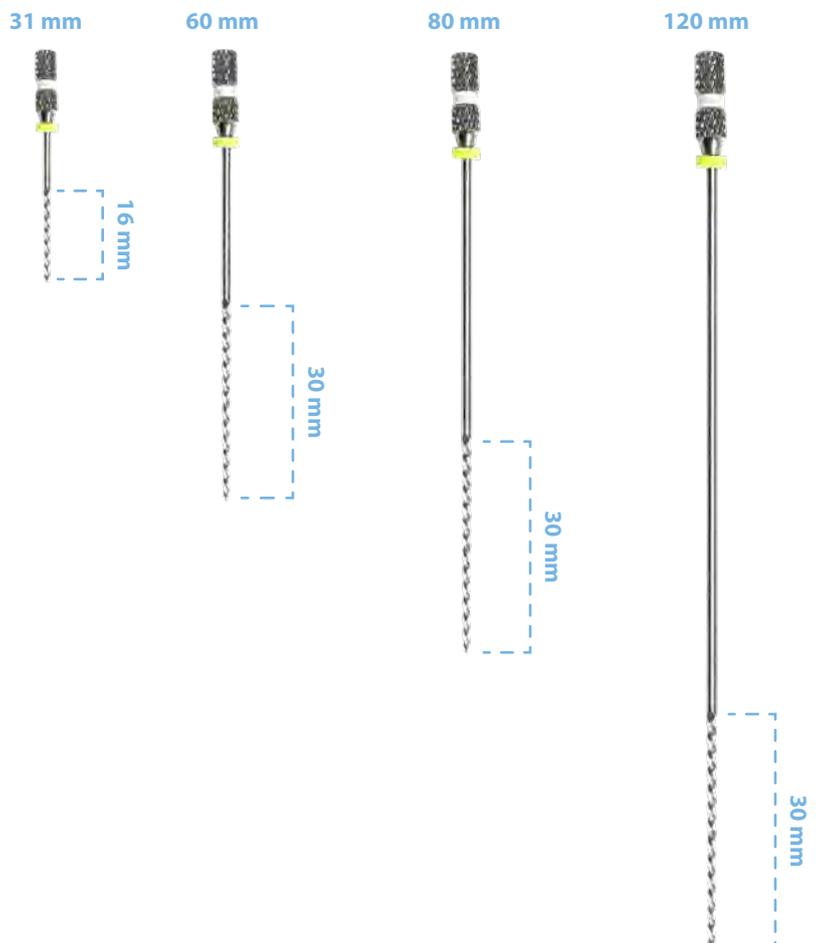
In this table you can find the ordering codes for all the different H-Files and K-Reamers in our range. These are sold in packs of either four or six pieces and the quantity is denoted by the last number of the ordering code.

On the following pages you can find our files available to order as sets. Whether you are starting out, or you are replenishing your file sets, we've got you covered.

| | ISO | 31 mm | 60 mm | 80 mm | 120 mm | 31 mm | 60 mm | 80 mm |
|---|---|---|---|---|---|---|---|---|
| | | Steel | | | | Ni-Ti | | |
| **H-Files** | 0.15 | HSS31156 | HSS60154 | HSS80154 | HSS12154 | HHN31156 | HHN60154 | HHN80156 |
| | 0.20 | HSS31206 | HSS60204 | HSS80204 | HSS12204 | HHN31206 | HHN60204 | HHN80206 |
| | 0.25 | HSS31256 | HSS60256 | HSS80254 | HSS12254 | HHN31256 | HHN60254 | HHN80256 |
| | 0.30 | HSS31306 | HSS60306 | HSS80304 | HSS12304 | HHN31306 | HHN60304 | HHN80306 |
| | 0.35 | HSS31356 | HSS60356 | HSS80354 | HSS12354 | HHN31356 | HHN60354 | HHN80356 |
| | 0.40 | HSS31406 | HSS60406 | HSS80404 | HSS12404 | HHN31406 | HHN60404 | HHN80406 |
| | 0.45 | HSS31456 | HSS60456 | HSS80454 | HSS12454 | HHN31456 | HHN60454 | HHN80456 |
| | 0.50 | HSS31506 | HSS60506 | HSS80504 | HSS12504 | HHN31506 | HHN60504 | HHN80506 |
| | 0.55 | HSS31556 | HSS60556 | HSS80554 | HSS12554 | HHN31556 | HHN60554 | HHN80556 |
| | 0.60 | HSS31606 | HSS60606 | HSS80604 | HSS12604 | HHN31606 | HHN60604 | HHN80606 |
| | 0.70 | HSS31706 | HSS60706 | HSS80704 | HSS12704 | HHN31706 | HHN60704 | HHN80706 |
| | 0.80 | HSS31806 | HSS60806 | HSS80804 | HSS12804 | HHN31806 | HHN60804 | HHN80806 |
| | 0.90 | HSS31906 | HSS60906 | HSS80906 | HSS12906 | HHN31906 | HHN60906 | HHN80906 |
| | 1.0 | HSS3116 | HSS60106 | HSS8016 | HSS1216 | HHN3116 | HHN6016 | HHN8016 |
| | 1.1 | HSS31116 | HSS60116 | HSS80116 | HSS12116 | HHN31116 | HHN60116 | HHN80116 |
| | 1.2 | HSS31126 | HSS60126 | HSS80126 | HSS12126 | HHN31126 | HHN60126 | HHN80126 |
| | 1.3 | HSS31136 | HSS60136 | HSS80136 | HSS12136 | HHN31136 | HHN60136 | HHN80136 |
| | 1.4 | HSS31146 | HSS60146 | HSS80146 | HSS12146 | HHN31146 | HHN60146 | HHN80146 |
| **K-Reamers** | 0.15 | KRS31156 | KRS60154 | KRS80154 | KRS12154 | KRN31156 | KRN60154 | KRN80156 |
| | 0.20 | KRS31206 | KRS60204 | KRS80204 | KRS12204 | KRN31206 | KRN60204 | KRN80206 |
| | 0.25 | KRS31256 | KRS60256 | KRS80254 | KRS12254 | KRN31256 | KRN60254 | KRN80256 |
| | 0.30 | KRS31306 | KRS60306 | KRS80304 | KRS12304 | KRN31306 | KRN60304 | KRN80306 |
| | 0.35 | KRS31356 | KRS60356 | KRS80354 | KRS12354 | KRN31356 | KRN60354 | KRN80356 |
| | 0.40 | KRS31406 | KRS60406 | KRS80404 | KRS12404 | KRN31406 | KRN60404 | KRN80406 |
| | 0.45 | KRS31456 | KRS60456 | KRS80454 | KRS12454 | KRN31456 | KRN60454 | KRN80456 |
| | 0.50 | KRS31506 | KRS60506 | KRS80504 | KRS12504 | KRN31506 | KRN60504 | KRN80506 |
| | 0.55 | KRS31556 | KRS60556 | KRS80554 | KRS12554 | KRN31556 | KRN60554 | KRN80556 |
| | 0.60 | KRS31606 | KRS60606 | KRS80604 | KRS12604 | KRN31606 | KRN60604 | KRN80606 |
| | 0.70 | KRS31706 | KRS60706 | KRS80704 | KRS12704 | KRN31706 | KRN60704 | KRN80706 |
| | 0.80 | KRS31806 | KRS60806 | KRS80804 | KRS12804 | KRN31806 | KRN60804 | KRN80806 |
| | 0.90 | KRS31906 | KRS60906 | KRS80906 | KRS12906 | KRN31906 | KRN60906 | KRN80906 |
| | 1.0 | KRS3116 | KRS60916 | KRS8016 | KRS1216 | KRN3116 | KRN6016 | KRN8016 |
| | 1.1 | KRS31116 | KRS609116 | KRS80116 | KRS12116 | KRN31116 | KRN60116 | KRN80116 |
| | 1.2 | KRS31126 | KRS609126 | KRS80126 | KRS12126 | KRN31126 | KRN60126 | KRN80126 |
| | 1.3 | KRS31136 | KRS609136 | KRS80136 | KRS12136 | KRN31136 | KRN60136 | KRN80136 |
| | 1.4 | KRS31146 | KRS609146 | KRS80146 | KRS12146 | KRN31146 | KRN60146 | KRN80146 |

ADVANCED DENTISTRY

# iM3 Control Cut **H-File Sets**

### H-File 31 mm 0.15–0.40 Assorted Set

31 mm overall length – 16 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35 and 0.40
- One of each size supplied in this six-piece set

**H-File 31 mm 0.15–0.40 Assorted Set – Steel**    HSS31SET30

**H-File 31 mm 0.15–0.40 Assorted Set – Ni-Ti**    HHN31SET22

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### H-File 31 mm 0.45–0.80 Assorted Set

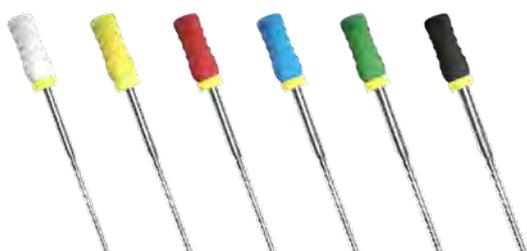31 mm overall length – 16 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70 and 0.80
- One of each size supplied in this six-piece set

**H-File 31 mm 0.45–0.80 Assorted Set – Steel**    HSS31SET27

**H-File 31 mm 0.45–0.80 Assorted Set – Ni-Ti**    HHN31SET23

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### H-File 31 mm 0.90–1.4 Assorted Set

31 mm overall length – 16 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**H-File 31 mm 0.90–1.4 Assorted Set – Steel**    HSS31SET2

**H-File 31 mm 0.90–1.4 Assorted Set – Ni-Ti**    HHN31SET24

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### Equine H-File (Ni-Ti) 40 mm 0.30–0.90 Assorted Set (10-pack)

HSS40SET1

Made from nickel-titanium for increased strength and enhanced flexibility when working in curved root canals.

40 mm overall length – 16 mm working length.

- ISO Sizes 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80 and 0.90
- Taper 0.02
- One of each in an assorted pack of 10

H-Files, or Hedstrom files, are used in a reciprocating movement to file and shape the root canal.

These special 40 mm H-Files are the preferred length by many equine dentists as they have increased length compared to 31 mm files but are still short enough to allow access at the back of the mouth.

Files and reamers are intended to be single-use and the cost factored into each procedure.

www.im3vet.eu

### H-File 60 mm 0.15–0.40 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35 and 0.40
- One of each size supplied in this six-piece set

**H-File 60 mm 0.15–0.40 Assorted Set – Steel**    HSS60SET26

**H-File 60 mm 0.15–0.40 Assorted Set – Ni-Ti**    HHN60SET7

### H-File 60 mm 0.45–0.80 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70, and 0.80
- One of each size supplied in this six-piece set

**H-File 60 mm 0.45–0.80 Assorted Set – Steel**    HSS60SET8

**H-File 60 mm 0.45–0.80 Assorted Set – Ni-Ti**    HHN60SET8

### H-File 60 mm 0.90–1.4 Assorted Set

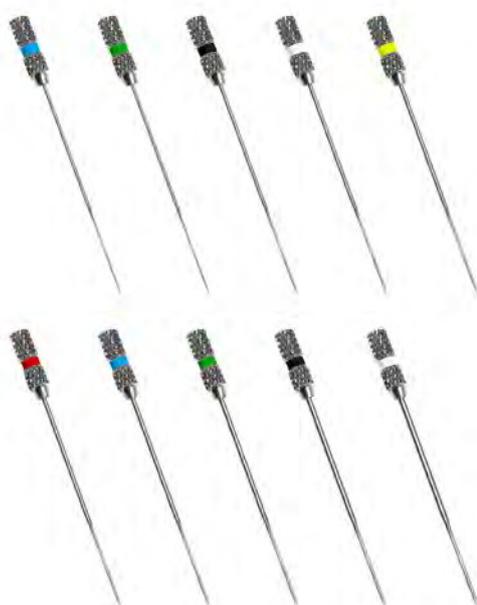60 mm overall length – 30 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**H-File 60 mm 0.90–1.4 Assorted Set – Steel**    HSS60SET20

**H-File 60 mm 0.90–1.4 Assorted Set – Ni-Ti**    HHN60SET9

ADVANCED DENTISTRY

## H-File 80 mm 0.15–0.40 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, and 0.40
- One of each size supplied in this six-piece set

**H-File 80 mm 0.15–0.40 Set – Steel**  HSS80SET4

**H-File 80 mm 0.15–0.40 Set – Ni-Ti**  HHN80SET19

## H-File 80 mm 0.45–0.80 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70, and 0.80
- One of each size supplied in this six-piece set

**H-File 80 mm 0.45–0.80 Set – Steel**  HSS80SET5

**H-File 80 mm 0.45–0.80 Set – Ni-Ti**  HHN80SET20

## H-File 80 mm 0.90–1.4 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**H-File 80 mm 0.90–1.4 Set – Steel**  HSS80SET6

**H-File 80 mm 0.90–1.4 Set – Ni-Ti**  HHN80SET21

## H-File Complete Starter Set

**Includes one of each of the following:**

- 31 mm overall length – 16 mm working length
  ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4

- 60 mm overall length – 30 mm working length
  ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4

- 80 mm overall length – 30 mm working length
  ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4

H-Files, or Hedstrom Files, are used in a reciprocating movement to file and shape the root canal.

Files and reamers are intended to be single-use and the cost factored into each procedure.

