iM3®

25th EDITION | **UNIVERSAL**

THE **GLOBAL NAME** IN **VETERINARY DENTISTRY**

DISCOVER THE iM3 DIFFERENCE

WE ARE COMMITTED TO PROVIDING VETERINARIANS WITH THE VERY BEST PRODUCTS AND AFTER SALES SUPPORT WORLDWIDE

VET DENTAL UNITS **VET DENTAL X-RAY** **ULTRASONIC SCALERS** **HAND INSTRUMENTS** **ACCESSORIES & CONSUMABLES**

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Visit our NEW website at www.im3vet.com

iM3 is pleased to Launch its new worldwide website **www.im3vet.com.** Veterinarians now have the opportunity to order direct from iM3 via the website, view the latest product catalogue, subscribe to informative iM3 newsletters featuring case studies and learn more about the iM3 product range.

Visit the iM3 website and register your email to receive more information.

"I have been using iM3 products in a veterinary dental referral practice for many many years. They sell top quality products, and have the very best customer service in the industry.
They make the lives of us in the veterinary dental business much easier! We are able to get our jobs done much more efficiently and proficiently.
Kudos iM3! Keep up the great work!"

Erik Christensen, CVT
Arizona Veterinary Dental Specialists

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Rabbits and Rodents

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

Incisor Luxator

Cat. No D1026

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

Molar Luxator

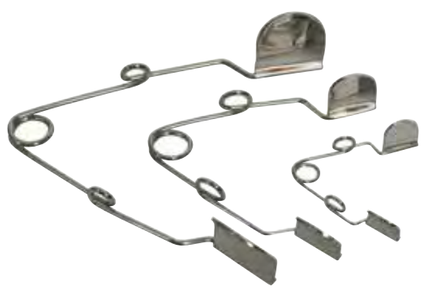
D1027

Designed for the extraction of rabbit cheek teeth. This instrument is used to break down periodontal ligaments on all four aspects of the premolar and molar teeth.

Spatula

D1028

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



Cheek Dilator – X-Small

D1035

Suitable for very small mammals where the small cheek dilator is found to be too big.

Cheek Dilator – Small

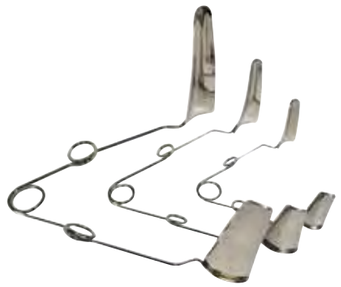
D1030

Suitable for smaller mammals such as chinchillas and guinea pigs, enhancing inspection of the oral cavity.

Cheek Dilator – Large

D1031

Suitable for larger rabbits.



Cheek Dilator Long Reach Curved – Small 28mm

Cat. No D1146

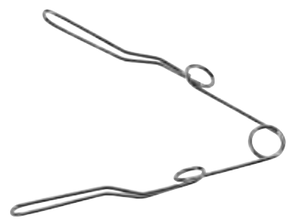
Cheek Dilator Long Reach Curved – Medium 40mm

D1046

Cheek Dilator Long Reach Curved – Large 60mm

D1047

The long reach 40mm 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. 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. (not included in D1034 8pc kit)



Rodent Wire Mouth Gag

D1032

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

D1046 and D1033 in use.

Rodent Mouth Gag

D1033

Designed by iM3. The Jaws of the new Rodent mouth gag are covered in soft plastic reducing trauma. This gag is lighter than comparable gags to reduce the weight on the animals jaws. Autoclavable.

"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 reducing trauma

Rabbit Molar Cutters

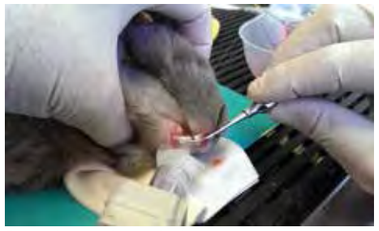
D1045

Ideal for trimming excessively long cheek teeth which should then be smoothed off using the extra long diamond bur (Pictured page 8 D2235). By reducing the length with the molar cutters first, this will reduce bur wear and possible thermal injury to the tooth. Care should be taken to avoid tooth fractures and soft tissue damage.

Cheek Teeth Extraction Forceps (Molar Teeth)

Cat. No
D1029

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



D1075 in use - Lower Incisors

D1076 in use - Upper Incisors

Unique iM3 Design

Incisor Luxator for labial and lingual/palatal tooth aspects

The luxators are used to cut the periodontal ligament and expanding the alveolus by inserting the sharp instrument into the socket.
Both incisor luxators are needed to extract the upper and lower incisors.

Cat. No
D1075

D1076

8 Piece Complete Rabbit and Rodent Kit

Cat. No
D1034

8 piece complete set in zipper case . Each instrument is individually available.

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).

TTMG - Table Top Mouth Gag (Rabbit/Rodent)

The TTMG was designed by iM3 with the help of specialists to hold the anaesthetised rabbit or rodent in the best possible position for examination and treatment of the oral cavity without assistance.

- Adjustable height stainless steel gags to suit any size rabbit or rodent
- Adjustable table height ensures the best viewing angle of the oral cavity
- Washable silicon pad under the patient reduces heat loss and is easy to clean
- The complete TTMG is easy to clean and autoclavable
- Quality components and innovative design for ease of use.

Optional Heater Pad

- Temperature controlled silicon heater pad further minimises body temperature loss. Supplied complete with low voltage power supply with international approvals.
- LED Light for improved illumination of the oral cavity. See T2200 below.

Cat. No

Table Top Mouth Gag (Rabbit/Rodent) T2000

Orange heated silicon pad & transformer T2100

The TTMG is also suitable for oral surgery!

LED Light

Cat. No
T2200

1 watt bright white LED light with 30cm flexible neck.

The LED light is ideal for illuminating the oral cavity during rabbit dentistry. The flexible 30cm neck allows the bright light to be easily focused on the area of interest. The LED light is also suitable for the consulting room and surgery where a bright white light is needed. The LED light is supplied with a 110 – 240v transformer and 3m long power cord.

Soft Tissue Protector and Diamond Disc Safety Shield

Dental Instruments for rabbits, guinea pigs and chinchillas. The iM3 soft tissue kit is an ideal set of instruments for reducing and leveling molar and incisor teeth.

Complete set — Cat. No D2245

1) Diamond Disc Cutter — D2200
22 mm, coated on both sides with HP mandrel

2) Safety Shield — D2220
Fits L6860. Safety shield for diamond disc, stainless steel

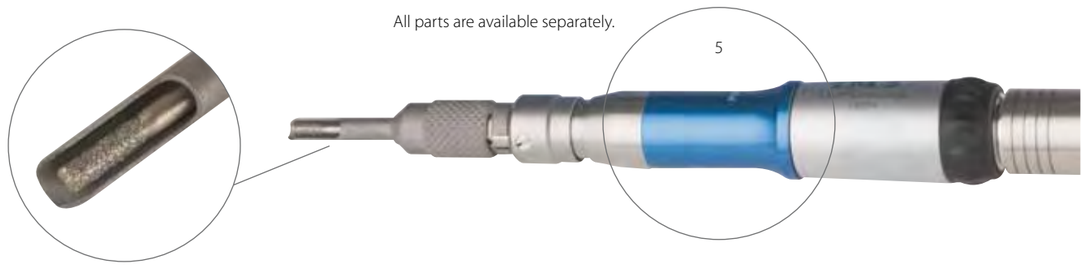
3) Soft Tissue Protector — D2230
Fits L6860. The soft tissue protector guards the tongue and cheeks by exposing only the bottom cutting surface of the diamond bur when used on cheek teeth.

4) Long Cutting HP Bur — D2235
Diamond bur X-Long 60 mm.
Diamond cleaning stone available (D9750)

The above items fit a straight nose cone 1:1 (Blue) fitted 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.

All parts are available separately.



HP Burs suitable for rabbit dentistry

Fits any straight nose cone HP fitting.

Long cutting HP Diamond Bur — D2235

Diamond bur X-long 60mm, can be used with or without D2230 soft tissue protector. The diamond bur is less likely to cut soft tissue.

Narrow Conical HP Bur for Rabbits — D9550

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

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.

Actual size

www.im3vet.com

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

Light in the mouth!

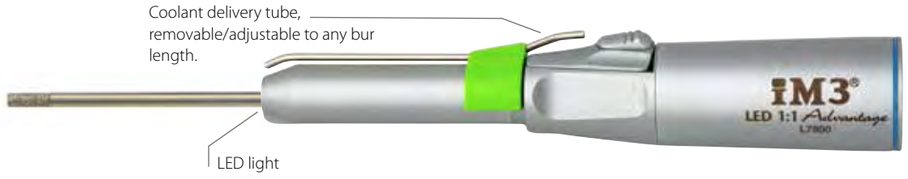
NEW
1:1 LED Advantage Straight Nose Cone

The 1:1 LED Advantage fits any low speed motor or electric micromotor — L7800

- 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, removable/adjustable sterile coolant to any bur length
- Ideal for rabbit dentistry and orthopaedic work. Autoclavable. Takes HP burs and 3/32" 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 visualize 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!"

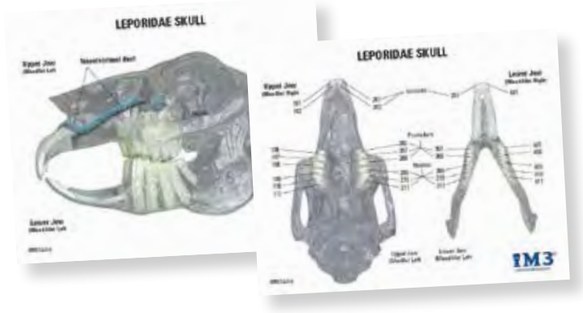
Mary L. Berg BS, RLATG, RVT, VTS(Dentistry)



Leporidae Skull Model

Cat. No 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 card is double sided and shows the location of the nasolacrimal duct. The other side shows teeth location, name and numbering for easy identification.



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

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iM3 Luxators and Winged Elevators

The dental instruments that meet the needs of the modern day Veterinarian

iM3 Luxators are very fine and sharp. The 5 sizes make them ideal for both canine and feline teeth.They are used and recommended by dental specialist's for cutting the periodontal ligament and expanding the alveolus (tooth socket).

iM3 winged elevators are available in 6 sizes and are used to elevate and extract the tooth. The winged shape of the elevator tip matches the curve of the tooth and the extra leverage aids in extraction.

iM3®

THE VETERINARY DENTAL COMPANY

*Lifetime warranty covers faulty material and workmanship. Damage due to the incorrect use or handling of the instrument is not covered by the lifetime warranty.

Veterinary Winged Dental Elevators

iM3 winged elevators are light-weight yet extremely durable. The sharp, tapered winged tip allows easy insertion into the PDL. The width of 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 shape increases control of the instrument and provides additional leverage to aid in extraction of the tooth.

iM3 Winged Elevators with Standard Handle	Cat. No
Winged Elevator 1mm	D1001
Winged Elevator 2mm	D1002
Winged Elevator 3mm	D1003
Winged Elevator 4mm	D1004
Winged Elevator 5mm	D1041
Winged Elevator 6mm	D1042
Straight Root Tip Pick Used for assisting with extraction of retained root tips or root fragments. Straight Root tip pick - stubby handle	D1005 D1005S
Periosteal Elevator Used for elevating the muco-periosteal flap during extractions on large breed dogs. Periosteal Elevator - stubby handle	D1006 D1006S

iM3 Winged Elevators with Stubby Handle

The stubby handle elevators available as a 6 pc. set. See page 16

Cat. No

Winged Elevator 1mm — D1001SH

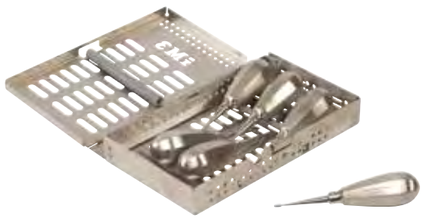
Winged Elevator 2mm — D1002SH

Winged Elevator 3mm — D1003SH

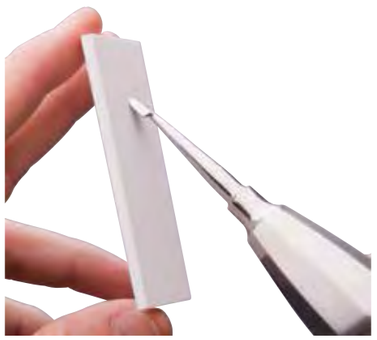
Winged Elevator 4mm — D1004SH

Winged Elevator 5mm — D1005SH

Winged Elevator 6mm — D1006SH



6 pc Stubby Handle Set includes
stainless steel instrument holder/case — D1044



iM3 Wedge Dental Sharpening Stone

A3110

The wedge sharpening stone has a flat surface with a radius on either side.
Dental hand instruments should be kept sharp and true to their original design. For best results, instruments should be sharpened after use.
This Arkansas stone should be used with water or oil.
Sharpening instructions included.

iM3 Luxators

Cat. No
D4500

iM3 Luxators, sizes 1-5mm are very fine and sharp. The 5 sizes allow their use for both feline and Canine teeth. They are used and recommended by dental specialist's for cutting the periodontal ligament and expanding the alveolus (tooth Socket) and are ideal for incisors and crowded teeth.
The stubby (shorter length and larger diameter) handle makes extraction so much safer as the users fingers can be placed at the instrument tip. Luxators are not elevators, we recommend winged elevators are used to elevate and extract the tooth.