**H-File Complete Starter Set – Steel**  HSSSTA5

**H-File Complete Starter Set – Ni-Ti**  HRNSTA6

# iM3 Control Cut K-Reamer Sets
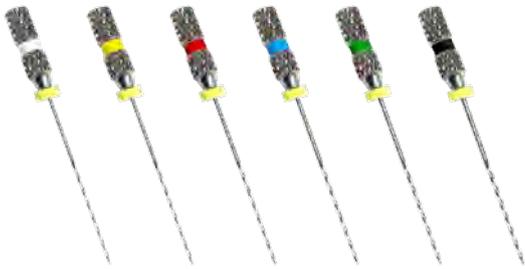
### K-Reamer 31 mm 0.15–0.40 Assorted Set

31 mm overall length – 16 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35 and 0.40
- One of each size supplied in this six-piece set

**K-Reamer 31 mm 0.15–0.40 Assorted Set – Steel**  —  KRS31SET30

**K-Reamer 31 mm 0.15–0.40 Assorted Set – Ni-Ti**  —  KRN31SET13

### K-Reamer 31 mm 0.45–0.80 Assorted Set

31 mm overall length – 16 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70 and 0.80
- One of each size supplied in this six-piece set

**K-Reamer 31 mm 0.45–0.80 Assorted Set – Steel**  —  KRS31SET27

**K-Reamer 31 mm 0.45–0.80 Assorted Set – Ni-Ti**  —  KRN31SET14

### K-Reamer 31 mm 0.90–1.4 Assorted Set
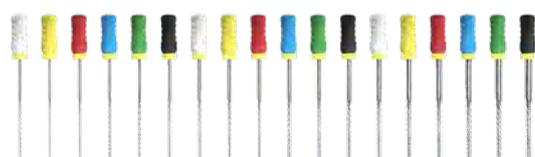
31 mm overall length – 16 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**K-Reamer 31 mm 0.90–1.4 Assorted Set – Steel**  —  KRS31SET2

**K-Reamer 31 mm 0.90–1.4 Assorted Set – Ni-Ti**  —  KRN31SET15

ADVANCED DENTISTRY

Cat. Code

### K-Reamer 60 mm 0.15–0.40 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35 and 0.40
- One of each size supplied in this six-piece set

**K-Reamer 60 mm 0.15–0.40 Assorted Set – Steel**   KRS60SET26

**K-Reamer 60 mm 0.15–0.40 Assorted Set – Ni-Ti**   KRN60SET7

### K-Reamer 60 mm 0.45–0.80 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70, and 0.80
- One of each size supplied in this six-piece set

**K-Reamer 60 mm 0.45–0.80 Assorted Set - Steel**   KRS60SET11

**K-Reamer 60 mm 0.45–0.80 Assorted Set – Ni-Ti**   KRN60SET8

### K-Reamer 60 mm 0.90–1.4 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**K-Reamer 60 mm 0.90–1.4 Assorted Set – Steel**   KRS60SET12

**K-Reamer 60 mm 0.90–1.4 Assorted Set – Ni-Ti**   KRN60SET9

ADVANCED DENTISTRY

Cat. Code

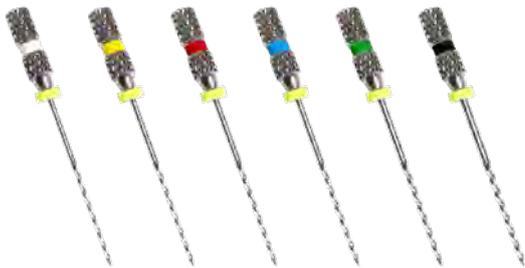### K-Reamer 80 mm 0.15–0.40 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, and 0.40
- One of each size supplied in this six-piece set

**K-Reamer 80 mm 0.15–0.40 Set – Steel**　　KRS80SET4

**K-Reamer 80 mm 0.15–0.40 Set – Ni-Ti**　　KRN80SET16

### K-Reamer 80 mm 0.45–0.80 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70, and 0.80
- One of each size supplied in this six-piece set

**K-Reamer 80 mm 0.45–0.80 Set – Steel**　　KRS80SET5

**K-Reamer 80 mm 0.45–0.80 Set – Ni-Ti**　　KRN80SET17

### K-Reamer 80 mm 0.90–1.4 Set

80 mm overall length – 30 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- One of each size supplied in this six-piece set

**K-Reamer 80 mm 0.90–1.4 Set – Steel**　　KRS80SET6

**K-Reamer 80 mm 0.90–1.4 Set – Ni-Ti**　　KRN80SET18
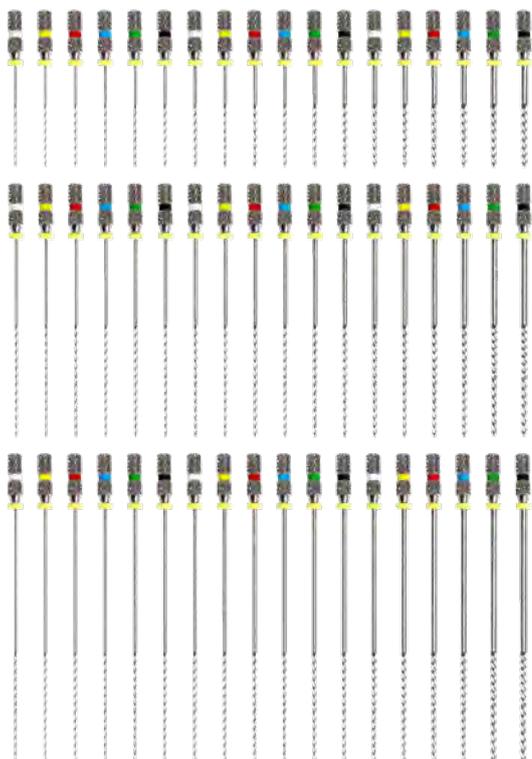
### K-Reamer Complete Starter Set

**Includes one of each of the following:**

- 31 mm overall length – 16 mm working length
  ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- 60 mm overall length – 30 mm working length
  ISO Sizes  0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- 80 mm overall length – 30 mm working length
  ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60, 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4

K-Reamers are used in a clockwise turning movement and have fewer turns on the active part than K-Files.

Files and reamers are intended to be single-use and the cost factored into each procedure.

**K-Reamer Complete Starter Set – Steel**　　KRSSTA3

**K-Reamer Complete Starter Set – Ni-Ti**　　KRNSTA4

**ADVANCED DENTISTRY**

# iM3 Control Cut Rotary Files

**Introducing the new veterinary-specific rotary endodontic system from iM3, featuring a low-breakage design and perfectly matched with our manual files to allow seamless flow between manual, rotary and hybrid approaches.**

A specifically constructed breakpoint means that if a file does break, it happens outside of the canal and it can easily be removed. You can have complete confidence working with iM3 Control Cut.

Each file has a specific threshold so that the stress required to break at the breakpoint is proportional to the file's ISO. The stronger the file, the stronger the breakpoint.

Flexible nickel-titanium (Ni-Ti) rotary files bend to the curvature of the canal reducing the need to create a secondary access.

Available in 31 mm and 60 mm lengths and perfectly designed for small animal dentistry, they provide the same tactile feel as our Ni-Ti manual files.

The iM3 Control Cut product range features a consistent taper of 0.02 across our entire endo range including hand files, rotary files, gutta-percha and paper points.

So, whether you use a manual, rotary, or hybrid approach to your endodontic procedures, the iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.

Rather than the common 30° cutting tip, iM3 Control Cut Rotary Files have a wider, 85° angled non-cutting tip that does not risk cutting through the tooth apex when shaping near the base of the canal. iM3 Control Cut lives up to its name!

iM3 Control Cut Rotary Files come in a full range of ISO sizes, from the smallest to the largest, with no missing sizes—just like our manual files.

Colour-coded bands identify the ISO, and notches denote which ISO phase they belong to making them uniquely quick and easy to visually identify.

Pre-fitted endodontic stops are colour coded to the file's ISO, further helping with quick identification.

Unlike other rotary systems that cut the entire length of the file, iM3 Control Cut Rotary Files have a flute length in line with manual files making them popular for being non-aggressive and reducing the risk of common debridement complications such as ledges and zipping.

"

*The iM3 Rotary Endo system is fantastic and a real game-changer. This machine makes shaping canals a lot easier with well measured files that looked good for use even after two procedures.*

*I had no problems identifying the sizes I needed, especially with their colour coordination and size markers. I would be surprised if a machine like this does not lead to more vets doing root canals in future.*

*It took me ages to get a feel for how the canal is on the inside and if I had created a ledge or transported the walls etc. Your machine did it all for me but without my manual mistakes. The post-op images of my cleaned and shaped canal were compelling.*

**Nora Schwitzer**
Nora Vet Dentistry

**ADVANCED DENTISTRY**
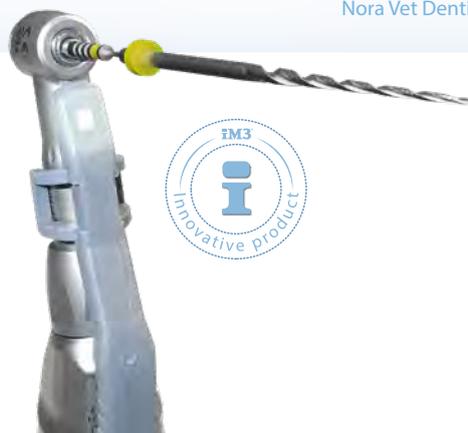
| ISO | Cat. Codes | |
| --- | --- | --- |
| | 31 mm | 60 mm |
| 0.25 | RE31256 | RE60256 |
| 0.30 | RE31306 | RE60306 |
| 0.35 | RE31356 | RE60356 |
| 0.40 | RE31406 | RE60406 |
| 0.45 | RE31456 | RE60456 |
| 0.50 | RE31506 | RE60506 |
| 0.55 | RE31556 | RE60556 |
| 0.60 | RE31606 | RE60606 |
| 0.70 | RE31706 | RE60706 |
| 0.80 | RE31806 | RE60806 |
| 0.90 | RE31906 | RE60906 |
| 1.0 | RE31106 | RE60106 |
| 1.1 | RE31116 | RE60116 |
| 1.2 | RE31126 | RE60126 |
| 1.3 | RE31136 | RE60136 |
| 1.4 | RE31146 | RE60146 |

## iM3 Control Cut Rotary Files

iM3 Control Cut Files are sold in packs of six. Available sets are listed in table opposite. Whether you are starting out, or you are replenishing your file sets, we have you covered.

All our iM3 Control Cut Rotary Files have a 0.02 taper, exactly matching gutta-percha and paper points, as well as our H-Files and K-Reamers.

"

*The new iM3 Control Cut Rotary Endodontic System is a big step forward in veterinary endodontics. It facilitates the proper shaping of the root canal system, especially in narrow canals, and it saves time during the treatment.*

**Dr. med. vet Jan Schreyer**

Diplomate of the European
Veterinary Dental College (EVDC)
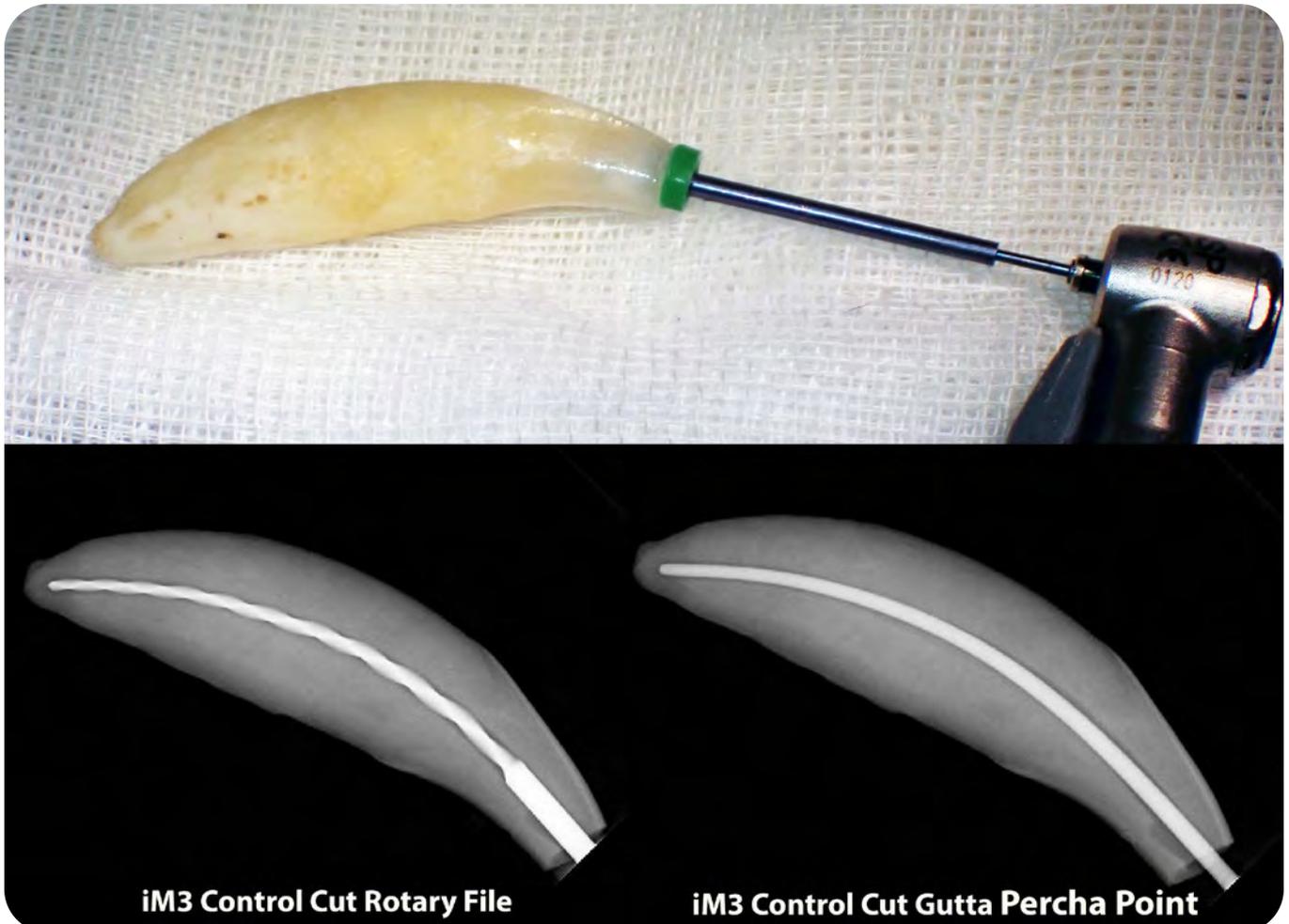


iM3 Control Cut Rotary File

iM3 Control Cut Gutta **Percha Point**

**ADVANCED DENTISTRY**
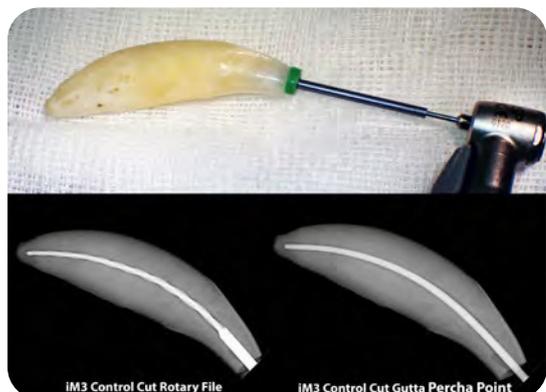
### iM3 Control Cut Rotary Files

iM3 Control Cut instruments are made from nickel-titanium (Ni-Ti) for increased strength and flexibility. iM3 Control Cut Rotary Files are designed to work in a reciprocating movement. The advanced design of the files reduces the risk of removing excess dentine and weakening the tooth. To further enhance the safety aspects of the system, a non-cutting tip has been added to reduce the chances of shelving or cutting through the apex of the tooth.

iM3 Control Cut Rotary Files feature a unique breakpoint at the top of the file preventing breakage from occurring within the canal. They also feature ISO colour-coded endodontic stops and a unique banding system to easily identify the size of the file, even at a distance.