5pc Luxator instrument set (1-5mm Stubby)

D4501 1mm Luxator (Stubby Handle)

D4502 2mm Luxator (Stubby Handle)

D4503 3mm Luxator (Stubby Handle)

D4504 4mm Luxator (Stubby Handle)

D4505 5mm Luxator (Stubby Handle)

Dr Loic Legendre at the AVDS dental workshop. Sponsored by iM3

Explorer/Measuring Probe

The probe end has periodontal markings etched in black.
The fine but robust tip is ideal for periodontal probing in cats or dogs. The markings will not fade even after many autoclave cycles. The other end of the probe has a shepherd hook explorer to detect tooth defects both supra and subgingivally.

Cat. No
D1010

Double Ended Periosteal Elevator

The periosteal elevator is used to lift a muco-periosteal flap off the bone when performing surgical extractions. The fine double-ended 2/4 periosteal elevator is great for cats and small to medium dogs.

Cat. No
D1011

Sickle Scaler

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.

Cat. No
D1009

Jaquette Supragingival Scaler

(Above the gum) The scaler is used to remove plaque and calculus from the tooth surface. It works well in tight occlusal spaces.

Cat. No
D1008

Subgingival Curette

(Below the gum) The curette is used to clean plaque and calculus from the tooth root surface.

Cat. No
D1007

Minnesota Retractor

Used to lift and protect the tissue and the user when performing surgical extractions whilst operating the high speed drill. One end holds the cheek back and the other holds the tongue down, a multi purpose retractor.

Cat. No
D1014

Tartar Removing Forceps

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

Cat. No
D1013

Extraction Forceps

Extraction forceps are used to grasp the tooth and remove from the socket after it is loosened. The small size and spring in the handle helps prevent excessive force and the risk of breaking the tooth. Overall length 125mm (5").

Cat. No
D1012

Root Tip Extraction Forceps

Root tip extractions forceps have grooved tips with fine curved ends that meet when closed. They are ideal for root extraction or as an alternative to regular extraction forceps (D1012).
6" / 150mm.

Cat. No
D3050

Fragment Extraction Forceps

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

Cat. No
D3060

Instruments Specially Designed for Felines and/or Very Small Dogs

Straight Tip Elevators
These super slim elevators are excellent for removing teeth in cats and small dogs. They are also useful in retrieving fractured roots. Tips can be sharpened using a dental stone.

Elevator 1mm
1mm wide straight tip elevator with stubby handle.

Cat. No
D2001

Elevator 2mm
2mm wide straight tip elevator with stubby handle.

Cat. No
D2002

Probe/Explorer
The probe end has periodontal markings etched in black.
The fine but robust tip is ideal for periodontal probing in cats or dogs. The markings will not fade even after many autoclave cycles. The other end of the probe has a shepherd hook explorer to detect tooth defects both supra and subgingivally.

Cat. No
D2003

Very Fine Periosteal Elevator
Double ended elevator. The small delicate flat ends of this instrument make it ideal for raising gingival flaps in cats. The rounded tip helps prevent accidental slippage and tearing of the gingival flap.

Cat. No
D2005

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

Cat. No
D2006

Sickle Scaler
This double ended hand instrument is used for the removal of supragingival (above the gum) plaque/calculus and stains.

Cat. No
D2007

Curette
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.

Cat. No
D2008

iM3 Extraction Forceps
Extraction forceps - small. These fine extraction forceps are designed to grasp small teeth. The spring action allows their use without excessive force being applied to the tooth crown. 125 mm

Cat. No
D2004

Instruments mentioned on this page are available as a set (Cat. No D2000).

Curved Deciduous Elevators
The curved deciduous elevators are ideal for the removal of retained canines (milk teeth) and are available in three sizes suitable for the different sized deciduous teeth encountered.
The sharp elevator end cuts the PDL whilst the curve of the elevator tip follows the mesial curve and the other end the distal curve of the root. Curved deciduous elevators make the removal of retained teeth quick and easy because they follow the curve of the root.

Curved Deciduous Elevator – Small (2mm)

Cat. No
D1016

Curved Deciduous Elevator – Medium (3mm)

Cat. No
D1017

Curved Deciduous Elevator – Large (4mm)

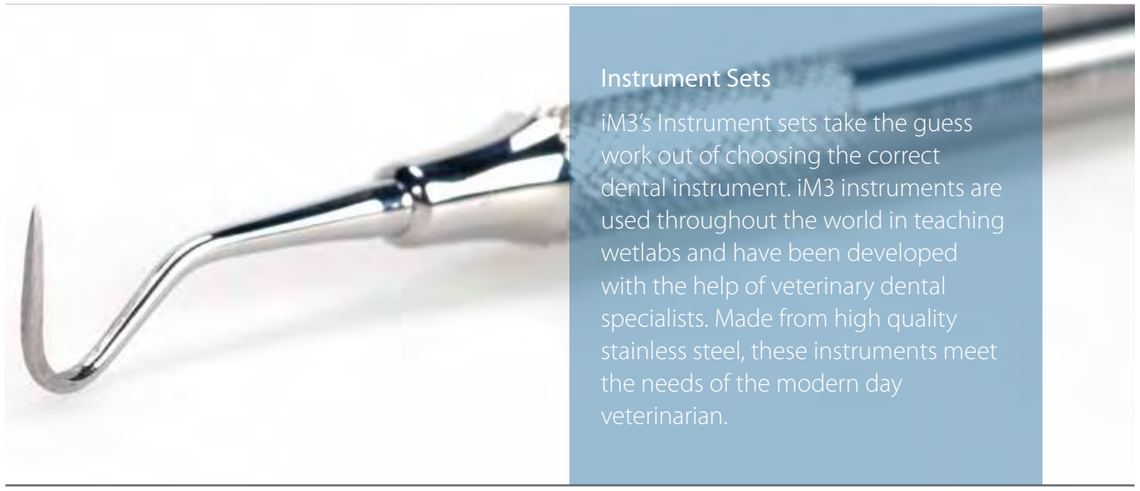
Cat. No
D1018

Molt Periosteal Elevator – No. 9
The rounded edge of the periosteal instrument minimise the tearing of tissue when lifting the gum flap. The sharp end makes the initial lifting of the flap easier. Suitable for medium to large dogs.

Cat. No
D1015

Small Dog or Cat Right Angle Extraction Forceps
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.

Cat. No
D1019



Instrument Sets

iM3's Instrument sets take the guess work out of choosing the correct dental instrument. iM3 instruments are used throughout the world in teaching wetlabs and have been developed with the help of veterinary dental specialists. Made from high quality stainless steel, these instruments meet the needs of the modern day veterinarian.

iM3 5 Piece Specialised Instrument Set

Cat. No
D1021

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

The set consists of:
Molt Periosteal Elevator - No 9
Curved Deciduous Elevator - small
Curved Deciduous Elevator - medium
Curved Deciduous Elevator - large
Extraction Forceps, right angled jaw

iM3 14 Piece Instrument Set, Standard Handle Elevators

Cat. No
D1000

The set consists of:
Winged elevators Size 1-5mm
Straight root tip pick
Tartar Removing Forceps
Extraction Forceps
Minnesota Retractor
Subgingival Curette
Jaquette Supragingival Scaler
Sickle Scaler
Explorer / Measuring Probe
Double ended Periosteal Elevator
Each instrument is available individually

iM3 14 Piece Instrument Set, Stubby Handle Elevators

Cat. No
D1100

The set consists of:
Winged elevators Size 1-5mm
Straight root tip pick
Tartar Removing Forceps
Extraction Forceps
Minnesota Retractor
Subgingival Curette
Jaquette Supragingival Scaler
Sickle Scaler
Explorer / Measuring Probe
Double ended Periosteal Elevator
Each instrument is available individually

www.im3vet.com

iM3 4 Piece Winged Elevator Set

iM3 Winged Elevator sizes 1-4 mm in standard handle, supplied in a black pouch. Each elevator is available individually.

Cat. No
D1038

Standard Handle Set

iM3 4 Piece Winged Elevator Set

iM3 Winged Elevator sizes 1-4 mm in stubby handle, supplied in a black pouch. Each elevator is available individually.

Cat. No
D1039

Stubby Handle Set

iM3 6 Piece Winged Elevator Set

iM3 Winged Elevator sizes 1-6 mm in standard handle, supplied in a black pouch. Each elevator is available individually.

Cat. No
D1048

Standard Handle Set

iM3 6 Piece Winged Elevator Set

iM3 Winged Elevator sizes 1-6 mm stubby (shorter length and larger diameter) handle. The stubby handle makes extraction so much safer as the user's finger can be placed at the instrument tip. The new handle design is ideal for small or large hands. Supplied in a black pouch. Each elevator is available individually.

Cat. No
D1049

Stubby Handle Set

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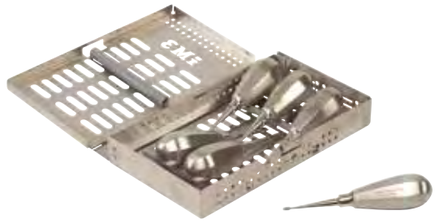


iM3 6 Piece Winged Elevator Set

iM3 Winged Elevator sizes 1-6 mm stubby (shorter length and larger diameter) handle. The stubby handle makes extraction so much safer as the user's finger can be placed at the instrument tip. The handle design is ideal for small or large hands. The set is supplied in a stainless steel autoclavable instrument holder/case. Each elevator is available individually.

Cat. No
D1044

Stubby Handle Set incl. stainless steel instrument holder/case

D4100 Pictured

iM3 12 piece Extraction Set - Updated

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

Cat. No
D4000

The set consists of:
D1001SH - D1006SH (1-6mm Stubby handle winged elevators)
D1011 Periosteal elevator double ended 2/4
D1012 Extraction Forceps Universal
T1000 Needle holders – Mayo Hegar
T1200 Tissue forceps – Adson Brown
T1300 La Grange Scissors, curved, one serrated blade
T1400 Scalpel blade holder with round ergonomic handle
D1043 Supplied in stainless steel autoclavable instrument cassette.
20.5 x 12 x 3cm

NEW

iM3 13 piece Extraction Set

The set consists of the same 12 instruments listed above and in addition to :
T1500 Curved Blunt Suture Scissors

The 13pc set is supplied in a large stainless steel autoclavable cassette
20.5 x 16.5 x 3cm

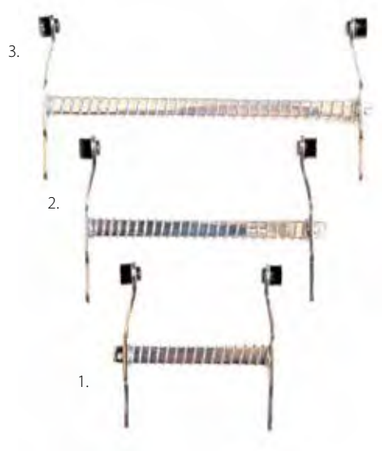
Cat. No
D4100

iM3 Feline 8 Piece Instrument Set

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 (including detection of feline resorptive lesions) and cleaning of all tooth surfaces – both supra and subgingivally. All instruments are available individually.

Cat. No
D2000

The set consists of:
1 mm Wide Straight Tip Elevator,
2 mm Wide Straight Tip Elevator
Probe/Explorer
Extraction Forceps
Periosteal Elevator
Resorptive Lesion Probe
Sickle Scaler and Curette.



iM3 Stainless Steel Mouth Gags

Unlike other (heavy duty spring-loaded) mouth guards that tend to overextend the temporomandibular joint, the iM3 designed mouth guard 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 reduces the risk of myalgia, neuralgia, and/or trauma to the temporomandibular joint.

	Cat. No
iM3 Mouth Gag - 5 cm opening (1)	D1023
iM3 Mouth Gag - 8 cm opening (2)	D1024
iM3 Mouth Gag - 12 cm opening (3)	D1025
iM3 Mouth Gag 3 piece set	D1040

Don't confuse our Veterinary specific mouth gags for these heavy duty monsters!

Needle Holders with Tungsten Carbide Jaws

Cat. No
D3000

Designed for multiple tasks and ideal for wiring jaws or orthopaedic work.
The strong but fine jaws have tungsten carbide inserts for wire cutting.

Scalpel Blade Holder - Round 13cm (5¼")

Cat. No
T1400

The iM3 scalpel holder with tapered round handle is ergonomically designed (shaped like a pen) providing greater control during use. Size 3 handle.

Autoclavable Instrument Trays

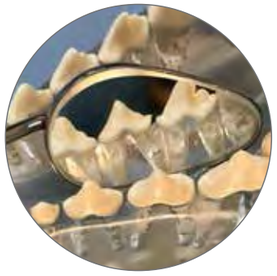
Autoclavable to 135º C.

	Cat. No
Instrument Tray 95 mm x 195 mm (1)	D1020
Instrument Tray 340 mm x 245 mm. Has 10 drilled bur holes (2)	D1036
Stainless steel instrument holder/case 205 mm x 120mm x 30 mm (Excl. instruments) (3)	D1043
Large Stainless steel instrument holder/cassette 205 x 165 x 30mm (4)	D1096

Anti-Fog Safety Glasses

Cat. No
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.



Dental Examination Mirror

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

Cat. No
D1080

Lip Retractor

The lip retractor is designed to hold the lip out of the way providing better accesses to the oral cavity during dentistry. The lip retractor removes the need for a second set of hands to hold the lip out of the way, 2 retractors may be required for a large dog. The lip retractor is suitable for all sizes of animals and is autoclavable.

Cat. No
D1085

For large jowled breeds, using 2 lip retractors makes seeing your work site a breeze!

Oral curettes

D1086 Oral Curette double ended small (Feline & Canine)

Cat. No
D1086

D1087 Oral Curette double ended Med - Large (Canine)

D1087

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

DoxiProbe

The new DoxiProbe was designed (by Drs. Paul Mitchell and Randi Brannan, both AVDC diplomates) to aid in detecting and treating periodontal pockets. The probe measures pocket depth and the lattened, paddle-like end helps place Doxirobe in the prepared pocket.

Cat. No
D1095

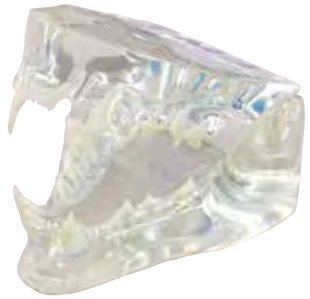
www.im3vet.com

Leporidae Skull Model

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 card is double sided and shows the location of the nasolacrimal duct. The other side shows teeth location, name and numbering for easy identification.

Cat. No
D1070

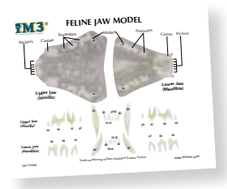
Model size 9cm x 4.5cm x 5.5cm (3 1/2" x 1 3/4" x 2.2")
Card size 16.5cm x 13cm (6 1/2" x 5 1/4")



Feline Clear Jaw Model

Model size 7 cm x 5 cm x 3 cm (2 3/4" x 2" x 1 1/8")
Card Size 16.5 cm x 13 cm (6 1/2" x 5 1/4")
Included with the model is a plastic educational card showing the tooth and root location as well as the triadan numbering system for easy identification.

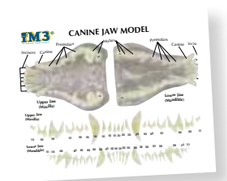
Cat. No
D1050

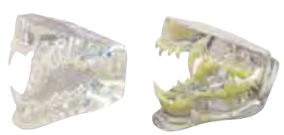


Canine Clear Jaw Model

Model size 12 cm x 7 cm x 5 cm (4 3/4" x 2 3/4" x 2)"
Card size 16.5 cm x 13 cm (6 1/2" x 5 1/4")
Included with the model is a plastic educational card showing the tooth and root location as well as the triadan numbering system for easy identification.

Cat. No
D1055





Feline and Canine Set

Set includes both the Feline and Canine models pictured above.

Cat. No
D1060

www.im3vet.com

Quick Guide for iM3 Burs

Friction Grip (FG) burs
Normally used in high speed handpieces. FG burs have a “rounded end” and fit all standard high speed handpieces. Maximum speed 400,000rpm.

Right Angle (RA) 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 electric micromotors and low speed air driven handpieces. 20,000 - 30,000 RPM. Please note that these burs do not fit into iM3 high speed handpieces.

Friction Grip (FG) Surgical Length Burs
These burs are 25 mm long and suitable for use in LED Advantage high speed handpieces. The extra length provides greater access in larger mouths.

Round Burs
Round burs are used for removing bone, drilling holes and pulverizing roots.

Crosscut Taper Fissure Burs
These burs are used for sectioning teeth.

HP Burs
These burs are suitable for rabbit dentistry and orthopaedics. HP bur shanks are 44.5 mm long, providing the extra length needed for use in large companion or domestic animals and exotic animals. HP burs are used in the low speed handpiece fitted with a 1:1 straight nose cone. These large burs can drill through thick bone for surgical, orthopaedic and endodontic work.

iM3 recommends disposing of dental burs between each patient to reduce turbine wear of the high speed handpiece.

Actual Size
FG Plain Round Bur

Actual Size
FG Crosscut Taper Fissure Bur

Actual Size
FG Surgical Length Bur

(1)

iM3 Burs

The iM3 bur kits are autoclavable and have an illustration of the bur head and reorder code. Each kit comes with a card suggesting the use for various burs in the kit. iM3 offers a complete range of dental burs sold individually in packets of 5 burs.

FG Bur Kit – Canine

Cat. No
D7510

The canine bur kit comes with an assortment of FG burs 19mm long. The selected burs meet the various requirements of a veterinary clinic and are used in the high speed handpiece. (1)

(2)

FG Bur Kit – Feline

These short shank burs 16 mm are preferred for use in the confines of the feline oral cavity. This kit contains an extra fine diamond bur for smoothing neck lesions (CLL's, FORL's). (2)

D7530

(3)

HP Bur Kit

HP bur shanks are 44.5 mm long, providing the extra length needed for use in large companion or domestic animals and exotic animals. HP burs are used in the low speed handpiece fitted with a 1:1 straight nose cone
The handpiece, SNC 1:1 and HP bur can be autoclaved. These large burs can drill through thick bone for surgical, orthopaedic and endodontic work. (3)

D7540

(4)

RA Bur Kit

These right angle burs have a 22mm long shank and a small notch at the end of the shank for locking the bur in place. These burs are commonly used in electric micromotors and low speed air driven handpieces. 20,000 - 30,000 RPM. (4)

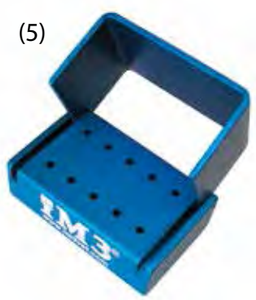
D7520

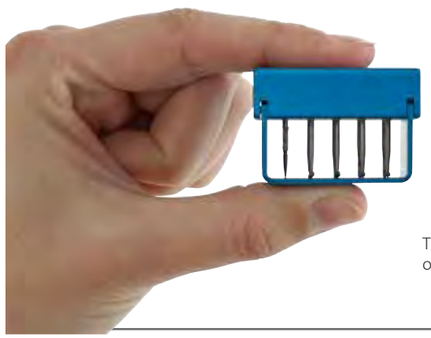
Bur Holder excl. Burs

Autoclavable aluminium bur holder for 10 FG burs. (5)

D7500

(5)





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

www.im3vet.com

iM3 Dental Bur Chart

Friction grip (FG) burs are normally used in high speed handpieces. iM3 recommends disposing of burs between each patient to reduce turbine wear of the high speed handpiece.

ACTUAL SIZE

Size	1/4	1	**2**	**4**	**6**	8
FG Ordering Code	D7910	C9050	C9080	C9110	C9140	D7930

FG Plain Round Bur

Pack of 5 autoclavable burs.
For removing bone, drilling holes and pulverizing roots.

iM3 recommends size 2 & 4 for cats and small dogs and size 4 & 6 for larger dogs.

ACTUAL SIZE

Size	**699**	701	**701L**	702	**702L**	703	703L
Ordering Code	D8012	C9320	C7010	C9350	D7810	C7030	C4450

FG Crosscut Taper Fissure Bur

Pack of 5 autoclavable burs.
For sectioning teeth.

iM3 recommends size 699 & 701L for cats and small dogs and size 702L for larger dogs.

ACTUAL SIZE

Size	1/2	2	4	6	701L	702L
Ordering Code	D7916	C9085	C9115	C9145	C7015	D7815

FG Surgical Length Burs

Pack of 5 autoclavable burs.
The extra length provides greater access in large mouths.

These burs are 25mm long and only suitable for use in the L5100/L5200/L5300 LED Advantage high speed handpiece.

ACTUAL SIZE

Size	4	6	8	Taper	Football
Ordering Code	D7040	D7060	D7080	D7091	D7095

iM3 FG Diamond Assorted Bur set – 5pc

Cat. No
D7560

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 1 x size 4, 6 and 8 plain round and 1 x round end taper and football bur.

All iM3 diamond burs are available individually in a pack of 5.
See order codes below.

www.im3vet.com

iC Plaque

The iM3 iC Plaque Disclosing Swabs show when plaque is present on the teeth. These applicators are quick and easy to use. By simply rolling the swab gently across the teeth at the gum edge the plaque stains pink to indicate germ-filled layers on the teeth. This is a visible sign of periodontal disease. And it's there, simple and easy for your client to see.

iM3 iC Plaque, 72/pk

Cat. No
H1001

- Plaque Indicating Swabs
- Plaque is the cause of periodontal disease
- Plaque is invisible until stained
- Highlights the areas where plaque is present – you will be suprised by how much plaque is present!
- It is a helpful tool in painting a picture of the animal's oral health for the owner
- Useful when scaling the animal's teeth to ensure that all the plaque has been removed during the procedure
- Saves time scaling by indicating plaque and calculus on the teeth
- Will increase dental procedures within the clinic
- Quick and easy to use
- Excellent training tool
- Convenient dispenser box

CLS Solution 250ml concentrate

CLS is a uniquely formulated dental solution designed to reduce bur cutting time and mask mouth odours (spearmint). CLS contains chlorhexidine and can be used in the water supply of any dental machine or ultrasonic scaler. CLS is guaranteed when used at the correct dilution with distilled water not to block the water lines or coolant system. Easy to mix - just add distilled water to make 1L of working solution.

Important Note:
Products containing chlorhexidine may cause oedema with prolonged oral use. Pack the back of the throat to minimise this risk.