*iM3 Control Cut brings a universal approach to veterinary endodontics. We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So, whether you use a manual, rotary, or hybrid approach to your endo procedures, iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.*

iM3 Control Cut Rotary File     iM3 Control Cut Gutta Percha Point

Cat. Code

### iM3 Control Cut Rotary Files ISO 0.25–0.60 (8-pack)

- ISO Sizes 0.25, 0.30, 0.35, 0.40, 0.45, 0.50, 0.55, 0.60.
- One of each size supplied in this eight-piece set
- Taper 0.02
- 31 mm overall length – 16 mm working length

**iM3 Control Cut Rotary Files 31 mm 0.25 –0.60 Set**     RE31SET1

**iM3 Control Cut Rotary Files 60 mm 0.25 –0.60 Set**     RE60SET1

### iM3 Control Cut Rotary Files ISO 0.70–1.40 (8-pack)

- ISO Sizes 0.70, 0.80, 0.90, 1.0, 1.1, 1.2, 1.3, 1.4.
- One of each size supplied in this eight-piece set
- Taper 0.02
- 31 mm overall length – 16 mm working length

**iM3 Control Cut Rotary Files 31 mm 0.70 – 1.40 Set**     RE31SET2

**iM3 Control Cut Rotary Files 60 mm 0.70 – 1.40 Set**     RE60SET2
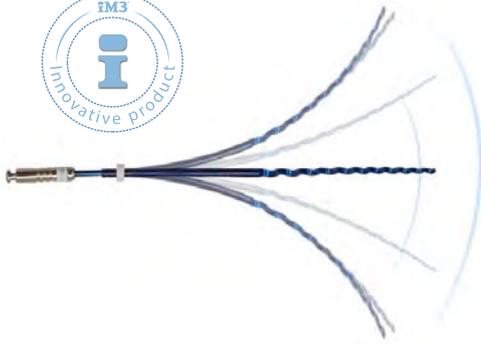
## K-Reamer (Flex Ni-Ti)

**iM3 Control Cut K-Reamer (Flex Ni-Ti)** brings a universal approach to veterinary endodontics. We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So whether you use a manual, rotary, or hybrid approach to your endo procedures, the iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.

Cat. Code

### K-Reamer Flex 60 mm 0.90–1.4 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.90, 1.0, 1.1, 1.2, 1.3 and 1.4
- Assorted Set (6 pack)
- Taper 0.02
- One of each in an assorted pack of six *(also available in individual packs of six)*

**K-Reamer (Flex Ni-Ti) 60 mm 0.90–1.4 Assorted Set (6-pack)**    KHT9014

90  100  110  120  130  140
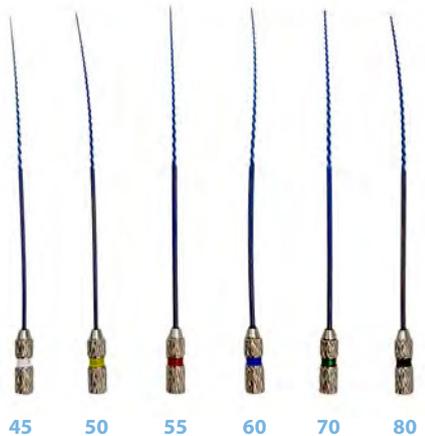
### K-Reamer Flex 60 mm 0.45–0.80 Assorted Set

60 mm overall length – 30 mm working length.

- ISO Sizes 0.45, 0.50, 0.55, 0.60, 0.70, and 0.80
- Assorted Set (6 pack)
- Taper 0.02
- One of each in an assorted pack of six *(also available in individual packs of six)*

**K-Reamer (Flex Ni-Ti) 60 mm 0.45–0.80 Assorted Set (6-pack)**    KHT4580

45  50  55  60  70  80
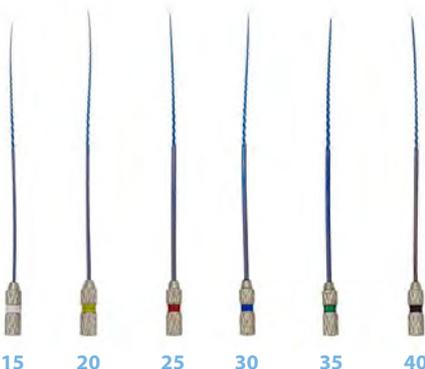
### K-Reamer Flex 60 mm 0.15–0.40 Assorted Set

60 mm overall length - 30 mm working length.

- ISO Sizes 0.15, 0.20, 0.25, 0.30, 0.35, and 0.40
- Assorted Set (6 pack)
- Taper 0.02
- One of each in an assorted pack of six *(also available in individual packs of six)*

**K-Reamer (Flex Ni-Ti) 60 mm 0.15–0.40 Assorted Set (6-pack)**    KHT1540

15  20  25  30  35  40

**ADVANCED DENTISTRY**

## Control Cut Rotary Flex 31 mm Files

New iM3 Control Cut Rotary Flex instruments are made from heat-treated nickel-titanium (Ni-Ti) giving them even greater flexibility than the original iM3 Control Cut files.

Thanks to the use of new heat-treated materials, the iM3 Control Cut Rotary Files now possess a controlled memory that enables them to be pre-bent. This feature facilitates their ability to navigate curved canals with greater ease, allowing for confident straight-line or fracture point access, without the risk of breakage or binding.

iM3 Control Cut Rotary Files are designed to work in a reciprocating movement but can also work in a forward-only motion on larger canals to increase speed of treatment. The advanced design of the files reduces the risk of removing excess dentine and weakening the tooth. To further enhance the safety aspects of the system, a non-cutting tip has been added to reduce the chances of shelving or cutting through the apex of the tooth.

iM3 Control Cut Rotary Files feature a uniquebreak point at the top of the file preventing breakage from occurring within the canal. They also feature ISO colour-coded endodontic stops and a unique banding system to easily identify the size of the file, even at a distance.

Rotary endodontic files require an RA endodontic motor such as the iM3 Endo-A-Class Vet LED or the iM3 C Flex Rotary Endodontic Motor.

iM3 estimates files to have a lifespan of two to five uses depending on the shape of the canal; and the cost should be factored into your procedures.

*iM3 Control Cut brings a universal approach to veterinary endodontics. We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So, whether you use a manual, rotary, or hybrid approach to your endo procedures, iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.*

Cat. Code

### Control Cut Rotary Flex 31 mm Files ISO 025–060 (8 pack)
THTSET1

- ISO 0.25 to 0.60
- Taper 0.02
- 31 mm overall length – 16 mm working length
- Sold in packs of eight

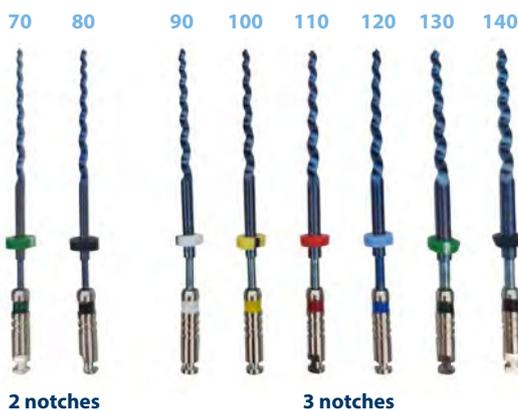25  30  35  40    45  50  55  60

1 notch            2 notches

### Control Cut Rotary Flex 31 mm Files ISO 070–140 (8 pack)
THTSET2

- ISO 0.70 to 1.4
- Taper 0.02
- 31 mm overall length – 16 mm working length
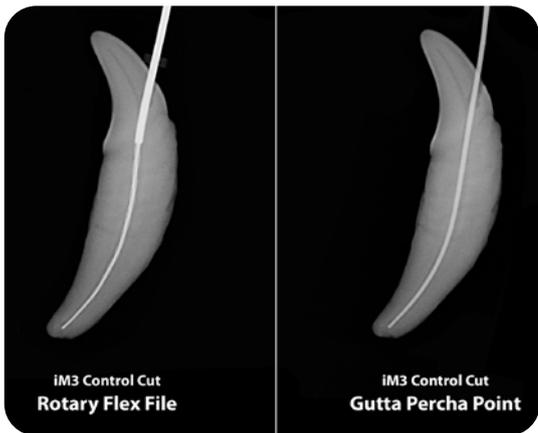- Sold in packs of eight

70  80    90  100  110  120  130  140

2 notches         3 notches

ADVANCED DENTISTRY

iM3 Control Cut
**Rotary Flex File**

iM3 Control Cut
**Gutta Percha Point**

## Control Cut Rotary Flex 60 mm Files

New iM3 Control Cut Rotary Flex instruments are made from heat-treated nickel-titanium (Ni-Ti) giving them even greater flexibility than the original iM3 Control Cut files.

Thanks to the use of new heat-treated materials, the iM3 Control Cut Rotary Files now possess a controlled memory that enables them to be pre-bent. This feature facilitates their ability to navigate curved canals with greater ease, allowing for confident straight-line or fracture point access, without the risk of breakage or binding.

iM3 Control Cut Rotary Files are designed to work in a reciprocating movement but can also work in a forward-only motion on larger canals to increase speed of treatment. The advanced design of the files reduces the risk of removing excess dentine and weakening the tooth. To further enhance the safety aspects of the system, a non-cutting tip has been added to reduce the chances of shelving or cutting through the apex of the tooth.

iM3 Control Cut Rotary Files feature a unique breakpoint at the top of the file preventing breakage from occurring within the canal. They also feature ISO colour-coded endodontic stops and a unique banding system to easily identify the size of the file, even at a distance.

Rotary endodontic files require an RA endodontic motor such as the iM3 Endo-A-Class Vet LED or the Elements E-motion.

iM3 estimates files to have a lifespan of two to five uses depending on the shape of the canal; and the cost should be factored into your procedures.

*iM3 Control Cut brings a universal approach to veterinary endodontics. We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So, whether you use a manual, rotary, or hybrid approach to your endo procedures, iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.*

Cat. Code



25 30 35 40     45 50 55 60

**1 notch**     **2 notches**

### Control Cut Rotary Flex 60 mm Files ISO 025–060 (8 pack)

**KHTSET1**

- ISO 0.25 to 0.60
- Taper 0.02
- 60 mm overall length – 30 mm working length
- Sold in packs of eight



70 80     90 100 110 120 130 140

**2 notches**     **3 notches**

### Control Cut Rotary Flex 60 mm Files ISO 070–140 (8-pack)

**KHTSET2**

- ISO ISO 0.70 to 1.4
- Taper 0.02
- 60 mm overall length – 30 mm working length
- Sold in packs of eight

**ADVANCED DENTISTRY**

## iM3 Endo-A-Class Vet LED

The iM3 Endo-A-Class Vet LED is the most versatile rotary endodontic motor specifically designed for use by veterinarians. Thanks to its eight pre-set programs, it couldn't be easier to use. Whether you want to use the revolutionary iM3 Control Cut File System, Lightspeed®, or other human systems, our motor can do them all.

The easy-to-use on-board display lets you quickly change between programs with options for forward, reverse and reciprocating. It has variable speed up to 1000 rpm and variable torque up to 3 N·cm. The intelligent torque control is displayed on the screen and auto-reverse prevents any risk of breaking files.

The iM3 Endo-A-Class Vet LED provides the best value for money for veterinarians. With its versatility, lightweight ergonomic design and precision, there is no unit better suited to the demands of veterinary endodontics. The micro-motor has been specially developed to provide both the power and the reliability required for veterinary use, which typically demands greater power than human dental applications.

### Features:

- Robust push-button chuck for RA fitting files
- Built-in LED light that can be switched on or off
- Induction charging and long battery life
- Audio alerts to denote torque control and auto-reverse

Cat. Code

**iM3 Endo-A-Class Vet LED**   EAC123
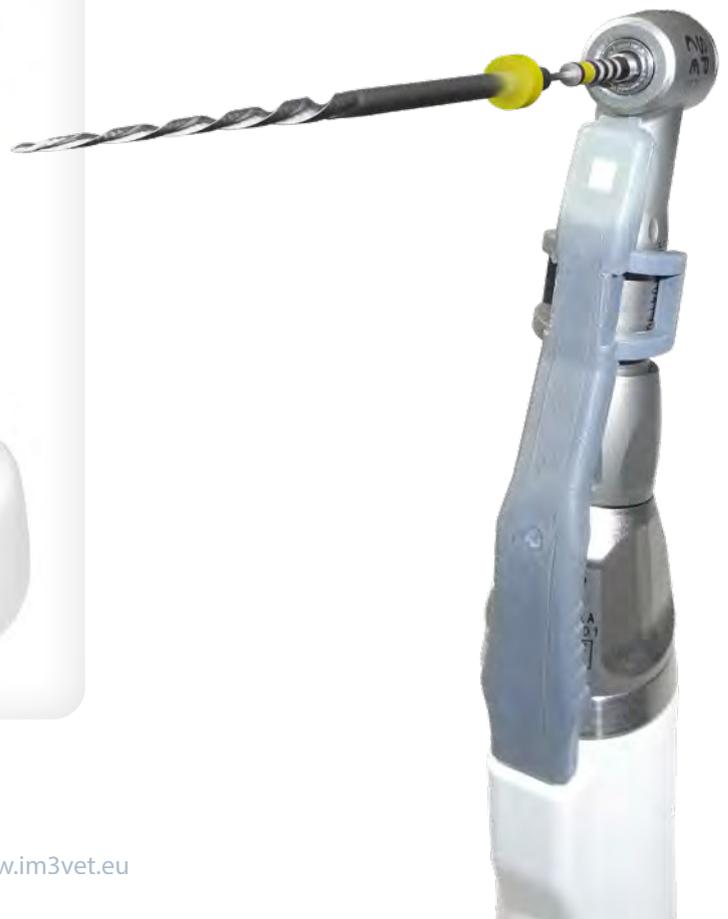
Cat. Code

## iM3 C Flex Rotary Endodontic Motor

**ENCFLEX**

Introducing the iM3 C Flex Rotary Endodontic Motor – a wireless system featuring a touch screen docking station that comes equipped with pre-set programs for a seamless experience. Whether you're inclined towards harnessing the cutting-edge iM3 Veterinary Control Cut File System, or alternatives like Lightspeed and other human systems, our motor effortlessly accommodates them all.

The intuitive touch screen interface facilitates swift transitions between programs, offering options for forward, reverse, and reciprocating modes. With a variable speed range of up to 1000 rpm and adjustable torque up to 3.9 N·cm, the display provides real-time feedback on intelligent torque control, while an automatic reverse feature helps prevent file breakage.

Furthermore, the iM3 C Flex Rotary Endodontic Motor comes complete with an integrated apex locator, seamlessly integrated into the handpiece itself – eliminating the need for additional equipment. This apex locator operates in real-time, providing real-time guidance during canal preparation.

## iM3 Control Cut Flex - Starter Kit

**CCSTART**

iM3 Control Cut brings a universal approach to veterinary endodontics. We use the same taper across our entire endo range including hand files, rotary files, gutta-percha and paper points. So, whether you use a manual, rotary, or hybrid approach to your endo procedures, iM3 Control Cut delivers precise and controlled canal shaping and perfectly fitting gutta-percha for every treatment.

*The iM3 Control Cut Flex - Starter Kit includes the new C Flex Rotary Motor, rotary files, hand files, gutta-percha and paper points:*

GP-15-140

PP-15-140

GP281540-4580-9014

PP281540-4580-9014

RE31SET1

RE31SET2

ENCFLEX

IM31181

IM31182

KHTSET1

KHTSET2

KHT9014

KHT1504

KHT4580
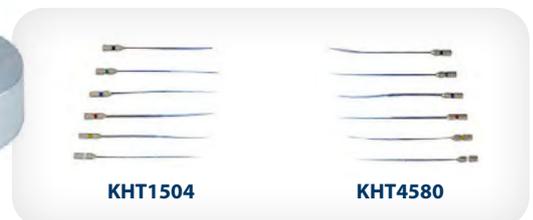
**ADVANCED DENTISTRY**

### iM3 Control Cut Paper Point Sets

Absorbent paper points used to dry the root canal.

Colour-coded ISO sizes to match file and reamer sizes.

Cat. Code
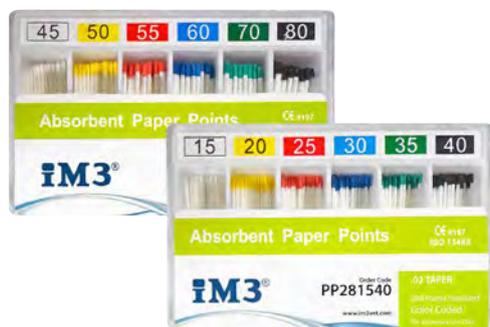
### Paper Points – 28 mm Length

Sold in packs of 200 pieces. Six different sizes of points per pack.

| | |
|---|---|
| **Paper Points 28 mm Length – ISO 15–40** | PP281540 |
| **Paper Points 28 mm Length – ISO 45–80** | PP284580 |
| **Paper Points 28 mm Length – ISO 90–140** | PP289014 |

### Paper Points – 60 mm Length

Sold in packs of 60 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Paper Points 60 mm Length – ISO 15–25** | PP601525 |
| **Paper Points 60 mm Length – ISO 30–40** | PP603040 |
| **Paper Points 60 mm Length – ISO 45–55** | PP604555 |
| **Paper Points 60 mm Length – ISO 60–80** | PP606080 |
| **Paper Points 60 mm Length – ISO 90–110** | PP609011 |
| **Paper Points 60 mm Length – ISO 120–140** | PP601214 |

### Paper Points – 80 mm Length

Sold in packs of 30 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Paper Points 80 mm Length – ISO 15–25** | PP801525 |
| **Paper Points 80 mm Length – ISO 30–40** | PP803040 |
| **Paper Points 80 mm Length – ISO 45–55** | PP804555 |
| **Paper Points 80 mm Length – ISO 60–80** | PP806080 |
| **Paper Points 80 mm Length – ISO 90–110** | PP809011 |
| **Paper Points 80 mm Length – ISO 120–140** | PP801214 |

### Paper Points – 120 mm Length

Sold in packs of 30 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Paper Points 120 mm Length – ISO 15–25** | PP121525 |
| **Paper Points 120 mm Length – ISO 30–40** | PP123040 |
| **Paper Points 120 mm Length – ISO 45–55** | PP124555 |
| **Paper Points 120 mm Length – ISO 60–80** | PP126080 |
| **Paper Points 120 mm Length – ISO 90–110** | PP129011 |
| **Paper Points 120 mm Length – ISO 120–140** | PP121214 |

ADVANCED DENTISTRY

## iM3 Control Cut Gutta-Percha Sets

Colour-coded ISO sizes to match file and reamer sizes.

Cat. Code

### Gutta-Percha Points – 28 mm Length

Sold in packs of 120 pieces. Six different sizes of points per pack.

| | |
|---|---|
| **Gutta-Percha Points 28 mm Length – ISO 15–40** | GP2815412 |
| **Gutta-Percha Points 28 mm Length – ISO 45–80** | GP2845812 |
| **Gutta-Percha Points 28 mm Length – ISO 90–140** | GP28901412 |

### Gutta-Percha Points – 60 mm Length

Sold in packs of 60 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Gutta-Percha Points 60 mm Length – ISO 15–25** | GP615256 |
| **Gutta-Percha Points 60 mm Length – ISO 30–40** | GP630406 |
| **Gutta-Percha Points 60 mm Length – ISO 45–55** | GP645556 |
| **Gutta-Percha Points 60 mm Length – ISO 60–80** | GP660806 |
| **Gutta-Percha Points 60 mm Length – ISO 90–110** | GP690116 |
| **Gutta-Percha Points 60 mm Length – ISO 120–140** | GP612140 |

### Gutta-Percha Points – 80 mm Length

Sold in packs of 30 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Gutta-Percha Points 80 mm Length – ISO 15–25** | GP801525 |
| **Gutta-Percha Points 80 mm Length – ISO 30–40** | GP803040 |
| **Gutta-Percha Points 80 mm Length – ISO 45–55** | GP804555 |
| **Gutta-Percha Points 80 mm Length – ISO 60–80** | GP806080 |
| **Gutta-Percha Points 80 mm Length – ISO 90–110** | GP809011 |
| **Gutta-Percha Points 80 mm Length – ISO 120–140** | GP801214 |

### Gutta-Percha Points – 120 mm Length

Sold in packs of 30 pieces. Three different sizes of points per pack.

| | |
|---|---|
| **Gutta-Percha Points 120 mm Length – ISO 15–25** | GP121525 |
| **Gutta-Percha Points 120 mm Length – ISO 30–40** | GP123040 |
| **Gutta-Percha Points 120 mm Length – ISO 45–55** | GP124555 |
| **Gutta-Percha Points 120 mm Length – ISO 60–80** | GP126080 |
| **Gutta-Percha Points 120 mm Length – ISO 90–110** | GP120011 |
| **Gutta-Percha Points 120 mm Length – ISO 120–140** | GP121214 |

**ADVANCED DENTISTRY**

## iM3 Control Cut Pathfinder K-Files – 4-Piece Set

**PF256815**

- Steel Pathfinder K-Files with a 25 mm overall length.
- ISO sizes 0.06, 0.08, 0.10 and 0.15. One of each size supplied in this four-piece set.
- Pathfinder files feature a minimal taper and are used for negotiating difficult or calcified (sclerosed) canals.

## iM3 Control Cut Gates Glidden Drills

Used to shape the straight portion of the coronal canal. The instrument cuts on the side and on the outstroke. Do not force the instrument. It has a non-cutting safety tip. Recommended speed: 750–1500 rpm. Used in RA low-speed contra-angle.

### Gates Glidden Drills – 28 mm (6-Piece Set)

**GG1628**

- Set of six pieces, sizes 1–6, Length 28 mm

### Gates Glidden Drills – 32 mm (6-Piece Set)

**GG1632**

- Set of six pieces, sizes 1–6, Length 32 mm

## iM3 Control Cut Barbed Broaches

Barbed Broaches, available in standard and veterinary lengths, are used to remove root canal contents. Select the largest broach that fits freely and loosely in the canal (do not allow it to bind in the canal). Turn clockwise to engage the intact pulp and remove it.

### Barbed Broaches – 25 mm (10-Piece Set)

**BB2515**

- Set of ten pieces, two each of ISO sizes 1–5
- 25 mm overall length – 9 mm working length

### Barbed Broaches – 47 mm (5-Piece Set)

**BB4715**

- Set of five pieces, ISO sizes 1–5
- 47 mm overall length, 9 mm working length

### Barbed Broaches – 60 mm (6-Piece Set)

**BB6015**

Veterinary length: 60 mm overall length, 9 mm working length

Pack of 6 pieces in colour-coded ISO sizes 15, 25, 40, 60, 80 and 100. Ideal for larger animals, exotics, equine and zoo work.

## iM3 Control Cut Lentulo Spirals

Used in RA low-speed handpiece to insert sealer into the canal. The left-handed screw threading allows sealer to flow down the spiral when the slow-speed handpiece is in forward mode. Recommended to be used at 300–600 rpm. Do not extend the spiral filler to the apex of the tooth.

| | |
|---|---|
| **Lentulo Spiral – 25 mm No. 40 (4-pack)** | LS25404 |
| **Lentulo Spiral – 60 mm No. 25 (4-pack)** | LS60254 |
| **Lentulo Spiral – 60 mm No. 30 (4-pack)** | LS60304 |
| **Lentulo Spiral – 60 mm No. 35 (4-pack)** | LS60354 |
| **Lentulo Spiral – 60 mm No. 40 (4-pack)** | LS60404 |
| **Lentulo Spiral – Set of five pieces as listed above** | LSSET1 |

ADVANCED DENTISTRY

### iM3 Control Cut Condenser (Ni-Ti) (6-Piece Set)
**CN2560**

- Nickel-titanium condenser set – 25 mm length
- RA fitting for use in low-speed handpieces to simultaneously introduce and condense gutta percha into the canal system.
- Set of six pieces, ISO 0.25–0.60

### iM3 Control Cut Microbrushes

iM3 Control Cut Microbrushes are used in endodontics to help clean the canal walls of even the widest canine teeth. In younger animals with broad, banana-shaped canals, it can be very difficult to clean away all the smear layer with endodontic files alone, especially near the access point. iM3 Control Cut Microbrushes make it much easier to clean those hard-to-reach areas. They are flexible, autoclavable and have special "no-drop" bristles ensuring no fragments will be left behind in the canal.

> *At DentalVets we love the extra small and small endodontic micro brushes to help us clean out wide pulp chambers, in preparation for root canal therapy, without leaving any hairs or residue behind in the canals.*
>
> **Susan Thorne**
> BSc(hons) BVMS MRCVS

### Control Cut Microbrush XS (10-Pack)
**MICPIN**

- Pink (XS) – working part: 25 mm, diameter: 2 mm, overall length: 60 mm

### Control Cut Microbrush S (10-Pack)
**MICBLU**

- Blue (S) – working part: 25 mm, diameter: 3 mm, overall length: 60 mm

### Control Cut Microbrush M (10-Pack)
**MICGRE**

- Green (M) – working part: 30mm, diameter: 4 mm, overall length: 60 mm

**Microbrush not included**

### iM3 Microbrush Putter
**PUT01**

Introducing the iM3 Microbrush Putter. This innovative handle provides extended reach and an ergonomic grip, ensuring control and accuracy when working with endodontic microbrushes.

### Lentulo Spiral – 25 mm – No. 25 (4-pack)
**LS25254**

Used for spinning sealing material down root canals.

- Fits contra-angle on a low-speed handpiece
- RA latch-type
- Colour-coded size 25
- Working length: 21 mm
- Pack of 4

**ADVANCED DENTISTRY**

Cat. Code

## Roeko GuttaFlow 2 Applicator Refill – 5 ml GUT2AP

GuttaFlow 2 is a novel filling system for root canals that combines two products in one: gutta-percha in powder form with a particle size of less than 30 μm, and sealer. This new filling system works with cold free-flow gutta-percha.

ROEKO GuttaFlow 2 exhibits slight expansion and adheres well to the gutta-percha point (master point) and dentine. Therefore, no time-consuming condensation is necessary.

## Roeko GuttaFlow Bioseal Mixing Tips GUTBVT

Long tips can be cut to size (20 pieces).
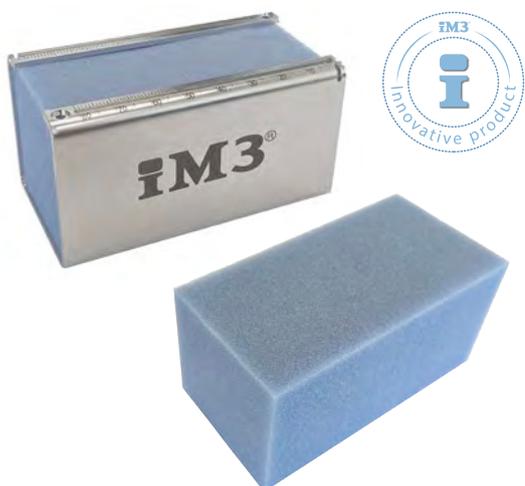
## Endodontic File Holder with Sponge EH1180

The Endodontic File Holder is made from stainless steel and comes with an autoclavable sponge for both cleaning and holding endodontic files. It features a veterinary length measuring guide that allows the endodontic stop to be positioned at lengths of up to 80 mm. A washable, reusable adhesive pad is included, allowing the file holder to adhere firmly to any smooth surface. This enables one-handed cleaning and storage of endodontic files during the procedure.

## Endodontic File Sponge – 50 Pack SP80150

Replacement sponge for endodontic file holder. Autoclavable sponge for both cleaning and holding endodontic files.

## iM3 Abacus Endodontic File Holders

The iM3 Abacus Endodontic File Holder was developed in cooperation with veterinary dental diplomates, Dr Jerzy Gawor and Dr Jan Schreyer, to serve as both a robust veterinary-length file holder and as a convenient tracker for rotary file usage.

- Capable of holding iM3 Control Cut Rotary Files.

- The numbered rows in the iM3 Abacus provide the veterinarian with a simple and visual approach to track how many uses each file has had.

- Made from stainless steel and fully autoclavable

- Veterinary-length endodontic ruler – 80 mm

- Fits files up to 80 mm in length

## Abacus Endodontic File Holder – 025–060 IM31181

Holds files from ISO 25–60

## Abacus Endodontic File Holder – 070–140 IM31182

Holds files from ISO 70–140

ADVANCED DENTISTRY

Cat. Code

### Guttaflow Bioseal Bendable Mixing Tip – 20 pieces     MPT360

For use with Guttaflow Bio syringes, this bendable mixing tip greatly facilitates precise and individual application. The bendable and fully rotating metal cannula allows convenient treatment without constraints. The high level of user convenience and safety in treatment increases working efficiency.