CLS Solution 250ml concentrate - single C3150

CLS Solution 250ml concentrate - 6 pack

iM3 Oscillating Disposable Prophy Angle, 100/pk

Cat. No
L7465

Rock and Roll prophy angles are complete, ready to use with a soft rubber prophy cups. The R&R's are pre-lubricated and iM3's unique blue colour is your guarantee of the prophy angle lasting a complete procedure. The 90^0 reciprocating 'back and forth' action of the prophy cup prevents the animals 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. Traditional prophy angles spin 360 deg, wind muzzle hair and generate excessive heat.

Guaranteed not to catch hair or whiskers!
Also reduces heat/friction

iM3 Twister Disposable Prophy Angle 100/pk

Cat. No
L7460

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 deg during use. Single use only.

iM3 Twister Disposable Prophy cups – Snap on 100/pk.

Cat. No
P4640

iM3 replacement disposable snap on prophy cups, can be used on the iM3 L7465 Oscillating Disposable prophy angles. The soft grey cups are latex free and designed to be single use only.

iM3 iClean Prophy Paste

Cat. No
L7510

iClean R&R polishing paste has been specially formulated for use with iM3 R&R oscillating disposable prophy angles. The oscillating action requires a slightly coarser paste than conventional polishing heads. Convenient to use, individual cups help reduce cross contamination and minimise the transfer of viruses between animals. Won't splatter and does not contain flavour oils or fluoride. Packaged in a convenient bag of 100 individual units with finger holder supplied.

iClean R&R Prophy Paste, Med Grit, no Fluoride – Bag of 100 x 2g individual units complete with finger holder

iM3 iClean Prophy Paste, 255 g Tub

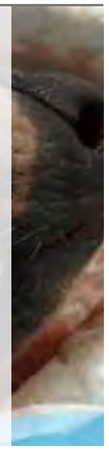
Cat. No
L7500

A fine grit prophy paste with Fluoride and fruit flavour (smells like bubblegum)
iClean R&R polishing paste has been specially formulated for use in animals.
The fine grit paste is suitable for all polishing cups.
Adequate dental polishing is a must!

iClean Prophy Paste with Fluoride, Fine Grit,
Fruit Flavour (smells like bubblegum) – 255g 9oz Tub

Why iM3 LED light?

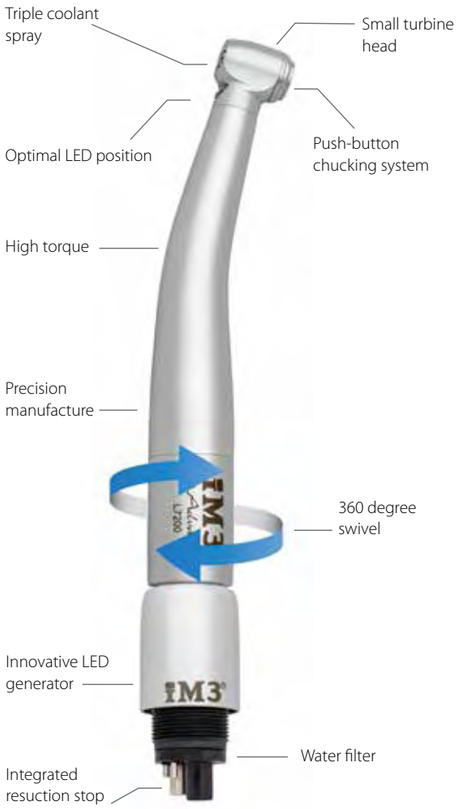
With a colour temperature of 5,500 K the iM3 LED Advantage hand piece produces a radiation spectrum that corresponds to daylight. The high colour rendering index (CRI 90) of the LED enables relaxed work thanks to daylight quality light and provides exceptional reproduction of natural colours and clear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



Reliable – Efficient – Precise – iM3 Advantage

Excellent ergonomics

Fatigue -free working thanks to easy 360 degree rotation of the turbine on the coupling, low overall weight and slender design. Unique handpiece design allows component replacement on site by the user



LED Advantage Swivel High Speed Handpiece

Cat. No L7300

New Midi head provides greater access in small mouths, with all the advantages of the iM3 LED handpieces

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

The L7300 includes the L2700 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

Simple bur changing

Easy operation of the push button or iM3 yellow iPush

Precision cooling

The triple spray cools the treatment site from all sides

Patented hygenic head system

Prevents aerosol particles from being sucked into the turbine

Replaceable water filter

Prevents dirt particles from entering the turbine

LED Advantage Swivel High Speed Handpiece

Cat. No L7200

Ideal for clinics who want multiple LED handpieces. This handpiece is powered by the L7400 LED swivel coupling (sold separately)

LED Advantage Swivel Coupling

Cat. No 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

Advantage handpiece + LED coupling with generator = independent light. The intergration of a generator in the swivel coupling (7400) gives you a low-cost option of having multiple LED handpieces (L7200) sterilizable up to 135 degrees celsius

iM3 NEW Advantage High Speed Handpiece - Non LED

Cat. No L7100

- Triple Coolant outlet for optimal bur cooling
- Push button operation
- Patented turbine design eliminates bacterial/viral suck back
- Replaceable water filter prevents dirt particles from entering turbine
- Autoclavable
- Supplied with yellow iPush for easy bur changing
- 1 year complete handpiece warranty. Longest turbine and chuck warranty in the industry!

iPush Tool

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

	Cat. No
iPush Tool, black (fits Cat. No L5200, L5300)	L7000
iPush Tool, yellow (fits Cat. No L5200S, L5300S, L7100, L7200)	L7050

For L5200 and L5300

For L5200s, L5300s, L7100 and L7200

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

iM3 Advantage Low Speed Motor

Cat. No
L6200

Advantage low speed motor ergonomically designed to be more user friendly.
The motor is light weight and shorter than conventional low speed motors.
Maximum speed 25,000rpm.

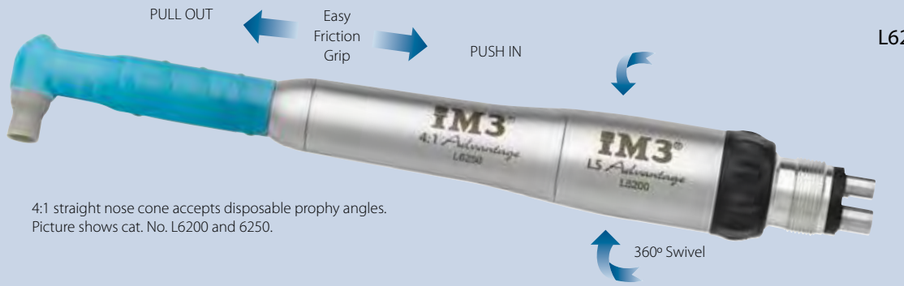
- Complete 1 year warranty, including turbine
- The LS motor will fit any 4 hole connection
- Autoclavable

Low speed motor with adjustable forward and reverse also available — L6980

iM3 Advantage 4:1 Straight Nose Cone

Cat. No
L6250

- Reduces the polishing speed
- Does not require a chuck ring. Fitting a R&R oscillating prophy cup is as simple as pushing it on!
- The Advantage 4:1 SNC will fit any Low Speed Motor
- Autoclavable, 1 year warranty
- Suitable for use with iM3 R&R prophy angles.



4:1 straight nose cone accepts disposable prophy angles.
Picture shows cat. No. L6200 and 6250.

L6200 + L6250

Low Speed Motor With Internal Water

Cat. No
L2010

Standard 4-hole connection
Internal water supply when connected to a dental machine with LS water.
Suitable for running contra-angle and straight handpieces with internal water.
Forward/reverse and speed adjustable.
Autoclavable 135 Deg C.

4:1 LED Slow Speed Contra-angle

Cat. No
L2002

Self generating LED light with internal water.
Connects to any air driven or electric Low Speed motor.
Single coolant spray, head size diameter 10.1mm
4:1 speed reduction (Green)
Push Button chuck system, accepts all RA Burs
Use with (L2010) LS motor with internal water
Autoclavable 135 Deg C.

1:1 LED Slow Speed Contra-angle

Cat. No
L2004

Self generating LED light and internal water.
Connects to any air driven or electric Low speed motor.
Single coolant spray, head size diameter 10.1mm
1:1 - no speed reduction (Blue)
Push Button chuck system, accepts all RA Burs
Use with (L2010) LS motor with internal water
Autoclavable 135 Deg C.

1:1 Slow Speed Contra-angle

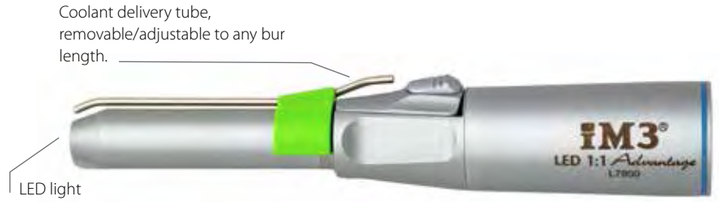
Cat. No
L2007

No internal water or LED.
Connects to any air driven or electric Low speed motor.
1:1 - no speed reduction (Blue)
Push button chuck system, accepts all RA Burs.
Use with standard iM3 LS motor L6200.

1:1 LED Surgical Straight Nose Cone - Redesigned

Cat. No
L7800

- The 1:1 LED Advantage fits any low speed motor or electric micromotor
- Self generated LED bright 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, removable/adjustable sterile coolant to any bur length
- Ideal for rabbit dentistry and orthopaedic work.
  Autoclavable. Takes HP burs and 3/32" drills



"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

iM3 Straight Nose Cone 1:1

Cat. No
L6860

Straight Nose Cone 1:1 ratio (blue) uses HP Burs for rabbit and orthopaedic work.
Ideal for grinding molar teeth in rabbits using long HP diamond burs.
Fits any Low Speed air motor or electric micromotor.
1:1 means no speed reduction.
Autoclavable

iM3 Advantage Handpiece Oil – 30 ml

Cat. No
MD30

- Intelligent oil and short maintenance intervals = 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 etc.
- All iM3 Advantage handpieces must be lubricated with MD-30

F1 Advantage Handpiece Oil - Aerosol

MD400

Spray Cap

MD4010

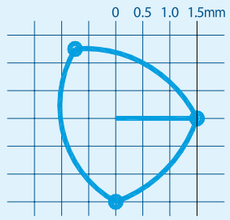
for High Speed and Low Speed Handpieces

Spray Cap

MD4020

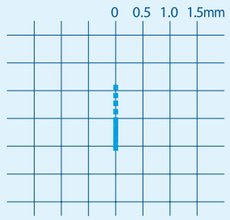
for 1:1 SNC LED and Low Speed Attachments

The Ultrasonic difference - Amplitude, Frequency and Tip Motion.



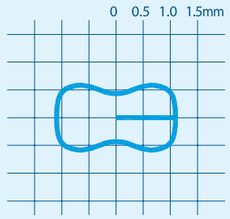
Early Technology

Sonic
0.5-1.5mm
1,600-6,800 Hz



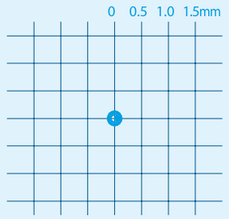
Current Technology

Piezoceramic
0.2-0.6mm
25,000-38,000 Hz



Previous Technology

Magnetostrictive
Metal Stack
0.8-1.1mm
25,000-30,000 Hz



Current Technology

iM3 42-12
Ferro-
Magnetostrictive
0.01-0.02mm
42,000 Hz

Smaller tip motion (movement) means less enamel damage.

42-12 Ultrasonic scaler (42,000 cycles) iM3

The 42-12 scaler is unique as it uses the high ultrasonic frequency to remove the plaque and calculus not the physical scraping of the tooth as do the scalers mentioned above. The 42-12 tip is totally round and rotates in a circular motion 0.02mm 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 13mm.
The big advantage of the 42-12 is the speed at which a prophylaxis can be preformed and the ability to use safely subgingivally.
Many users report that scaling time is reduced by half when compared to previous scalers used.

Not all ultrasonic scalers are the same!

> A survey of 4737 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

Unlike other ultrasonic tooth scalers that use a "jack hammer" approach to tooth scaling, the 42-12 adopts a more gentle technique with its revolutionary rotational tip movement, and ultrasonic removal of the plaque and calculus.

Lightweight handpiece with finger on/off control

42-12 Ultrasonic Scaler

Cat. No
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 42,000Hz, 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 troublesome foot control altogether
- The rotational tip movement and high ultrasonic frequency create a fine coolant mist which is adjustable
- 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 3-4 times longer than stainless steel scaler tips
- Autoclavable handpiece and tips

> 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

	Cat. No
Ferrite Rod For the iM3 42-12 Scaler Tip Insert	O6860
Universal Tip	O6840
Perio Tip	O6850
Thinline straight tip is ideal for felines and small mouths.	O6845

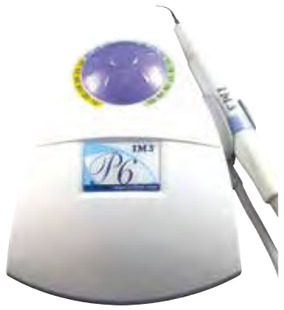
Tip Wear Guide

Use the 42-12 Ultrasonic Scaler Tip Wear Guide to check whether your ultrasonic scaler tip needs to be replaced.

1. Tip wear will significantly reduce scaler performance as it will alter the ultrasonic frequency.
2. The ferrite rod must be tight – a loose or broken rod will cause poor or no vibration.
3. A correctly functioning tip used on a power setting of 3-4 lights will produce a coolant mist around the tip.

Piezo Ultrasonic scaler (30 – 38,000 cycles)

Piezo ultrasonic scalers have more power and generate less heat than cavitron style scalers. The tip action is linear and the movement of the tip is used to remove plaque and calculus by physically scraping the tooth's surface. The tip should never be used on its point as it will work like a jackhammer (wood pecker) and create a hole in the tooth. The main disadvantage of the Piezo is still the heat generated, enamel damage and the limitations of scaling 1-2mm safely subgingivally.



iM3 P6 Piezo Ultrasonic Scaler

Cat. No
U2100

The newly designed Piezo P6 dental scaler is compact in size and high in quality.
The P6 is designed and manufactured to meet the most demanding scaling environment.
System is portable and lightweight weighing only 3.52 lbs; it comes with a built in power setting dial (1-20) that allow users to set power output at their desired level of operation.
Both the handpiece and tips are autoclavable and Satelec® compatable.

Technical specifcations are as follows:

- Power Supply: Available in either 115Volts or 230 Volts - Working Freq.: 30,000 Hz (cycles) individual stand alone unit.
- System includes 4 tips and 1 tip wrench.
  - Connects directly to the water system of any iM3 air driven dental machine.
- Pump up water tank with fittings available for stand alone use.
- Dimension: 7.68"(L)x3.38"(W)x3.27"(H) - Weight: 3.52 lbs.
- Warranted, sold and serviced by iM3.

iM3 P6 LED Piezo Ultrasonic Scaler

Cat. No
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 keeping the LED light on after you release your foot from the control pedal keeping the working area illuminated. The system includes 4 scaling tips that are autoclavable.

Replacement Piezo Scaling Tips Suitable for P4 and P6 Piezo (BS)

1. BS-1 Pointed tip (recommended)	iM3 Code U2002
2. BS-2 Square Tip	iM3 Code U2013
3. BS-3 Round tip	iM3 Code U2014
4. BS-P Perio Tip	iM3 Code U2015

Cavitron Style Scaling Tip Insert 25k - Universal

Cat. No
C2500

iM3 Ultra LED

Cat. No
U8000

The new iM3 Piezo ultrasonic scaler with LED light technology has been designed for use in the areas of scaling, periodontology, endodontics, and micro-preparation. Thanks to the Ultra LED Piezo Scaler, you can be sure to achieve the best results in all applications.

The ergonomic design of the handpiece and the light weight make it possible for you to work for longer without becoming tired. The handpiece itself can be disinfected and sterilized.

Your advantages at a glance

- Allows you to work in daylight quality light
- Reflects the animals tooth colour exactly
- Allows you to see contrasts much better
- LED ring with 5 light emitting diodes that remain on for 30 seconds to assist with oral examination
- Ergonomic design
- Perio and universal scaling tips and holders supplied
- Inclusive water filter
- Handpiece is sterilizable up to 135 °C
- Tip changer and tip cards included
- 2 year warranty with unlimited iM3 support.

> "I have been using the new Ultra LED piezo ultrasonic scaler for several months now. It is a very powerful and efficient scaler. I find the LED function especially helpful in the hard to see and reach areas of the mouth, the areas such as the back molar areas."
>
> Erik Christensen, CVT
>
> *Arizona Veterinary Dental Specialists*

Handpiece

The Ultra LED handpiece is impressive due to its lightweight, ergonomic design and an LED ring made up of 5 light emitting diodes. The easy to dismantle handpiece, including the LED ring is sterilisable.

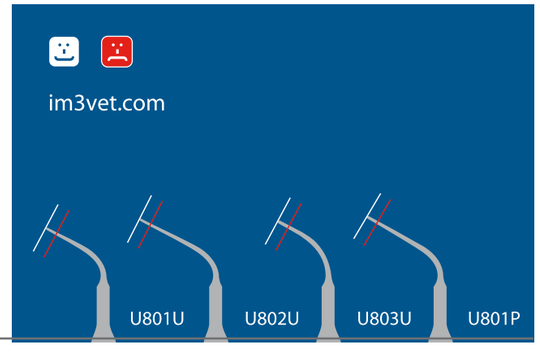
5 LEDs

Light emitting diodes (LEDs) result in robust, sterilisable light that barely heats up and are shock-resistant. LED's last much longer than traditional light sources.

3 universal and 1 perio tips are available for the Ultra LED scaler. The tip wear guide is provided free of charge and helps identify a worn tip that needs replacing.

Replacement Ultra LED Scaling Tips

U801U	Universal Tip, suitable for coarse depuration of supragingival calclus
U802U	Universal Tip, for fine depuration of supravingival calclus
U803U	Universal Tip, to remove supragingival calcus, suitable for interdental cleaning
U801P	Perio Tip, removal of subgingival deposits



A major advancement in tooth extraction brought to you by iM3!

Vet-Tome

> "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 Vet-Tome improves the tooth removal process for both vets and their patients by providing greater control during extractions. The Vet-Tome is an automated periotome that offers extremely precise tooth extraction with minimal or no alveolar bone loss.

The surgery is often flapless so the animal experiences reduced pain and swelling. This translates to less time spent extracting teeth and faster recovery time for the animal.

Normal evaluation and closure of the alveolus may still be required after extraction.

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

iM3 is excited to launch the new Vet-Tome, an automated periotome with foot pedal operation that offers precise tooth extraction with minimal or no alveolar bone loss and less trauma. The electric Vet-Tome uses replaceable ultra-thin stainless steel tips/blades coupled with the mechanical in and out action generated by the handpiece to cut the periodontal ligament similar to a luxator (hand instrument). The mechanical action and thin flexible blade allows easy insertion into the periodontal ligament (PDL) and alveolus (tooth socket) coupled with the side to side movement by the operator cutting the PDL.

The Vet-Tome will not work for periodontal ligaments that are mineralized, i.e. it won't go through mineral/bone, but it does an excellent job on the canine teeth (and others) which can be very hard, especially lower cat canine teeth which can lead to jaw fracture. The Vet-Tome is not a replacement for good extraction technique and flap preparation but certainly a must have for any veterinary clinic preforming routine extractions.

V2000 Vet-Tome extraction system — Cat. No V2000
Complete with 2 standard and 2 heavy S/S tips.

V2001 Vet-Tome standard flat tip – V1 — V2001
(5 pack) 37mm long

The Vet-Tome standard flat tip is a thin blade designed to follow (bend and curve) the tooth root and cut the periodontal Ligament.

V2002 Vet-Tome Heavy tip – V2 — V2002
(5 pack) 40mm long

The Vet-Tome heavy tip is thicker and slightly longer than the standard tip (V2001) designed to be more robust and therefore last longer. The disadvantage of the heavy tip is it does not bend and curve and should only be used on straight tooth roots.

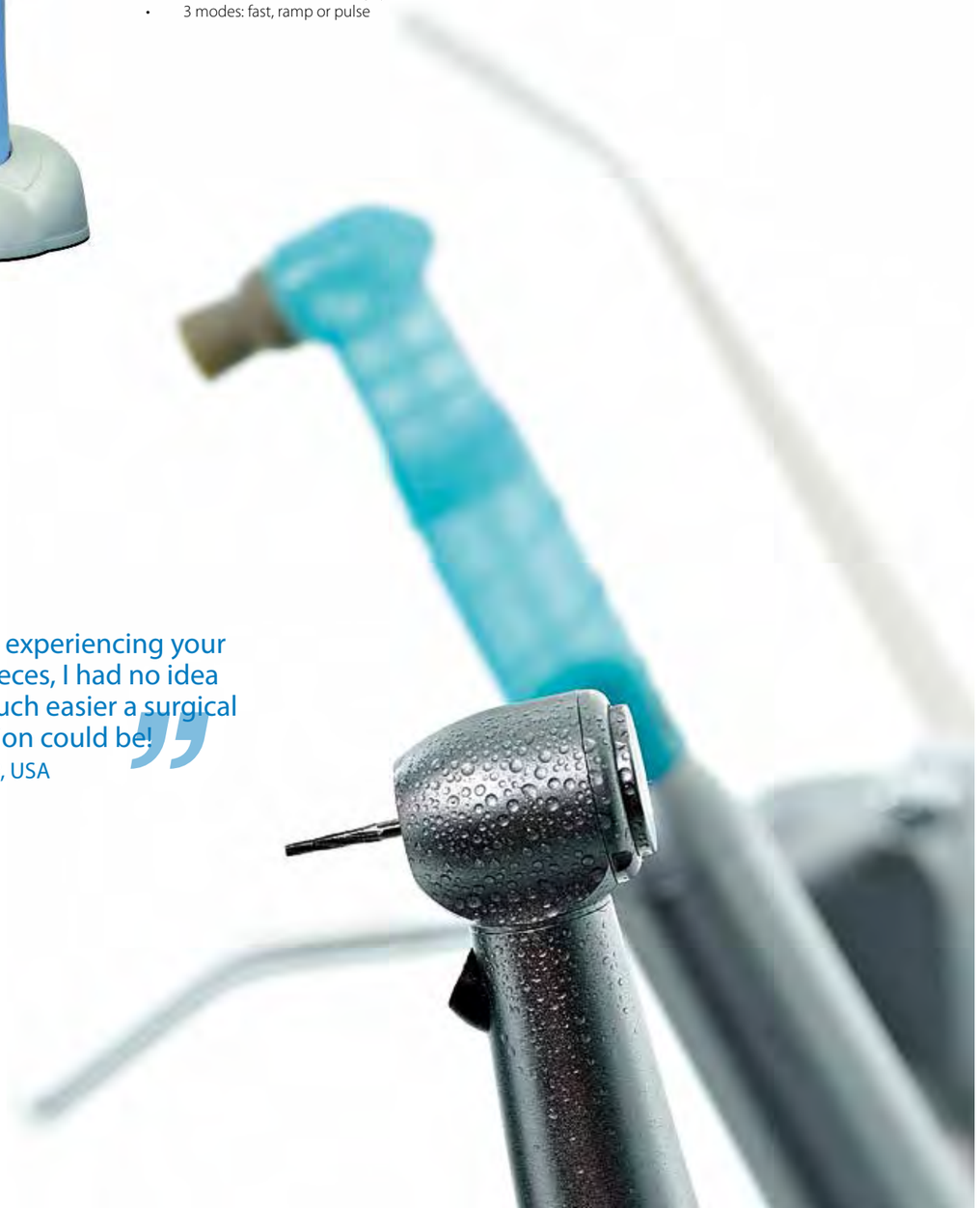
LED Curing Light

Cat. No
L6000

New Generation Fiber Type LED Curing Light
Efficient, Powerful and Reliable

Our new generation Fibre Optic LED curing light features a lightweight, ergonomic handle, designed to ensure easy access to the oral cavity. Most importantly this unit can be battery (cordless) or electrically operated and able to be conveniently located chair side.