The metal cannula is made of medical stainless steel. Therefore there is no need to attach any application tip. It can be shaped by hand into any desired form and fully rotated. Bending the cannula does not alter the inner diameter. The ends of the metal cannulas are rounded and thus minimise the risk of injury.

### Syringe Plate Enlarger – 5 pieces     MPPE5M

The Syringe Plate Enlarger, also known as a Butterfly Plate Enlargement, provides improved control and helps increase power when dispensing materials from syringes. The design allows the Syringe Plate Extender to fit a large range of syringes between 2.5 mL and 5 mL.

The Syringe Plate Enlarger is compatible with the following syringes:

| Syringe | Cat. Code |
|---|---|
| iM3 Colourflow - Green | TCCG1G |
| iM3 Colourflow - Pink | TCCP1G |
| iM3 Silkflow A1 | FCA16G |
| Ionoseal | GLP325G |
| Calcium Hydroxide - 2g | CALYD1 |
| Roeko GuttaFlow 2 - 5ml | GUT2AP |
| SoloCem - 5 ml | COLSOD |
| Glyde File Prep | GFP2001 |
| Sealapex Xpress | SAPX12 |

**Colourflow syringe not included**

### Ivoclar Cavifil Injector     IV7882

For the application of Ivoclar Tetric PowerFlow and PowerFill Capsules.

ADVANCED DENTISTRY

## Ivoclar Tetric PowerFill

Tetric PowerFill is a sculptable composite with light-curing times starting from three seconds.

**Aesthetic:**

- True-to-nature aesthetics for posterior restorations.

- Ivocerin and the Aessencio technology allow you to achieve the same high aesthetics as with conventional composites.

**Quality:**

- Time-tested quality and durability due to more than 220 million restorations placed worldwide[1] and a survival rate of 95%.[2]

- Increased process reliability due to fewer layers.

- Excellent handling properties to suit every situation.

- Fewer errors thanks to short curing times starting from 3 seconds.

**Efficiency:**

Time savings of up to 57% in the posterior region compared to the conventional technique.[3]

Three instead of two patients can be treated in the same amount of time – without compromises in quality.[4]

**Efficient Aesthetics:**

Tetric-Line forms a part of the "Direct Restoratives" product category. The products of this category cover the procedure involved in the direct restoration of teeth – from preparation to restoration care. The products are optimally coordinated with each other and enable successful processing and application.

**Experience the difference with 3s PowerCure:**

When direct Class I and II restorations are placed in permanent posterior teeth, 3-second exposures from the occlusal aspect are sufficient for all curing steps with the Bluephase PowerCure in the 3s Cure mode. Simply expose Adhese Universal, Tetric PowerFill and Tetric PowerFlow to the light-intensity of 3,000 mW/cm² produced by the curing light. You will notice right away that the curing time you require is considerably reduced. At the same time, you will continue to achieve the customary high-quality aesthetic results.

### Ivoclar Tetric PowerFill Syringe – 3x 3 g     IV8117

### Ivoclar Tetric PowerFill Capsules – 20x 0.2 g     IV8107

ADVANCED DENTISTRY

Cat. Code

## Ivoclar Adhese Universal VivaPen – 2 ml

**IV4504**

Adhese Universal is a single-component, light-cured universal adhesive for direct and indirect bonding procedures that features compatibility with all etching techniques.

### Advantages:

- High bond strength and virtually no sensitivity.
- Available in a traditional bottle and the unique VivaPen delivery.

### Indications:

- Direct-placed light-curing composite and compomer restorations.
- Direct-placed core build-ups with light-, self- and dual-curing composites.
- Repair of fractured composite and compomer restorations.
- Adhesive cementation of indirect restorations with light- and dual-curing luting composites.
- Sealing of prepared tooth surfaces before temporary or permanent cementation of indirect restorations.

### Advantages of VivaPen:

- Fast and convenient direct intraoral application.
- Lowest cost per application: up to 190 single-tooth applications per VivaPen.
- 67% less material waste compared to the conventional bottle.

## Ivoclar Tetric PowerFlow

Tetric PowerFlow is a flowable posterior 4 mm composite with light-curing times starting from three seconds.

### Aesthetic:

- Chameleon effect ensures a natural shade blend.
- True-to-nature aesthetics for posterior restorations.
- Ivocerin and the Aessencio technology allow you to achieve the same high aesthetics as with conventional composites.

### Quality:

- Time-tested quality and durability due to more than 220 million restorations placed worldwide[1] and a survival rate of 95%.[2]
- Increased process reliability due to fewer layers.
- Excellent handling properties to suit every situation.
- Fewer errors thanks to short curing times starting from 3 seconds.

### Efficiency:

- The solution for all cavities.
- Time savings up to 57% in the posterior region compared to the conventional technique.[3]
- 3 instead of 2 patients can be treated in the same amount of time – without compromises in quality.[4]

## Ivoclar Tetric PowerFlow Syringe – 2 g

**IV2409**

## Ivoclar Tetric PowerFlow Capsules – 20x 0.2 g

**IV2413**

1 Based on sales figures.

2 A total of 890 fillings were monitored worldwide in seven clinical studies over observation periods ranging from 5 to 10 years. The overall survival rate calculated for Tetric EvoCeram was 95.1%.

3 Tetric PowerFill and Tetric PowerFlow compared to Tetric EvoCeram and Tetric EvoFlow; data available upon request.

4 Source: Special Feature *"A fast and comfortable way of restoring teeth"*, Ivoclar Vivadent

**ADVANCED DENTISTRY**

Cat. Code

## iM3 Etchgel – 3x 5 mL
**E3665G**

o-Phosphoric acid 37% dental etching system.

Water-based, purified and ozonated to international pharmacological standards, ensuring easy and complete rinsing of the product. Formulated using natural raw materials, which do not stain teeth.

## iM3 Additional Etchgel Mixing Tips – 5 pieces
**ETCTIP1**

## iM3 Bond – 5th Generation
**BOND4B**

A universal, one-bottle dental adhesive system.

Ensures adhesive strength on the level of 20 ± 3 MPa to enamel and approximately 12 ± 2 MPa to dentine. 4 mL bottle.

## iM3 Glaze – 3 mL Bottle
**GLAZ3B**

Increases glossiness of composite fillings, composite restorations and glass ionomers.

## iM3 MTA Powder

Fast-setting root canal repair material. Used as a direct pulp capping material in vital pulp therapy.

## MTA Powder – 10 Vials
**MTA10**

## Disposable MTA Carrier
**VISTAVP**

For a broad range of applications, from internal perforation repairs to root end fillings.

**0.80 mm**

**0.99 mm**

**1.6 mm**

- For single use (autoclave before first use if required)
- Delivers MTA directly to the apex of the root canal
- Eliminates the time-consuming clean up and cost associated with other metal carriers
- Bendable cannula
- Variety Pack (5/Pack) Includes: 2x 1.6 mm; 1x 0.80 mm; 2x 0.99 mm

## iM3 Silkflow A1
**FCA16G**

Light-cured, flowable dental composite

Silkflow is a universal, light-cured composite with a broad range of applications. 2 g syringe.

## iM3 Colourflow

Coloured flowable composite for temporary composite work.

Mainly used for maxillomandibular fixation of jaw fractures or for temporary crown extensions for dental malocclusions.

Intentionally creates a strong visual contrast between the tooth enamel and the composite material. 1 g syringe.

**Available in two colours**:    Green:  **TCCG1G**

Pink:  **TCCP1G**

## iM3 Additional Silkflow Mixing Tips - 5 pieces
**SLKTIP1**

**ADVANCED DENTISTRY**

Cat. Code

## iM3 Create A1

**CCA16G**

Light-cured dental composite for restoration of tooth structure lost through trauma as well as for cementing crowns and splints. The high filler content and small hybrid particles contribute to improved physical and mechanical properties resulting in increased tensile strength, abrasive resistance, greater aesthetics and improved handling.

- Supplied as a single paste. Does not require mixing, resulting in controllable working time and improved performance.
- Sold in a 6 g syringe

## iM3 Glass Ionomer Cement

**GL1020G**

Use as a cavity lining for fillings, fissure sealing, filling of small non-carious defects of hard dental tissues and for temporary fillings.

- High-strength, glass-ionomer, restorative cement
- Powder: 15 g bottle; liquid: 10 mL bottle
- Spoon and mixing pad

## iM3 Glass Ionomer Syringes

**GLP12G**

- iM3 GIC Premix Syringe, ready to use – Light Curing 2 g x2

## Ionoseal

**GLP325G**

- 3x 2.5 g syringes
- Ready-to-use, one-component material
- Time-saving, light-curing in seconds
- Quick and hygienic application
- High compressive strength (226 MPa)
- Fluoride release against secondary caries
- High biocompatibility
- Radiopaque

## Bioceramic RCS Canal Filling and Sealing Material

**BIOC1**

iM3 Bioceramic RCS - Canal Filling and Sealing Material is a ready-to-use, injectable, premixed filling and sealing material which is based on the bioceramic technology.

The product is an alumina-free, calcium silicate-based material with excellent handling characteristics and superior physical properties.

The material is radiopaque and requires water to set and harden.

- 1x 2 g syringe – Applicator tips sold separately

## Bioceramic RCS Veterinary Applicator Tips

**BIOTP**

- 20 disposable applicator tips, 80 mm in length
- For veterinary dental use only
- Flexible tips
- Long tips can be cut to size

**ADVANCED DENTISTRY**

### Ivoclar SpeedCEM Plus - 9 g

**IV1712**

SpeedCEM Plus is a self-adhesive, self-curing resin cement with optional light-curing.

SpeedCEM Plus offers an ideal combination of performance and user-friendliness. Its formulation has been optimised to make it particularly suitable for use in conjunction with restorations made of zirconium oxide and metal-ceramics and for the cementation of restorations on implant abutments.

- 1x SpeedCEM Plus syringe (9 g)
- 15x mixing tips

### Canal Pro Colour Syringes 10 mL

- Increase safety and minimise the chance of syringe swap
- Latex-free, colour-coded syringes offer a fast, easy way to organise and identify syringes for irrigants and solutions
- Standard luer-lock style

| | |
|---|---|
| **Colour Syringes – Blue (50 pieces)** | **CANSYNB** |
| **Colour Syringes – White (50 pieces)** | **CANSYNW** |
| **Colour Syringes – Red (50 pieces)** | **CANSYNR** |
| **Colour Syringes – Yellow (50 pieces)** | **CANSYNY** |

### Irrigation Needles

Available in standard 31 mm and 60 mm veterinary lengths.

| | |
|---|---|
| **Irrigation Needles 23G Side Vent – 31 mm (25 pieces)** | **IGN523** |
| **Irrigation Needles 27G Side Vent – 31 mm (25 pieces)** | **IGN527** |
| **Irrigation Needles 23G Side Vent – 60 mm (25 pieces)** | **IGN560** |
| **Irrigation Needles 27G Side Vent – 60 mm (25 pieces)** | **IGN567** |

### Endodontic Suction Needles

- Bevelled suction needles in veterinary-specific length
- Sold in packs of 25 pieces

| | |
|---|---|
| **Endodontic Suction Needles 23G – 60 mm (25 pieces)** | **ESN6023** |
| **Endodontic Suction Needles 27G – 60 mm (25 pieces)** | **ESN6027** |

**ADVANCED DENTISTRY**

## iM3 Self Cure

iM3 Self Cure is a temporary composite material for temporary crowns, jaw fracture repairs, etc.

### iM3 Self Cure – Auto-Mixing Cartridge                    TEPCOM1

**Includes:**

- One auto-mixing cartridge
- Five mixing tips
- Five fine applicators

This 1:1 mixing cartridge requires a 1:1 applicator gun, such as the iM3 Applicator Gun.

### iM3 Applicator Gun 1:1                                   APP101

### iM3 Mixing Tips (pack of 50)                             TIP101

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### ParaBond Non-Rinse Conditioner – 3 mL                   COLDC1

ParaBond is a chemical-curing, self-conditioning adhesive system for enamel and dentine. Ideal for situations where light may not penetrate, such as for post cementation, metal crowns, deep cavities or opaque ceramic. Seals the tooth surface and minimises the risk of post-operative sensitivity. Provides high shear bond strength. Universally applicable to chemical-curing, dual-curing and light-curing materials.

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### iM3 Light Cured Base Plates – 50 Pieces                 WMTRAY

Hybrid composite-based material.

- Used as light cured bite plates and bites templates fabric
- Colour: pink
- Tray sheets thickness: 1.4 mm
- Cure time: 5 minutes

**ADVANCED DENTISTRY**

Cat. Code

## Ivoclar Bluephase PowerCure Light

IV7092

Intelligent LED light – carefree curing

Patented Polyvision technology is your personal assistant when it comes to curing dental materials.

This automatic assistance system helps you achieve reliable curing results. The curing light automatically detects movement of the handpiece during the light-curing procedure. It alerts the user of the improper operation by vibrating and automatically extends the exposure time by 10% if necessary. If the movement may prevent the material from curing properly, the light will automatically interrupt the exposure cycle so that it can be repeated. Bluephase PowerCure comes with active anti-glare protection to prevent the light from being activated in open space.

### Advantages

- Reliable curing performance for all light-curing materials due to polywave LED

- Short curing times starting from 3 seconds due to a high intensity up to 3,000 mW/cm$^2$

- Wide 10mm light guide for time-saving single-exposure curing procedures

- Additional Pre-Cure program

- Experience the difference with 3s PowerCure

When direct Class I and II restorations are placed in permanent posterior teeth, 3-second exposures from the occlusal aspect are sufficient for all curing steps with the Bluephase PowerCure in the 3s Cure mode. Simply expose Adhese Universal, Tetric PowerFill [1-4] and Tetric PowerFlow to the light-intensity of 3,000 mW/cm$^2$ produced by the curing light. You will notice right away that the curing time you require is considerably reduced. At the same time, you will continue to achieve the customary high-quality aesthetic results.