- Cordless curling light with rechargeable base
- Can be used with power sourse connected directly to HP
- Light intensity 1000x/cm
- 450-470 Wavelength
- Weight 70g, 220mm in length
- Depth of cure, 3mm/10 seconds
- Long Use-life LED, 50,000 hours
- Compatble with all bonding systems
- 3 modes: fast, ramp or pulse



> "Prior to experiencing your handpieces, I had no idea how much easier a surgical extraction could be!"
> iM3 USER, USA

iM3 PL3 polisher

Cat. No
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 of 0 to 30,000 RPM. The PL3 comes equipped with Automatic Feedback Control and powerful torque.

The iM3 PL3 Includes; Micro-motor, iM3 1:1 straight nose cone, foot pedal and 10 iM3 oscillating disposable prophy cups and paste.

- Dimensions (L x W x H): 19.2cm x 15.5cm X 8.5cm
- Hand piece cable length: 2.5m
- Max Polisher Speed: 30,000 RPM
- iM3 HP dental Burs and contra attachments available
- Warranted, sold and serviced by iM3.

iM3 SP6 P6 Piezo Scaler and Micromotor

Cat. No
L4300

The iM3-SP6 combines the latest Piezo P6 technology and micromotor in a compact user friendly design. The power setting for both the scaler and micromotor are easily adjusted via the digital LCD display and the micromotor rotates up to 30,000 rpm. The iM3-SP6 is supplied with a 1:1straight 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.

HP burs available from iM3 can be used in the straight nose cone for cutting and sectioning teeth.

iM3-SP6 is supplied with:

- 2 universal scaling tips
- Footpedal control on/off
- Micromotor with E fitting
- iM3 1:1 straight nose cone (Blue) starter polishing pack including prophy angles and paste, water line with male QD connector.

Optional

Pump up water tank with fittings for standalone use is available from iM3.

Cat. No
U2010

iM3 GS Deluxe Dental Unit

The GS Deluxe is a complete dental system with endless surgical options.

An optional 1:1 SNC with or without light can be fitted. These attachments accept a wide range of HP burs and have a variety of uses.

The GS Deluxe can be upgraded at a later stage to include LED light on the high speed handpiece - a must for veterinary dentistry!

The GS Deluxe dental machine has a two bottle coolant system. The clear bottle is filled with distilled water, while the brown bottle protects the UV light-sensative CLS solution. CLS will help minimise cross contamination when used between patients. The spearmint smell will mask mouth odours.

iM3 GS Deluxe (non LED) with oil free compressor — Cat. No U3012

Features and Benefits of the iM3 GS Deluxe Dental Unit

The GS Deluxe is a complete dental system. It includes a quality push button high speed handpiece with water cooling for fast sectioning of teeth, a 3-way air water syringe with the ability to select either water or CLS, and a low speed handpiece for polishing using iM3 R&R oscillating prophy angles that wont wind up muzzle hair.

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 for easy application of chlorhexidine into the mouth during dental procedures.

The Advantage High Speed handpiece (non LED) has a triple coolant spray for improved cooling of the treatment site and removal of debris. the handpiece features a patented hygenic head system preventing aerosol particles from being sucked up into the turbine. The handpiece rotates at up to 400,000 RPM making it ideal for the fast sectioning of teeth.

The machine features a four way IEC power outlet with switched IEC mains inlet.
A spare IEC power cord is supplied with the dental machine so your existing or new ultrasonic scaler can be connected. This reduces the number of power cords on the floor.

All iM3 dental units have the maintenance instruction printed on the back of the machine. As staff turnover may occur in the clinic these instructions can be easily referenced to make sure adequate maintenance is being carried out.

Stainless steel instrument tray provides the added storage and the ideal location for your iM3 dental instruments in an autoclavable tray. The stainless steel instrument tray is height adjustable and removable.

Blue autoclavable iM3 instrument tray not included.

iM3 GS Deluxe (non LED) with oil free compressor — **Cat. No** U3012

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.

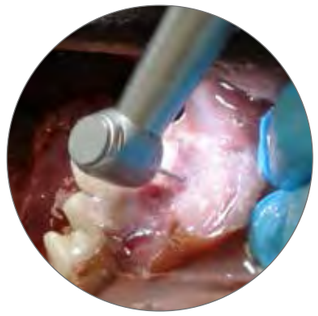
Quality handpieces coupled with a 5 year dental machine and oil free crompressor warranty provides peace of mind.

Stainless steel adjustable height instrument tray.

LED Advantage Swivel High Speed Handpiece. Excellent ergonomics.

Oscillating Prophy angles won't catch muzzle hair.

Air water syringe delivering water / CLS solution and air.



LED High Speed Handpiece Illumination

Light in the mouth is a must!
The new LED Advantage high speed swivel 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.

iM3 GS Deluxe LED with Oil Free Compressor — **Cat. No** U3019

Features and Benefits of the GS Deluxe LED Dental Unit

The GS Deluxe LED is a complete dental system with advanced features not found on any other dental machine. The industry first self generating LED light Advantage high speed swivel handpiece removes the need for troublesome fibre optic wiring, expensive krypton bulbs, switches and transformer. The low speed handpiece and nose cone swivels for comfort and reduces strain on the hand. The GS Deluxe is fitted with two coolant bottles. One for the CLS solution and the other for water. Maintenance instructions are printed on the back of the machine right where you need them.

The GS Deluxe LED is supplied with the following high quality handpieces:
• High speed swivel LED handpiece • 3 way syringe (air, water and mist) • Low speed handpiece

NEW GS Deluxe LED SW (Slow Speed Water) Range

In addition to the standard features found on the GSD LED the new SW range includes water on the Low Speed handpiece.

The SW machine is supplied with a Low Speed Motor (with forward and reverse) and 1:1 LED contra angle handpiece with water. Recommended by some European specialists for removing bone.

The SW machine also includes the 4:1 straight nose cone for polishing (L6250 p32).

Stainless steel instrument tray provides added storage and the ideal location.
The stainless steel instrument tray is height adjustable and removable.

The iM3 designed magnetic bur holder prevents burs from falling on the ground, they 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 machine features an adjustable coolant flow valve allowing the user to regulate the amount of coolant from the high speed handpiece.
All iM3 toggles, buttons and auto HP valves can be changed in seconds due to the cartridge valve system used by iM3. This advanced feature allows for the quick cleaning and replacement of valves reducing machine down time and loss of revenue.

iM3 developed the first oil free compressor fitted to a dental machine with suction.
Oil free technology eliminates the risk of oil contaminates entering the air supply of the dental machine. It also greatly reduces the maintenance regime. The compressor footprint is 51 x 53cm (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 continuous running fans are required.
Large diameter hospital grade casters make moving the dental machine simple and easy.

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 into the mouth during dental procedures.

iM3 GS Deluxe LED with oil free compressor — **Cat. No** U3019

iM3 GS Deluxe LED SW
(Slow speed with water cooling) — **Cat. No** U3019SW

* Not available in all countries.

iM3 elite LED Dental Unit

The elite dental system features advanced LED light in the high speed drill, automatic handpiece activators and the only fully autoclavable air driven dental suction in the industry.

The iM3 42-12 ultrasonic scaler (pictured) or any brand of scaler can be connected to the water and power supply of an iM3 dental machine. The dental machine is self contained and only one power cord is required to power the machine and ultrasonic scaler.

iM3 elite LED with Oil Free Compressor — **Cat. No** U3500

Features and Benefits of the iM3 elite Dental Unit

iM3 has developed a variable suction dental unit that is totally autoclavable.
The suction tips, handpiece and smooth bore suction tubing can be easily removed and autoclaved.

The suction waste is collected in a 1L container with a replacable filter. Easily accessible and not hidden out of sight! A separate footpedal operates the suction, allowing it´s use in conjunction with the high speed drill or 3 way water/air syringe.
Because it´s fully autoclavable it can also be used in surgery.

The quality of the handpieces and iM3´s unique features ensures the elite dental machine is regarded as the number one in the industry. The iM3 elite comes with:
• Suction • 3 way syringe (air, water and mist) • Low Speed handpiece
• High speed LED handpiece with swivel - excellent ergonomics (see page 30)

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 with hospital grade powdercoating.
The machine control box and components are covered by a full 5 year warranty.
The elite with its built in IEC powerboard and coolant outlet allows for the easy integration of an ultrasonic scaler.

The elite can be supplied with a height adjustable (50cm) long reach (150cm) 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.

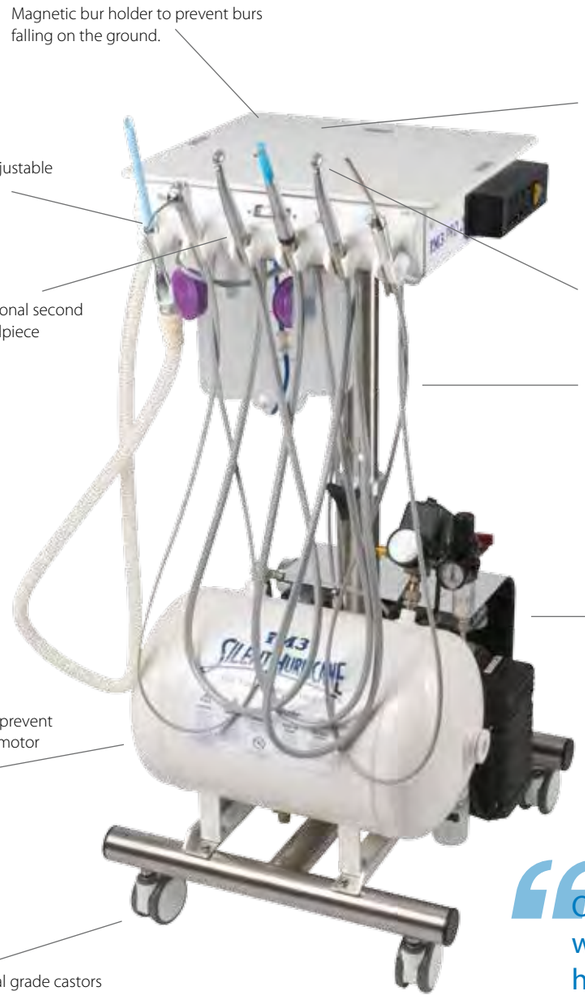
The air line and electricity for the dental machine are contained in the arm, removing unnecessary cables from the ground.

All iM3 machines are fitted with a low speed motor and swivel 4:1 straight nose cone (SNC) 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 can be replaced in seconds offering peace of mind. The switch removes the need to manually select the high or low speed handpiece.

iM3 elite LED with oil free compressor — **Cat. No** U3500

iM3 Pro 2000 LED Dental Unit

The iM3 Pro 2000 combines all the features iM3 have to offer in a compact self contained dental system. The added storage under the Corian® top and the option of having two LED high speed handpieces make this system a must for the busy veterinary practice.



Magnetic bur holder to prevent burs falling on the ground.

Corian® Top, impervious to bacteria, easy to clean and maintain. Storage underneath

Autoclavable, adjustable speed suction

The Pro 2000 is supplied with an LED Advantage high speed 360 degree swivel handpiece. The swivel allows greater control of the handpiece and reduces hand fatigue. See P31

Shown with optional second high speed handpiece

Adjustable height stainless steel stand

Quiet, low maintenance oil free compressor with CE approval

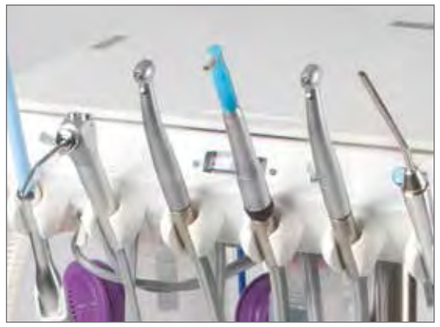
Large air tank to prevent the compressor motor overheating

Large hospital grade castors

iM3 Pro 2000 LED with Oil Free Compressor

Cat. No
U3080

> "Our technicians fought over who got to use the iM3 so we had to buy a second one!"
>
> PRO2000 User, Oxford, OH, USA



Shown with optional second high speed hand piece

Features and Benefits of the iM3 Pro 2000 Dental Unit

The Pro 2000 is fitted with an LED Advantage high speed handpiece that features 360 degree swivel reducing unnecessary hand fatigue and allows greater control of the handpiece.