## Ivoclar Bluephase PowerCure System Kit - Syringe

IV8253

**Ivoclar Bluephase PowerCure System Kit - Syringe includes:**

- Bluephase PowerCure 100–240 V x1

- Tetric PowerFill 3 g x1

- Tetric PowerFlow 2 g x1

- Adhese Universal VivaPen 2 mL x1

## Ivoclar Bluephase PowerCure System Kit - Mixed

IV1918

**Ivoclar Bluephase PowerCure Kit - Mixed includes:**

- Bluephase PowerCure 100–240 V x1

- Tetric PowerFill 0.2 g x20

- Tetric PowerFlow 2 g x1

- Adhese Universal VivaPen 2 mL x1

ADVANCED DENTISTRY

Cat. Code

## Wireless LED Curing Light

**L6000**

Cordless, pen-shaped LED curing light.

As these are high-intensity curing lights, we suggest testing composite outside of the mouth before use. Five to ten seconds should cure approximately 3 mm of composite.

- Complete with protective light sleeves (100 pieces)
- Radiant intensity: 1100–1200 mW/cm$^2$
- Range of wavelength: 440~480 nm
- Automatic compensation circuit for constant power output
- Six working-time modes: 5, 10, 15, 20, 25, 30 seconds
- Three working modes: Full, Ramping, and Pulse
- When set at 10 seconds, it can be used more than 100 times on one battery charge
- Direct charging option via transformer for easy transportation and mobility
- Autoclavable light guide 8 mm
- Size: length 24 cm x diameter 2.7 cm
- Weight: 160 g

*(Colour may vary)*

## Built-in Curing Lights

Both the **iM3 Pro X** and the **iM3 Pro S dental stations** have the option of built-in curing lights.

See their individual product pages for more information.

iM3 Pro X

iM3 Pro S

ADVANCED DENTISTRY

### iM3 Calcium Hydroxide Paste

**CALYD1**

A root canal disinfection paste that can be applied as a temporary disinfectant dressing during root canal treatment or used for indirect and direct pulp capping.

- Supplied in a 2 g syringe.
- Includes 20 applicator tips.

### EDTA File Lubricant Cream

**EN6G2C**

iM3 EDTA File Lubricant Cream is an 18% EDTA solution used for lubrication and chelation in root canals. It smoothens binding and helps prevent the breaking of files and reamers. Thanks to its water soluble base, iM3 EDTA File Lubricant Cream leaves no residue and easily removes calcifications.

- 2x 6 g syringe
- 5x disposable applicator tips

### Glyde File Prep

**GFP2001**

Glyde File Prep gel is used to facilitate the cleaning and shaping of the root canal by lifting debris coronally while it simultaneously lubricates the file. The gel effervesces when it reacts with sodium hypochlorite. This "bubbling" action lifts dentinal mud and necrotic tissue for easy removal. In addition, the EDTA in the Glyde File Prep gel assists in removing bacteria and leaves the dentinal tubules and lateral canals ready for obturation.

The Glyde Syringe Kit contains three syringes of 3 mL each.

### Sealapex™

**SAP12G**

Sealapex™ is the original eugenol-free root canal sealant based on calcium hydroxide, which promotes rapid healing and the formation of hard tissue. Includes 12 g base and 18 g catalyst, as well as mixing pads and documentation.

### Sealapex™ Xpress

**SAPX12**

An application system is available for Sealapex™ to help simplify setup, delivery, and cleanup. Sealapex™ is now available in auto-mix syringes. These syringes offer easy mixing at a perfect 1:1 ratio. This application system adds efficiency, convenience and simplicity to proven, well-established products.

**ADVANCED DENTISTRY**

Cat. Code

### iM3 Chlorhexidine

**CHX001**

Irrigant solution used for additional rinsing 500 mL -–
2% chlorhexidine gluconate.

For professional veterinary dental use only.

- Recommended for additional rinsing and use during revisions
- Do not use directly after NaOCl; rinse with saline prior to use
- Active ingredient: chlorhexidine gluconate

### CanalPro EDTA 17% 500 mL Bottle

**CAN5007**

17% EDTA solution (pH 8.5) removes smear layer and dentin mud.

Opens dentin tubules for:

- Disinfection solutions (e.g. alcohol) to work better
- Better adhesion of sealers and obturation materials

### CanalPro NaOCl 3% 500 mL Bottle

**CANNA01**

For irrigation and debridement of root canals during and after instrumentation. When it comes to irrigating, CanalPro Endodontic Solutions are your best choice for successful treatment. We have engineered our endodontic solutions to minimise the time spent on irrigation, giving you the best approach to cleansing canals and the best outcomes.

### 12 Vial Autoclavable Endo Stand

ENV001

- Smart and flexible for customised setups
- Fully autoclavable up to 135°C
- 52 mm x 115 mm x 40 mm
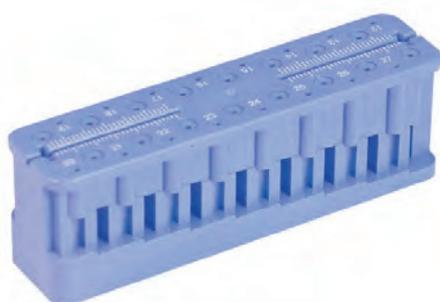
### Endo Measuring Block

ENM001

- Easy to use with accurate settings and durable construction
- Fully autoclavable up to 120°C
- 100 mm x 24 mm x 32 mm

### Endo Measuring Ruler

ENDRUL

- Precision ruler for measuring working lengths of endodontic files and instruments
- Measures 0–150 mm with 0.5 mm increments up to 50 mm

### Endo Measuring Stops – 100 Pieces

ENDSTOP

- For use with endodontic files

### Endo File Finger Holder

ENC001

- Autoclavable ring and holder
- Comes with large and small rings
- Ruler on holder
- Comes with one disposable file cushion

### Endo File Cushions – 10 Pieces

ENC003

- Replacement cushions for Endo File Finger Holder

ADVANCED DENTISTRY

Cat. Code

### Glass Dappen Dish

- Sold individually

END040

### Disposable Dappen Dishes

- Used for prophy, etchant, and bonding; fully disposable to save time and prevent cross-contamination
- 50 pieces per pack

END001

### Micro Applicators

Economical and disposable, reducing excess material use by up to 80%. Bends to any angle for precise placement of small, controlled amounts of material in limited-access areas.

- 100 pieces per pack

### Micro Applicators – Regular Blue – 2.5 mm diameter

ENM901

### Micro Applicators – Fine Green – 2.0 mm diameter

ENM902

### Micro Applicators – Ultra Fine Pink – 1.5 mm diameter

ENM903

### Mixing Pads

- 3 pads per pack, 100 sheets per pad

### Mixing Pads Large – 70 mm x 80 mm
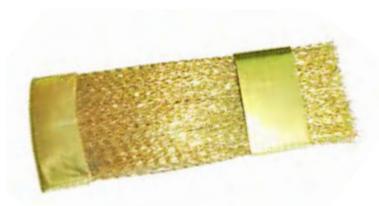
ENPL01

### Mixing Pads Small – 35 mm x 45 mm

ENPS01

### Disposable Plastic Mixing Sticks

- 100 pieces per pack

MMS25

### File Cleaning Brush

- Wire brush for cleaning endodontic files and specialist burs

EDWR01

**ADVANCED DENTISTRY**

Cat. Code

### Rubber Dam Frame

ENF001

- Proven design with improved grip
- Enhanced patient comfort
- Autoclavable

### Rubber Dams

RD0030

- 30 pieces per pack

### Polishing Rubber Set – 9 Pieces

POL010

**Disc – Coarse** *(White)*

**Disc – Medium** *(Pink)*

**Disc – Fine** *(Blue)*

**Inverted Cone – Coarse** *(White)*

**Inverted Cone – Medium** *(Pink)*

**Inverted Cone – Fine** *(Blue)*

**Pointed – Coarse** *(White)*

**Pointed – Medium** *(Pink)*

**Pointed – Fine** *(Blue)*

- Fits RA contra-angle handpieces such as L2004
- Optimal speed: 15,000 rpm
- Used to polish composite materials
- Single-use
- Also available in singles

### Flexible Polishing Discs – Assorted Set

EV14KT

**Very Coarse Grit** *(Black)* **x 25**

**Coarse Grit** *(Blue)* **x 25**

**Medium Grit** *(Pink)* **x 25**

**Fine Grit** *(White)* **x 25**

- Recommended to be used between 10,000–30,000 rpm, using higher speeds with finer grit
- Supplied with one RA mandrel for use in low-speed contra-angle handpiece

Cat. Code

### Ivoclar OptraSculpt Pad Kit

**IV9791**

OptraSculpt Pad is a contouring instrument suitable for the non-stick shaping and contouring of surfaces. It is especially designed to shape unpolymerised sculptable composites in direct restorative treatments and to contour and smooth paste-like laboratory composites.

**The Ivoclar OptraSculpt Pad Kit includes:**

- Ivoclar OptraSculpt Pad Instrument x 1
- OptraSculpt Pad Modelling tips – 4 mm x 60
- OptraSculpt Pad Modelling tips – 6 mm x 60

### Ivoclar OptraSculpt – Double-ended Instrument

**IV3154**

The Ivoclar OptraSculpt - Double-ended Instrument is designed to be used with OptraSculpt pads and has working angles that are adjusted to the anterior and posterior regions.
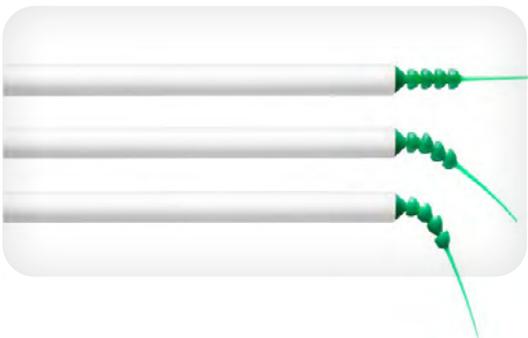
### Surgitip Endo – 20 Pieces

**SURGEN0**

Endodontic aspirating tip for root canals. Surgitip Endo is an aspirating tip specially designed to dry root canals. The innovative design of the suction tip allows for a multi-directional flexibility, so it can easily be introduced into hard-to-reach root canals without having to bend the canal tip. Aspiration is highly effective at all angles and visibility is not constricted.

Surgitip Endo is delivered with a double adapter for adapting the tips (Ø 6.5 mm) to Ø 11 mm and Ø 16 mm aspirating equipment.

### Surgitip-micro – 20 Pieces

**SURGMC**

Surgitip-micro is specially designed for use with microscopes and loupes. The extra fine tip opening of 1.2 mm ensures precise aspiration without blocking the field of vision. Surgitip-micro is sterile and ready for use in peel packs.

**Includes:**

- 1 double adapter for ø 11 mm and ø 16 mm equipment.

ADVANCED DENTISTRY

## iM3 Endodontic Starter Kit

**ENDSTA1**

Our Endodontic Starter Kit gives you all the additional accessories and materials you need to start performing root canal therapies.

To be combined with our Endodontic Instrument Kit, Composite Kit and your choice of starter file sets.

**The iM3 Endodontic Starter Kit includes:**

- GP Points 28 mm ISO 15–80
- GP Points 60 mm ISO 15–140
- GP Points 80 mm ISO 15–140
- Paper Points 28 mm ISO 15–80
- Paper Points 60 mm ISO 15–140
- Paper Points 80 mm ISO 15–140
- Gates Drills 28 mm Sizes 1–6
- Gates Drills 32 mm Sizes 1–6
- Endo Ruler 15 cm
- Endo File Finger Holder
- Replacement Cushions
- 12 Vial Endo Holder
- Endo Measuring Block
- Spreader (steel) 25 mm ISO 15–40
- Plugger (steel) 25 mm ISO 15–40
- Condenser (Ni-Ti) 25–60 mm
- Barbed Broaches 47 mm Sizes 1–5
- Lentulo Spiral Set

## iM3 Composite Starter Kit

**COMPSTA1**

Our Composite Starter Kit gives you all the additional accessories you need to start using composite materials for restorations and endodontics.

**The iM3 Composite Starter Kit includes:**

- iM3 Temp Composite Colourflow Green 1 g syringe
- iM3 Temp Composite Colourflow Pink 1 g syringe
- iM3 Create Composite Shade A1 6 g syringe
- iM3 Silkflow Composite Shade A1 2 g syringe
- iM3 MTA 20 x 0.25 g
- iM3 Etchgel 3x 5 mL syringe
- iM3 Bond 4 mL bottle
- Large Mixing Pads 3 x 100 sheets
- Small Mixing Pads 3 x 100 sheets
- Disposable Dappen Dish Plastic x50
- Micro Applicators Regular x100
- Micro Applicators Fine x100
- Micro Applicators Ultra Fine x100
- LED Curing Light with Charging Stand

## iM3 Power Chains

Flattened elastic latex with an arrangement of holes allowing attachment and adjustment to orthodontic buttons. Continuous filament spacing. Used as a source of force in orthodontic applications such as the treatment of misalignments, malocclusions and crooked teeth.

### Power Chain – Blue                                 PCHBL1

- 15 feet of continuous filament

### Power Chain – Pink                                 PCHPN2

- 15 feet of continuous filament

### Power Chain – Clear                                 PCHCL3

- 15 feet of continuous filament

## iM3 Lingual Buttons

Orthodontic buttons used in dental applications to correct misalignments, malocclusions and crooked teeth. Used as a fixing point for power chains, springs, and wires for traction and tooth movement. Attached directly to the tooth using orthodontic resins and composites.

### Lingual Button – Round with Holes – 10 Pieces      LIGBR1

- Perforated holes for maximum bonding strength
- Diameter: 3.5 mm

### Lingual Button – Round – 10 Pieces                 LIGBB2

- Diameter: 3.5 mm

### Lingual Button – Rectangular – 10 Pieces           LIGBR3

- 3.5 mm x 2 mm

ADVANCED DENTISTRY

Cat. Code

## Chords

Light-cured polyaramid dental fibres.

**Indications:**

- Support for permanent composite restorations such as crowns, bridges, onlays and inlays
- Splinting or immobilising loosened teeth
- Orthodontic retainers
- Individual posts

One package contains a 10 cm fibre with a width of 2 mm.

### Chords - Single Piece of 10 cm x 2 mm          CHD011

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## SoloCem

**Reliable cementing without bonding.**

SoloCem is a self-adhesive resin cement with antibacterial zinc oxide that ensures reliable, tight restoration, combined with a particularly low level of shrinkage. This dual-curing cement achieves outstanding adhesion values that guarantee durable stability on the enamel and dentine without bonding.

SoloCem can be applied across a broad range of indications, such as cementing crowns and bridges, root posts, inlays and onlays, as well as on implant abutments.