The Pro 2000 comes with the following quality handpieces:
Suction • 3 way syringe (air, water and mist) • Low Speed handpiece
• High speed Swivel LED handpiece • LED light wand 4:1 straight nose cone for polishing and a 1:1straight nose cone for restorative dental attachments, rabbit and orthopaedic surgery using HP burs. All iM3 low and high speed handpieces are autoclavable.

Furthermore the Pro 2000 dental unit is supplied with an additional handpiece cable which gives you the option of having two LED high speed handpieces or an additional low speed handpiece with water cooling.

This high end dental unit is recommended for the busy veterinary practice and it gives the practice all the features iM3 have to offer in a compact self contained dental system.

The Pro 2000 offers a large useable storage space. The smart hinge system means the corian top stays flat when its top is opened. Unlike other dental machines with tops that open up from a hinge at the back, the iM3 hinge system means the items on top do not fall on the floor.
The built in magnetic bur holder prevents the burs from falling on the floor.

The Pro 2000 includes an LED light wand for oral illumination. The light allows you to explore the mouth, see cracks in teeth, while providing additional light in the mouth.

The Pro 2000 is fitted with a two bottle water system with auto pressure release. The advantage of the two bottle system is that it allows the user to choose between CLS (chlorhexidine based solution) and water depending on the procedure.

It´s difficult and expensive to send a large (all in one) dental machine away for servicing. The Pro 2000 is built to last. The cartridge and water valves designed by iM3 will keep working well beyond the life of an ordinary valve. Our systems are unique and our engineering is so functional, you will be impressed by the minimal amount of maintenance required to keep your system in top working order.

iM3 Pro 2000 LED with oil free compressor

Cat. No
U3080

Features and Benefits of the iM3 Dental Units

The iM3 features make the difference. Our attention to detail and hands on experience in veterinary dentistry means our machines are designed to meet the needs of today's veterinarian. From the general practioner to the advanced veterinary dental specialist, iM3 equipment is the machine of choice for general practice veterinarians, universities, zoos and teaching hospitals throughout the world.

All iM3 air driven dental machines use the same high quality components developed by iM3 and are backed by a 5 year warranty on the dental machine and 1 year on the handpiece.

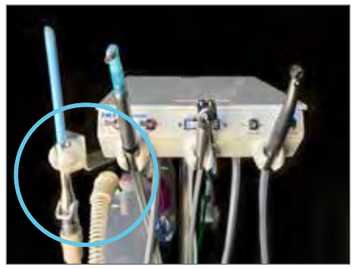
Pressurised coolant (water or CLS) outlet for any brand of ultrasonic scaler.
All maintenance instructions are printed on the back of the dental machine, right where you need them.

All iM3 toggles, buttons and auto handpiece valves can be changed in seconds due to the cartridge valve system used by iM3. This advanced feature allows for the quick cleaning and replacement of valves reducing machine down time and loss of revenue.

Water filters (65 micron) minimise contaminents 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 contaminates entering the air supply of the dental machine. It also greatly reduces the maintenance regime. The compressor footprint is 51 x 53cm (20 x 21") the oil free motor generates less heat and is therefore more reliable than conventional oil compressors. Large diameter hospital grade casters make moving the dental machine simple and easy.

All internal air and water lines are colour coded for easy repair should it become necessary, most of which you can carry out yourself.



Autoclavable/sterile suction can be retro fitted to existing iM3 dental machines.
Sterile Yankauer Suction sets.

iM3 Code S2600

* All iM3 dental machines can be wall or floor stand mounted with an external air source, using iM3's quiet oil free compressor.

iM3 Small Animal Dental Equipment

Features and Options

It's the iM3 features that make all the difference.

	GS	GS Deluxe	GS Deluxe LED	elite LED	Pro 2000 LED	SW Range Includes
Standard features on all dental control tops			LED	LED	LED	
Cabling for high and low speed handpieces	Yes	Yes	Yes	Yes	Yes	
Water supply circuit w/ filter, regulator, auto pressure release	Yes	Yes	Yes	Yes	Yes	
2 Bottle water system – CLS and water selector	1 Bottle	Yes	Yes	Yes	Yes	
3-Way air/water syringe with removable autoclavable tip	Yes	Yes	Yes	Yes	Yes	
Quick reference maintenance instructions printed on the machine	Yes	Yes	Yes	Yes	Yes	
Pressurised water outlet for ultrasonic scaler	Yes	Yes	Yes	Yes	Yes	
Suction unit – autoclavable variable suction and bacterial filter, supplied with 5 small and 5 large suction tips	Optional	Optional	Optional	Yes	Yes	
LED light wand					Yes	
Low speed cabling with internal water supply				Optional	Yes	Yes
Second high speed or low speed cabling with coolant flow control					Yes	
4 Socket IEC power strip with circuit breaker	Yes	Yes	Yes	Yes	Yes	
Spare IEC male / female power cord for ultrasonic scaler	Yes	Yes	Yes	Yes	Yes	
Storage compartment						
Stainless steel instrument tray	Optional	Yes	Yes	Optional		
Corian© control top	Yes	Yes	Yes	Yes	Yes	
Corian© control top with built-in magnetic bur holder	Optional	Yes	Yes	Yes	Yes	
Collection bottle with bacterial filter for handpiece exhaust lines	Optional	Yes	Yes	Yes	Yes	
Colour coded delivery system for ease of service	Yes	Yes	Yes	Yes	Yes	
Cartridge valves to minimise downtime	Yes	Yes	Yes	Yes	Yes	
Powdercoated aluminium and stainless steel construction	Yes	Yes	Yes	Yes	Yes	
Warranty on dental control tops including components	2 years	5 years	5 years	5 years	5 years	
Handpieces and operation						
Toggle to select high & low speed handpieces	Yes	Yes	Yes			
Automatic handpiece activators				Yes	Yes	
Advantage high speed push button handpiece - L7100 (page 31)	H2030	Yes				
LED Advantage high speed handpiece with LED light and 360º swivel fitting – L7300 (page 30)			Yes	Yes	Yes	
Polisher – iM3 Advantage low speed motor and 4:1 straight nose cone (autoclavable) – L6200 and L6250 (page 32)	Yes	Yes	Yes	Yes	Yes	No
LS Motor with Forward/Reverse and speed control. 1:1 LED contra with internal water 4:1 SNC for polishing. L2010, L2004 & L6250				Optional	Optional	Yes
1:1 Straight nose cone for the low speed motor. Used for contra angles, rabbit/rodent dentals and orthopaedic work – L6860	Optional	Optional	Optional	Optional	Yes	
1:1 LED Advantage straight nose cone with LED white light and coolant tube L7800 (page 33)	Optional	Optional	Optional	Optional	Optional	
Warranty on all iM3 handpieces	1 year	1 year	1 year	1 year	1 year	
Mountings and air compressor						
Adjustable height stainless steel floor stand w/ castors	Yes	Yes	Yes	Yes	Yes	
Silent hurricane oil free compressor & stainless steel floor stand	Yes	Yes	Yes	Yes	Yes	
Wall mounted long reach arm, air operated 150cm reach with 50cm travel up and down.	Optional	Optional	Optional	Optional	Optional	
Warranty on mountings and air compressor	2 years	5 years	5 years	5 years	5 years	
Ultrasonic scaler options						
iM3 Piezo Ultrasonic Scaler with 4 tips	Optional	Optional	Optional	Optional	Optional	
iM3 42-12 Ultrasonic Scaler with 2 titanium tips	Optional	Optional	Optional	Optional	Optional	
iM3 Ultra LED with 2 tips	Optional	Optional	Optional	Optional	Optional	

The SW range includes internal water on the low speed handpiece.
iM3 dental machines are made by iM3! We are happy to customize a dental machine to suit your needs.

www.im3vet.com

Your iM3 Workstation

Built to last, easy to maintain and service.
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, elite and Pro 2000 machines for quick reference
- New low maintenance oil free quiet compressor designed by iM3 to provide oil free air to the dental machine with handy aluminium cover for storing footpedals when not in use
- Ergonomically designed iM3 low and high speed dental handpieces have been developed specifically for the veterinarian. The design makes changing a prophy cup or dental bur straight forward and will result in a longer working life of the handpiece
- Manuals available on cd or downloaded via the web www.im3vet.com
- 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 down time, another industry first!

Warranties

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 hand pieces and coolant before it is packaged for delivery. The quality of workmanship and unique design features used to build every iM3 are so good that our range of dental machines now carry a warranty which is setting new standards within the veterinary dental industry. Up to 5 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.

Technical Support

"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

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.

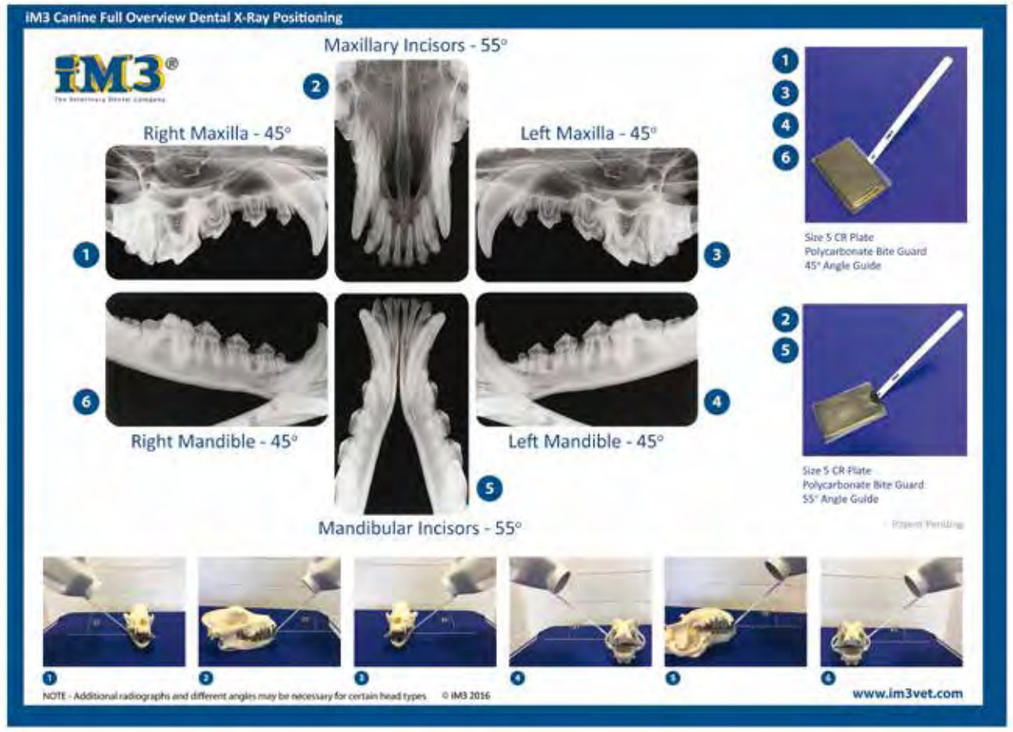
Our technical support team will continue to look after your dental system and all questions regarding handpieces, operational issues or maintenance long after you've taken delivery. We will help you to achieve the most out of your iM3 workstation and make veterinary dentistry a rewarding part of your 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
Direct: UK	+44 (0)1423 224297*	sales@im3dental.com

*During Normal Business Hours

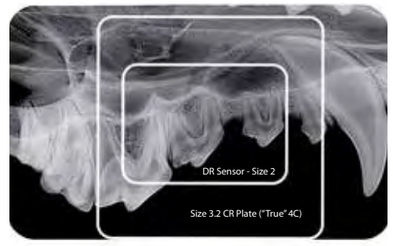
Size Matters – iM3 Dental X-Ray Canine & Feline Positioning Guide



iM3 has designed a new technique to achieve a full mouth series of dental radiographs for every patient. The new technique "Magic 6" allows you to achieve a full mouth series on a medium to large dog or cat in less than 5 minutes with just 6 x-rays. It'is that simple!

With this new technique there are only three angles you need to use, 30°,45° & 55° and the iM3 Dental X-Ray positioning kit includes these angled guides and plate holders.