### SoloCem – 5 mL          COLSOD

### SoloCem – Mixing Tips – Fine – 40 Pieces          COLTSOF

### SoloCem – Mixing Tips – Super Fine – 40 Pieces          COLTSSF

ADVANCED DENTISTRY

### iM3 Orthopaedic Wire

Cat. Code

- Stainless steel orthopaedic wire for jaw fracture repair
- Available in six different gauges
- Sold in 10 m rolls

| | |
|---|---|
| **Orthopaedic Wire – 18 Gauge** | OR1810 |
| **Orthopaedic Wire – 20 Gauge** | OR2010 |
| **Orthopaedic Wire – 22 Gauge** | OR2210 |
| **Orthopaedic Wire – 24 Gauge** | OR2410 |
| **Orthopaedic Wire – 26 Gauge** | OR2610 |
| **Orthopaedic Wire – 28 Gauge** | OR2810 |



### iM3 Wire Twisters with Tungsten Carbide Jaws

D3000

Designed for multiple tasks and ideal for wiring jaws or orthopaedic work.

The strong yet fine jaws feature tungsten carbide inserts for wire cutting.



22 mm

25 mm

30 mm

35 mm
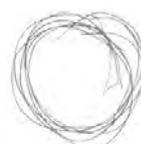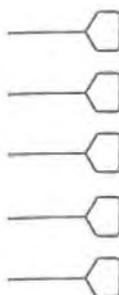
### Expansion Screw Set

E710778

Made of high-quality stainless steel for arch expansion in orthodontics.

5x Keys

6x 170 mm

# Orthodontic Instruments

### iM3 Bracket Tweezer

Used in orthodontic applications for holding and positioning brackets and buttons.

**DBT02**

### Orthodontic Force Gauge

An orthodontic force gauge is a precision instrument designed to accurately measure the tension generated by orthodontic elastics.

- Gauge 0–450 g / 0–16 oz
- Made of high-quality stainless steel
- Autoclavable

**ORT450**

**ADVANCED DENTISTRY**

Cat. Code

## iM3 Two-Part Impression Material

A hydrophilic addition polymerisation type silicone rubber impression material in one simple base and catalyst cartridge. Used in orthodontic applications to obtain impressions for crowns, inlays, onlays, and bridges.

- Ideal flow properties
- Maximum tear strength
- Hydrophilic formulation

### iM3 Impression Material – Auto-Mixing Cartridge          K1014
**Includes:**

- Auto-mixing cartridge
- Five mixing tips
- Five fine applicators

This is a 1:1 mixing cartridge and therefore requires a 1:1 applicator gun such as the iM3 Applicator Gun.

### iM3 Applicator Gun          APP101

### iM3 Additional Mixing Tips – 50 Pieces          TIP101

iM3 Applicator Gun and additional mixing tips for use with iM3 Impression Material (K1014) and with iM3 Self Cure (TEPCOM1)

### iM3 Soft Impression Putty          K1020

A flexible kneadable precision impression compatible with moist surfaces due to its slightly hydrophilic components.

Regular set time allows for accurate impressions for crowns and bridges, implants, orthodontic appliances, and temporaries.

**ADVANCED DENTISTRY**

Cat. Code

## Pliable Impression Trays from iM3

Disposable impression trays made from a combination of pliable plastic and metal. The pliable nature makes these impression trays the best choice for veterinary dentistry. Adaptable to a wide range of patient mouths, making iM3's impression trays a low-cost and simple solution.

### Pliable Impression Tray – Large Upper (1)          AT451

- For upper anteriors

### Pliable Impression Tray – Large Lower (2)          AT452

- For lower anteriors

### Pliable Impression Tray – Small Universal (3)          AT459

- For smaller animals

### Pliable Impression Tray – Left Curve Quadrant (4)          AT458

### Pliable Impression Tray – Right Curve Quadrant (5)          AT457

### iM3 Mixing Spatula          DMP02

Hygienic, reusable mixing spatula for the preparation of cements and impression materials.

### Flexible Mixing Bowl          K1021

- Diameter: 12.5 cm
- Height: 10 cm

For effective mixing of impression materials.

### iM3 Bite Registration Wax          BRQ250

- 250 g

ADVANCED DENTISTRY

# iM3 VETERINARY
# Dental & Therapy Laser

**The *iM3 Veterinary Dental & Therapy Laser* is a must-have tool for any veterinary practice dealing with animal dental health.**

**This laser is ideal for dental problems that require precision, minimally invasive surgery, enhanced healing of injured tissues, efficient and versatile workflow, minimised blood loss and considerable reduction in bacterial infections.**

Cat. Code
**LAZ010**

**Biostimulation**    **Therapy**    **Soft Tissue Cutting**

### Handpiece features

The *iM3 Veterinary Dental & Therapy Laser* comes complete with a choice of three different hand-pieces, the **Biostimulation handpiece**, the **Therapy handpiece**, and the **Fast Fiber Surgical handpiece** with disposable tips *(3 diameters optional)*.

The laser can emit three wavelengths, which produce better curative effects on specific indication.

## BIOSTIMULATION HANDPIECE

Cat. Code
**LAZ010**

### Deeper penetration by collimated laser beam

Our specially designed *Biostimulation Handpiece* has a collimated laser beam, which can penetrate into the deeper tissue to enhance therapeutic outcomes.

### 980/810 nm near-infrared laser

With strong anti-bacterial and anti-inflammatory effects, suitable for periodontitis and root canal disinfection.

# THERAPY HANDPIECE

### Laser spot diameter: 10–30 mm (adjustable)

The diameter of our new designed *Therapy Handpiece* can be adjusted from 10–30 mm to cover affected areas of different sizes.

- All-metal construction, rugged and durable
- Autoclave space to prevent cross-infection

### 650 nm red laser

650 nm falls within the optical window of the patient's body, with high penetration and excellent photobiomodulation effects, very suitable for laser therapy such as pain relief and acceleration of wound healing.

Cat. Code
**LAZ010**

# FAST FIBER SURGICAL

### Pre-initiated tip with peel-resistant coating

*Fast Fiber* tips are disposable and autoclavable. It is ready to use, no need for fibre-stripping and cutting. It saves your time and avoids cross-infection.

iM3 has developed a new pre-initiated tip with a durable, peel-resistant black coating. The special coating withstands high temperature during laser cutting, ensuring a smooth and fast surgical treatment.

### 450 nm blue laser

Traditional laser needs tip initiation to cut soft tissue, which is time-consuming and highly dependent on operator's experience.

The blue laser is strongly absorbed by proteins, with 60 times greater absorption than traditional lasers. It can cut tissue at very high speed without tip initiation to reduce thermal damage.

Cat. Code
**LAZ010**

**ADVANCED DENTISTRY**

# Precise laser output ensures consistent effects

Outstanding temperature stabilization system:

- Accurate and stable laser output
- Repeatability and safety of curative effect

The laser generates significant internal heat during emission. Our advanced DPSS technology ensures all the core components work at a suitable temperature, making the laser output highly stable and precise, which is key to repeatable and safe treatment.

°C
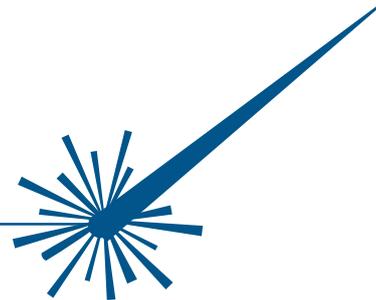
8-inch IPS touchscreen, operable with wet hands and medical gloves

Built-in high-performance lithium battery

Displays charging status while powered off

Hidden handle

Hidden air inlet

Hidden fibre management system

High-efficiency silent fan

High-end suitcase – waterproof, dustproof and shockproof

The medical laser is equipped with a wireless, waterproof footswitch; the AAA batteries provide up to one year of power

Wireless connection

The communication between the footswitch and the host is stable, secure, and encrypted

ADVANCED DENTISTRY

Cat. Code

**400 µm**

**300 µm**

**200 µm**

**200 µm - long**

## iM3 Veterinary Laser Disposable Tips

- Durable, black coated tips that are resistant to tearing
- Single use to prevent cross-infection
- Three fibre diameters available: 200 µm, 300 µm, and 400 µm
- Autoclavable design

iM3 Veterinary Laser Disposable Tips ensure a smooth and quick surgical treatment.

| | |
|---|---|
| **iM3 Veterinary Laser Disposable Tips (400 µm)** | **LAZ011** |
| **iM3 Veterinary Laser Disposable Tips (300 µm)** | **LAZ012** |
| **iM3 Veterinary Laser Disposable Tips (200 µm)** | **LAZ013** |
| **iM3 Veterinary Laser Disposable Tips (200 µm – Long)** | **LAZ014** |

# Indications

### Favorites
- Oral surgery
- Oral ulcers
- Skin incisions

### Oral diseases
- Hemostasis
- Non-ablative depigmentation
- Laser periodontal therapy
- Pulpotomy
- Root canal disinfection
- Wound healing
- Gingivitis and stomatitis *(intraoral)*
- Gingivitis and stomatitis *(extraoral)*

### General Surgery
- Excision

### Wounds
- Wounds *(acute)*
- Wounds *(chronic)*

### Skin conditions
- Lick granuloma
- Dermatitis
- Pododermatitis
- Otitis *(pinna)*
- Otitis *(canal)*
- Anal gland disease
- Hygroma *(false bursitis)*

### Pain
- Pain management *(acute)*
- Pain management *(chronic)*

### Musculoskeletal
- Fracture
- Tendon and ligament injuries
- Muscle injuries
- Joint diseases
- Intervertebral disc disease
- Peripheral nerve injuries

### Miscellaneous
- Rhinitis and sinusitis
- Transabdominal treatments
- Transthoracic treatments

**ADVANCED DENTISTRY**

*Minimally invasive, maximum power*

Cat. Code
**CS100**

# iM3 Piezomed Piezo Surgery Unit

Piezomed facilitates the surgeon's work. Thanks to innovative ultrasound technology, only bone is resected with high precision. The surrounding soft tissue remains uninjured. A noticeable benefit for the patient: less pain and quicker healing.

## Features & Benefits

- Automatic instrument detection
- Wireless foot control with three individual operating modes
- Control unit cooling without a case fan
- Functions can be operated using a single foot control
- Boost function for a temporary 20% power increase
- LED ring for ideal illumination of the operating field
- LED handpiece and cable can be disinfected in thermo-washer and sterilised
- Cooling spray at the instrument's working area

### Innovative LED Ring

The shadow-free light ensures ideal illumination of your site of operation.

### Cooling Where Needed

The supply of coolant through the instrument to near the operating point guarantees optimal cooling of the instrument and the hard tissue.

### Efficient Cooling

The spray exits near the instrument's area of activity and efficiently cools the operating site.

### Practical Foot Control

With the multifunctional wireless foot control, you can select the optimum position in the work area without restrictions, allowing for sterile working and optimal freedom for your hands.

## Included Parts & Accessories:

- Piezomed main unit
- Handpiece (including LED socket and cable)
- Wireless Foot Control with handle
- Sterilization Cassette
- Bone Kit assorted tip set with tip holder
- Torque controlled metal wrench designed to prevent tips from breaking during installation
- Irrigation bag stand

| SPECIFICATIONS | |
|---|---|
| **Mains Voltage** | 100–130 V / 220–240 V |
| **Permissible Voltage Fluctuation** | ±10 % |
| **Rated Current** | 0.1–1.0 A / 0.1–0.5 A |
| **Frequency** | 50 – 60 Hz |
| **Max. Power Consumption** | 90 VA |
| **Max. Power Output** | 20 W* |
| **Coolant Flow Rate at 100%** | Min. 50 mL/min |
| **Size (W x D x H)** | 256 x 305 x 109 mm |
| **Weight** | 7 kg |

*24 W with boost function.*

ADVANCED DENTISTRY

# Piezomed Instruments

The W&H Piezomed instrument range includes different instruments for bone surgery, for retrograde endodontics and for lateral sinus lift. As soon as an instrument is inserted, Piezomed automatically detects the instrument and assigns it to the correct power class. This not only facilitates operation but also increases safety. In addition, the risk of overloading the instruments is reduced and the service life of your instruments is considerably extended!

## Instruments for Bone Surgery | W&H Piezomed Tips

**B1 (U80B1)**

Fine-toothed saw for fine cuts, with little bone loss when harvesting bone blocks.

**B2L (U80B2L) / B2R (U80B2R)**

Fine-toothed instrument for horizontal cuts, with little bone loss, in hard-to-reach areas. Right-curved and left-curved models are available.

**B4 (U80B4)**

Sharp chisel for splitting the alveolar ridge.

**B6 (U80B6) / B7 (U80B7)**

Special saw for fine and deep cuts in record time. Especially suitable for harvesting bone blocks, splitting the alveolar ridge, separating tooth roots and for root-tip resections.

## Instruments for Retrograde Endodontics | W&H Piezomed Tips

**R1D (U80R1D)**

Straight, diamond-coated instrument for retrograde root canal preparation.

**R2LD (U80R2LD)**

Slightly left-curved, diamond-coated instrument for retrograde root canal preparation.

**R2RD (U80R2RD)**

Slightly right-curved, diamond-coated instrument for retrograde root canal preparation.

**R3D (U80R3D)**

Angled, diamond-coated instrument for retrograde root canal preparation.

## Instruments for Lateral Sinus Lift | W&H Piezomed Tips

**S1 (U80S1)**

Diamond-coated instrument for preparation of a bone flap for lateral sinus floor augmentation and for crown edge extensions.

**S2 (U80S2)**

Fine-toothed instrument for horizontal cuts, with little bone loss, in hard-to-reach areas. Right-curved and left-curved models available.

*Bone Kit included with purchase of Piezomed Piezo Surgery Unit (CS100)*

**ADVANCED DENTISTRY**

![iM3 - THE GLOBAL NAME IN VETERINARY DENTISTRY]

**Wireless Foot Pedal**

Cat. Code
**OP1238**

## iM3 OP1 Piezo Surgical System

The iM3 OP1 Piezo Surgical System is a smart choice for bone surgery, sinus lifts, periodontal surgery, endodontic surgery, and orthodontics.

The OP1 features a touch screen interface and wireless Bluetooth foot pedal providing ease of use. In addition, the device utilises a modulated driving signal which boosts the vibration of the bone saw, allowing shorter treatment times and effective cutting in hard and deep bone sections. The OP1 comes equipped with an automatic gain closed-loop control circuit that locks in the optimal tip frequency under varying operating conditions.

The OP1 is compatible with tips from most major brands, which allows you to use your favourite tips.

ISO and CE certified; 510(k) registered.

### Features & Benefits:

- Touch screen interface
- Wireless Bluetooth foot pedal
- Auto gain closed-loop control circuit
- Safe mode

### Included Parts & Accessories:

- OP1 main unit
- Handpiece
- Foot switch
- Stainless steel container for holding accessories during sterilisation
- Torque controlled metal wrench designed to prevent tips from breaking during installation
- Assorted tip set with tip holder
- Irrigation bag stand

## OP1 Piezo Instruments

| | | | | | |
|---|---|---|---|---|---|
| **Straight-angled bone saw** OP232RT | **Sinus membrane separation** OP222RT | **Straight-angled periotome extraction scalpel** OP202RT | **Flat scraper** OP252RT | **Round osteoplasty scraper** OP242RT | **Square bur sinus window osteotome** OP302RT |
| **Smoothing osteotome sinus crestal approach** OP342RT | **1.7 mm Round bur osteotome** OP602RT | **Bone Surgery*** OP772RT | **Left-angled bone saw*** OP262RT | **Right-angled bone saw*** OP272RT | **Warrior sectioning*** OP312RT |

*Not included with OP1 unit.

### SPECIFICATIONS

| Power Supply | Working Frequency | Delivery Rate of Pump | Dimensions (Width x Height x Length) | Irrigation Bag Stand Length | Handpiece & Cable Length |
|---|---|---|---|---|---|
| 110–115 V ±5% ~50/60 Hz 30 VA 220–230 V ±5% ~50/60 Hz 30 VA | 26 KHz ~ 32 KHz | Max. 100 mL per minute | 36 x 11 x 20 cm | 45 cm | 250 cm |

## iM3 Surgical Instruments

Stainless steel hand instruments for a variety of advanced surgeries such as gland surgery, lymph node resection, jaw fracture repair, palatal surgery, mandibulectomies and maxillectomies.

### iM3 6 Piece Advanced Surgical Kit — D5000
Complete six-piece set in a zipper case. Each instrument is also individually available.

### Cement Spatula — D5002

### Curved Mosquito Forceps — D5003

### Small Blunt Suture Scissors — D5004

### Curved Kocher Forceps — D5005

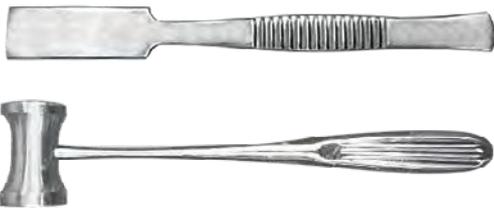### Gelpi Retractor — D5006

### Rongeurs — D5007

## iM3 Surgical Mallet and Chisel

Used in advanced veterinary dental surgeries such as rostral maxillectomies or mandibulectomies involving the symphysis.

### Surgical Mallet — DSH02

### Surgical Chisel — DSC02

### Pean Forceps - Long Nose — DFP127
Pean Forceps have long serrated jaws and locking ratchet to clamp blood vessels and prevent tissue from slipping.

### Iris Scissors (LaGrange) - Double Curve — D5018
Crafted from premium materials, the Iris Scissors - Double Curve offers exceptional durability, perfect for withstanding the demands of a busy veterinary practice. Its sturdy frame and high-quality finish are not only visually appealing but also designed to withstand the rigors of daily veterinary use, ensuring longevity. Ideal for soft tissue procedures, including flap opening and gingival removal.

### Corwin Hegar Tungsten Twisting Forceps — D5019
Made from premium-quality tungsten, with its unique twisting design, these forceps provide precise gripping and manoeuvrability, allowing veterinary dentists to perform intricate procedures with confidence.

- Ergonomic handle
- Easy sterilisation and maintenance
- Resists corrosion and staining

ADVANCED DENTISTRY

# iM3® ACE

## ADVANCED CENTRE FOR EDUCATION

**iM3 Advanced Centre for Education (ACE)** offers immersive, realistic, practical workshops where veterinary professionals can learn, develop and master essential skills. Along with practising new skills, delegates can trial the latest technology and dental equipment. Our training programs are conducted by industry-leading training providers, and qualified iM3 staff are also there to assist with laboratory and equipment needs.





iM3 ACE training is conducted in our purpose-built, state-of-the-art facility providing:

- Large flexible wet labs
- Technology-enhanced lecture rooms
- Multi-functional space for catering and breakout sessions
- Fully equipped with products and equipment to support all levels of veterinary dental education
- Catering for large groups of delegates
- Event management coordination
- Equipment hire (EU), and external courses

iM3 ACE
Advanced Centre for Education
ENTRANCE

> "iM3's European training facility is the ideal venue for teachers and delegates alike. I was able to concentrate on giving my small group of delegates constant, undivided attention with the confidence that there would be an ideal learning environment, supported by iM3's excellent team.
>
> Delegates have their own personal, comfortable and illuminated workstation which allows for optimal skill acquisition. In addition, a night out in Dublin allows for teachers and delegates alike to relax after a hard day's continuing education!
>
> **Rachel Perry BSc, BVM&S, MANZCVS, Dipl.EVDC, MRCVS RCVS**
> Advanced Practitioner, Veterinary Dentistry

> "I wanted to thank you for a really good course and super nice welcome. As I have understood from several course participants, they were very satisfied and thought the course was very useful.
>
> You have a fantastic ACE and are really a fun bunch!
>
> **Anne Kathrin Hartmann MVB**
> AniCura Djursjukhuset i Jönköping

> "Thanks for your help and support. It helped encourage me to make the decision to go to the course, and I am very glad I did. It built on things I knew and inspired me to develop a new skill.
>
> The hospitality and organisation of your team was superb. All in all, thanks for a very positive experience.
>
> **John Dee, Denmark**



**iM3 ACE DENTISTRY**

To make a booking or for more information, please email us at:
**training@im3dental.com**

Or, scan the QR code to visit the education section on our website.

Please enjoy our video tour of iM3 ACE and see for yourself the size and scope of our new facility. We have the largest veterinary dental training centre in Europe, housing fully equipped professional training courses.

To make a booking or for more information regarding iM3 ACE and our services, please contact: **training@im3dental.com**



## Equipment Hire & External Courses

The iM3 ACE brand extends beyond our facility with our equipment hire offerings. Bring the iM3 quality and service to your courses anywhere in Europe by hiring your equipment, instrumentation and consumables from iM3 ACE.

## Contact us for pricing and terms of hire regarding:

- Veterinary dental units
- Veterinary dental X-Ray CR developers
- Trolley mounted X-Ray generators
- Handheld X-Ray generators *(not available in all countries)*
- Ultrasonic scalers *(included with dental unit hire)*
- Piezo surgery units
- The iM3 Vet-Tome
- Instrumentation *(included with dental unit hire)*
- Consumables available at subsidised rates





*Book early to avoid disappointment! Our typical minimum lead time is six months' notice.*

To book or for more information please email us: **training@im3dental.com**

ESAVS
European School for
Advanced Veterinary Studies

in association with

iM3ACE
ADVANCED CENTRE FOR EDUCATION



**ESAVS Dentistry II at iM3 ACE**

## European School of Advanced Veterinary Sciences

iM3®ACE is honoured to host **ESAVS** upcoming dentistry courses which range from introductory courses through to advanced periodontics, endodontics and oral surgery. ESAVS provides internationally recognised training for veterinarians by lecturers who are Diplomates of the European and/or American Veterinary Specialist Colleges.



**ESAVS Dentistry III at iM3 ACE**

ESAVS provides state-of-the-art, internationally-recognised training for veterinarians in a wide range of disciplines. This training is based on residential one- to two-week courses using a case-oriented problem-solving approach with interactive lectures and hands-on practicals.

All study programs consist of a consecutive series of courses in a specific discipline of your choice, complemented by distance learning between courses. Study programs offer comprehensive in-depth coverage of the subject.

Completing a study program, extended in some disciplines by additional coursework, successfully passing the respective examinations, and maintaining a case log will allow you to obtain a certificate in your discipline of choice issued by the University of Luxembourg (UL).

The academic degree of "European Master of Small Animal Veterinary Medicine" in a specific discipline issued by the UL represents the most advanced level of ESAVS training. The master title is awarded after completing a study program and additional courses, passing the respective exams, keeping a case log, as well as writing case reports and a master's thesis.

**Individual courses and comprehensive study programs include:**

- Dentistry I: Introduction to Dentistry, Diagnostics & Extractions
- Dentistry II: Periodontics & Feline Dentistry
- Dentistry III: Restorative Dentistry & Endodontics
- Dentistry IV: Prosthodontics, Orthodontics & Paediatric Dentistry
- Dentistry V: Oral and Maxillofacial Surgery
- Small Mammal Dentistry
- Feline Dentistry

**Program Directors/ Principal Course Masters:**

Dr. Jan Schreyer, DEVDC (DE)

Dr. Jerzy Gawor, DAVDC, DEVDC (PL)

European School of Advanced Veterinary Sciences courses are booked *directly with ESAVS* and *not* via iM3.

Find the full course listings and booking details on the ESAVS website:

**www.esavs.eu**



LEARNING
VETERINARY DENTISTRY
FROM THE EXPERTS

ESAVS
European School for
Advanced Veterinary Studies

uni.lu
UNIVERSITÉ DU LUXEMBOURG

FURTHER INFORMATION & REGISTRATION:
Phone: +49 6782 23 29 • Fax: +49 6782 43 14
info@esavs.org • www.esavs.org

iM3ACE DENTISTRY

# iM3® Service Team | UK & Ireland

Now offering on-site dental equipment servicing direct from the manufacturer!

- On-site repairs – in and out of warranty
- Annual servicing available on all iM3 equipment
- Dental unit filter service including health and bacterial checks
- Health checks for instruments, handpieces, and ultrasonic scalers
- Dental X-Ray developer servicing and software updates
- Dental X-Ray generator servicing and test packs

## Contact us for a quotation

✉ support@im3dental.com    📞 **UK:** 01423 224297 | **Ireland:** 0169 11277

*Competitive pricing worked out on a case-by-case basis – never overpay!*

Have confidence that your dental equipment is delivering you 100% performance and efficiency!

- Servicing all iM3 equipment
- Covering all of the UK and Ireland
- iM3 direct service engineers
- Direct support from the manufacturer
- In-house repair centre
- Expert and professional service
- The global name in veterinary dentistry!

For **non-iM3 equipment**, please contact us to confirm availability.

## Unique features to easily maintain your iM3 Workstation:

- Colour-coded delivery system aids in fast fault diagnosis or simple replacement by you in your hospital.

- Maintenance instructions printed on the chassis of the *GS* and *elite* machines for quick reference.

- New, low-maintenance, quiet, oil-free compressor designed by iM3 to provide oil-free air to the dental machine with handy aluminium cover for storing foot pedals when not in use.

- Ergonomically designed iM3 low and high speed dental handpieces have been developed specifically for veterinary professionals. The design makes changing a prophy cup or dental bur straightforward and will result in a longer working life of the handpiece.

- Manuals available to download at: **www.im3vet.eu/manuals**

- Cartridge valves – the toggle valves on all iM3 units use a unique cartridge system allowing the operator to replace the valves quickly, should it become necessary with no downtime – another industry first!

## YOUR iM3® WORKSTATION
*Built to last, easy to maintain and service*

### iM3 products have been manufactured with great care by highly qualified technicians using a wide variety of tests and controls designed to ensure faultless operation.

To maintain a high standard of quality control, every dental system sold by iM3 is thoroughly tested and operated complete with the handpieces and coolant before it is packaged for delivery. The quality of workmanship and unique design features used to build every iM3 machine are of such high quality that our range of dental machines now carry a warranty which is setting new standards within the veterinary dental industry. This includes up to five years for our range of air-driven dental machines.

At iM3, our reputation and passion is your guarantee of advanced technology, unique features and quality workmanship. We design them, we build them, and we service them. We know your iM3 workstation inside and out.

### FREE Technical Support is included with every iM3 Dental Workstation.

The relationship with our customers is of the utmost importance to us, to ensure that our products are performing to a standard we're proud to offer. The iM3 superior Technical Support Team comes **free** with every iM3 dental workstation or iM3 product.

Our Technical Support Team will continue to look after your dental system and all questions regarding handpieces, operational issues or maintenance long after you've taken delivery. We will help you to get the most out of your iM3 workstation and make veterinary dentistry a rewarding part of your day.

Call us anytime during business hours on our **Tech Support Line** and we'll take care of all your needs or email us with your query and we'll get back to you promptly.

| | | |
|---|---|---|
| **USA** | **1 800 664 6348\*** | **info@im3usa.com** |
| **AUS** | **+61 2 9420 5766\*** | **sales@im3vet.com** |
| **Ireland** | **+353 (0)16911277\*** | **sales@im3dental.com** |
| **UK** | **+44 (0)1423 224297\*** | **sales@im3dental.com** |

\*During normal business hours.

> *We have had the occasion to call on your service staff for advice and repairs regarding our dental machine. In every case, your staff have been very knowledgeable and provided assistance with patience and courtesy. You should be congratulated for outstanding service to your clients and we will continue to deal exclusively with you for our dental machine requirements.*
>
> **Peter Roche**
> Ferny Grove Veterinary Surgery

iM3® SERVICES

# iM3 | THE GLOBAL NAME IN VETERINARY DENTISTRY

## iM3 | THE GLOBAL NAME IN VETERINARY DENTISTRY

**Established in Sydney, Australia, over 30 years ago, iM3 has grown to become a leading veterinary dental company setting the standard in product innovation, industry firsts, and continuing education.**

From its three locations in Sydney, Australia; Vancouver, WA, USA; and County Meath, Ireland (Europe), iM3 supplies veterinarians throughout the world with high-quality yet affordable veterinary dental products.

iM3 continues to design, develop and manufacture the latest veterinary dental machines, instruments, X-Rays and dental consumables. Our large involvement in CE throughout the world means the people responsible for the development of new products also know how to use them.

iM3 prides itself on providing the best possible after-sales and customer technical support in the industry. Our dental only focus and the fact that iM3 manufactures its own dental machines at its three locations means you are dealing with knowledgeable and experienced people who can offer you sound advice. You can have confidence knowing that leading dental specialists worldwide use and recommend iM3 products.

*The iM3 name is your guarantee of quality veterinary-specific dental products coupled with the very best after sales support and warranty in the industry.*



Corporate HQ | **Sydney, Australia**



iM3 Dental Limited | **County Meath, Ireland**



iM3 Inc | **Vancouver WA, USA**

**At iM3, we are dedicated to advancing animal health with trusted products, effective solutions, and educational resources for all your veterinary dentistry needs!**

Follow our team for news on
upcoming events and training courses!

**www.im3vet.com**

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# iM3®

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