Forget trying to use a size 2 DR sensor to x-ray a full mouth in a dog. DR technology has limitations in veterinary dentistry, most notably the small size of the #2 sensor compared to the large size 5 as illustrated. DR sensors are also fragile and expensive to replace. CR plates have a long life and are low cost. The large format CR size 4 and 5 dental plates combined with the positioning guide make it possible to substantially reduce the number of x-rays required for a full mouth series in any animal.



Size 5 CR Plate (Actual Size) - only for the iM3 CR7 VET

IMPROVED iM3 X-Ray Positioning Kit for Cats and Dogs

Cat. No
X8500

Polycarbonate Bite Protectors for Size 2, Size 4, and Size 5 Image Plates

Feline Positioners
30°, 45° and 55° angles to give perfect distance and angle for full mouth X-rays in cats

Canine Positioners
New longer 45° and 55° angles to give perfect distance and angle for full mouth X-rays in dogs

iM3 Bi-secting Angle guide for more advanced dental X-ray projections

Canine and Feline Positioning Guide Wall Posters

X-Ray Bisecting Angle Guide and Instructions

Cat. No
X8000

The bisecting angle guide provides a simple approach to achieving dental x-ray images. The guide is supplied with notes and diagrams.

CR7 Vet Dental X-Ray

- **Unsurpassed high resolution 25 lp/mm, Laser spot 12,5um, 1270dpi**
- **Scans a range of intra oral plates from 0 – 5**
- **Specially designed rabbit image plates available**
- **Fast processing times (12 seconds - size 2)**
- **Vet dental specific software**
- **10 network licenses**
- **2 year warranty**
- **iM3 factory direct technical support**

CR 7 VET image plate x-ray scanner complete with software and size 2 & 4 plates

Cat. No X7000

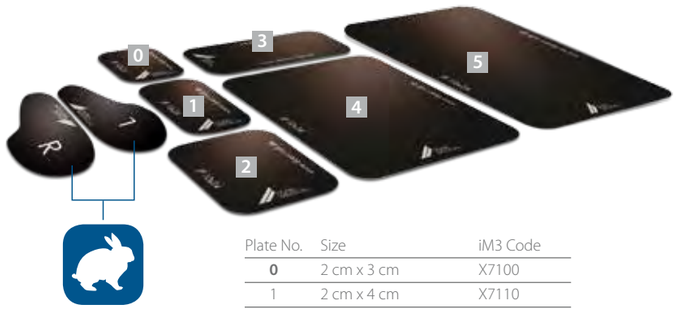
The CR7 Vet system includes:
- CR7 image plate scanner and Vet-Exam software
- 10 Network licences and PACS functionality
- Size 2 (4pc) and size 4 (1pc) imaging plates
- 300 size 2 and 100 size 4 barrier sleeves
- 2 year warranty with ongoing iM3 Technical Support
- Protective dust cover

It's the range of Plate Sizes and Image Quality that makes the difference!

The CR7 Vet has the largest range of high resolution image plates including sizes 0,1,2,3,4,5 & specially shaped intra oral plates for rabbits!

With DR systems you are often limited to size 2 only! Unlike CR plates that are thin and flexible the size 2 DR sensor is bulky, often too large for cats or small dogs mouths and not large enough for medium to large dogs, resulting in multiple radiographs being required to achieve a full mouth series as well as canine teeth.

The CR7 is now the No.1choice!



The only scanner currently available world-wide with intraoral plates for rabbits

Plate No.	Size	iM3 Code
0	2 cm x 3 cm	X7100
1	2 cm x 4 cm	X7110
2	3 cm x 4 cm	X7120
3	2.7 cm x 5.4 cm	X7130
4	5.7 cm x 7.5 cm	X7140
5	5.7 cm x 9.4 cm	X7150
6	Small Rabbit Plate Set	X7165

"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 CR7 Vet is the best so far.

The advantages of the CR7 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 intraoral plate for rabbits."

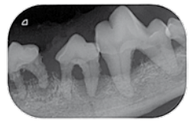
Dr. Anthony Caiafa
BVSc BDSc MACVSc (SA Surgery and Veterinary Dentistry)

References: 2. Verstraete FJ et al. Diagnostic value of full-mouth radiography in cats. Am J Vet Res 1998; 59(6): 692–5. 3. Verstraete FJ et al. Diagnostic value of full-mouth radiography in dogs. Am J Vet Res 1998; 59(6): 686–91. †

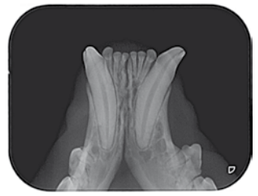
"You'd be hard placed to find another piece of equipment that ticks those elusive three boxes of good investment more effectively."

- ☑ Dramatically improves patient care and decision making
- ☑ Delivers solid profit
- ☑ Does not need a specialist level of training to deploy

Dr Dave Nicol, MRCVS.



Size 0 Lower mandible of small breed dog



Size 2 Feline lower incisors and canines

Rabbit molars - Intra Oral

Size 4 Canine nasal cavity

Dental Radiographs reveal underlying pathology

Intraoral radiographs have revealed underlying pathology in: [2,3]
- 27.8% of dogs where no abnormal findings were found on oral examination
- 41.7% of cats where no abnormal findings were found on oral examination

CR7 Vet. The benchmark in digital X-ray Imaging for veterinary dentistry

- Excellent quality, superior resolution images via Vet-Exam software
- Can be networked acros 10 PCs in the practice
- Full DICOM compliance ensures easy export of data
- Incredibly compact at 23cm x 24cm. Only 6kg.
- Unique design protects unit and radiographs from dust, hair and particles that can reduce image quality
- Easily removed plate feeder for cleaning
- Plate feeder accepts all image plate sizes without the need to change loading cradles - unlike other systems
- Largest range of plate shapes
- Precision German manufacture with full 2 year warranty
- iM3 techincal support

CR7 **Size 5** Image Plate - Actual size

"The CR7's image quality is unmatched. Having size 4 phosphor plates in addition to smaller plates makes this product superior to any digital computed dental radiography system."

Dr. Alexander M. Reiter Dipl. Tzt., Dr med.vet., Dipl. AVDC, EVDC
Assoc Professor of Dentistry and Oral Surgery
University of Pennsylvania School of Veterinary Medicine

Intuitive software for quick and easy operation

The synegistically designed and developed CR7 vet software offers a simple, easy to use interface

The practice friendly vet specific software allows easy identification of owner and animal specifics, evaluation of image, diagnosis and patient reports complete with radiographs.

Using the self-explanatory pictograms, the correct examination parameters can be quickly chosen. Thanks to the flexibility of the image plates, their application is easy and within seconds after the exposure, detailed images can be interpreted onscreen. Full DICOM compliance allows easy export of data to remote applications. DICOM send - optional.

iM3® REVOLUTION 4DC

Cat. No
X1100

Quality Build

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 Revolutuion 4DC 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.

Comfortable grip

Ergonomically shaped areas on either side of the tube head make rapid positioning easy and effortless to achieve. Right at your finger tips.

Touch-sensitive zones

Two conveniently placed touch sensitive zones unlock the tube head for quick and easy positioning. As soon as the operator lets go, the tube head locks into place with great precision.

Lightweight and compact

Revolution 4DC is equipped with a 12" X-ray collimator almost entirely integrated into the tube head body. This makes the tube head itself a more compact lightweight component than would otherwise be possible. The unique tube head design, together with the stable aluminium arms, make this unit effortless to manoeuvre.

Simple wireless control

One handheld wireless digital control device allows you to program 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 control device 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 Revolution 4DC automatically defines the correct exposure by selecting the region of interest.

Revolution 4DC floor stand - Optional

Cat. No
X1200

Precision Imaging

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.

Revolution 4DC Multi-Mode

Totally automatic choice of the most appropriate combination of technical factors. KV, mA and exposure time are determined according to patient size and anatomical region of interest.

Health and Safety

Revolution 4DC, with its constant potential, high frequency X-ray generator, significantly reduces radiation dosage compared to traditional X-ray units. Not only is the most harmful, low energy radiation almost completely eliminated thanks to high-efficiency generator, but the embedded 12" collimator minimizes the exposed bodily surface and increases the X-ray parallelism. This leads to better image quality and higher regard for patient's health.

Technical data

Generator	Constant potential, microprocessor controlled
Operating frequency	145 - 230 KHz (175 KHz typical)
Focal spot	0.4 mm, (IEC 336)
Anode current	6, 7 mA
Voltage (kV setting)	60, 63, 65 kV
Exposure Time	0.010 – 1.000 sec, R10 and R20 scale
Irradiated field	Ø 60 mm round
Total filtration	2.5 mm Al

Line voltage	50/60 Hz, 115V ± 10% or 230V ± 15%
Duty cycle	self regulating, continuous operation up to 1s/60s
Stability	Automatic touch-sensitive lock-on/lock-off (HyperSphere)
Arm extension	Available in 3 lengths: 40 cm – 60 cm – 90 cm
Max arm extension	230 cm, from wall
Certification	CE 0051, cCSAus, FDA approved

Portable Dental X-Ray

Cat. No
X1000

The PORT-X II provides total portability combined with the latest digital technology.

- Light and small, enabling total portability and use in any location.
- Small dose of radiation, ensuring patient and operator safety.
- High performance Tube and HFG, providing sharp and clear images.
- Designed for use with both digital sensors and CR image plates.
- Supplied with remote operating switch.
- Fixed kV (60) and mA (2) means the only variable is the exposure time.
- X-ray tube manufactured by Toshiba.
- Complies with National Safety Standards and guidelines.

PORT-XII™ Technical Specifications & Dimensions

X-ray Generator	Tube Voltage	60kV
	Tube Current	2mA
X-ray Control	Focal Spot	0.8mm
	Exposure Time Set	56 Steps (0.01 – 2.0 sec)
Weight	Main Body	2.35kg
Dimensions	Main Body	197 x 147 x 145 (mm)

iM3 Practical Products

Resuscitators

- Available in small and large
- Constructed from long life PVC
- Oxygen or anaesthetic gas entry inlet
- 2 non-return valves allow you to ventilate with oxygen, anaesthetic or air
- Patient port 22 mm O.D - fits anaesthetic mask and endotracheal
- Pressure relief 20 cmH_2O ± 5 cmH_2O
- Maximum stroke rate: Small 250ml and Large 900ml

	Cat. No
Small for Dogs and Cats	R2001
Large for foals and calves	R2002

Flushing Curette

Remove impacted faeces in Dogs and Cats
using an iM3 faecal flushing Curette

- Stainless Steel construction, autoclavable and a proven design in practice use for over 30 years
- Reduces anaesthesia time
- 2 litre refillable fluid bag
- Gravity flow with a control valve
- Allows the optimum solution to be used
- Makes an unpleasant task easy
- Depth markings on curette

T3000 -The complete system

Cat. No
T3000

iM3 Anaesthetic Masks

Unbreakable, see-through low dead space anaesthetic masks. Designed in australia by iM3 available in 5 sizes with replaceable soft diaphragms.

	Cat. No
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

About iM3

Corporate HQ - Sydney, Australia

iM3 Inc, - Vancouver WA, USA

iM3 Dental Limited - Co Meath, Ireland

DISCOVER THE **iM3 DIFFERENCE!**

iM3 is a family owned veterinary Dental Company established in Sydney Australia over 28 years ago.

In that time, 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 Co 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 iM3 staff 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 manufacturers its own dental machines at our three locations means you are dealing with knowledgeable / 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 aftersales support and warranty in the industry.

Discover the difference!

Yours Sincerely,

The iM3 Team!

iM3®

THE VETERINARY DENTAL COMPANY

iM3 Pty Ltd - Australia/Asia

21 Chaplin Drive
Lane Cove NSW 2066
Australia

Ph: +61 (0)2 9420 5766
Fax: +61 (0)2 9420 5677
Email: sales@im3vet.com
www.im3vet.com

iM3 Inc. - USA/Canada

12414 NE 95th St,
Vancouver, WA 98682
USA

Ph: +1 800 664 6348
Fax: +1 360 254 2940
Email: info@im3usa.com
www.im3vet.com

iM3 Dental Ltd - Europe

Unit 9, Block 4,
City North Business Park,
Stamullen, Co. Meath,
Ireland

Ph: +353 (0)16911277
Direct: UK +44 (0)1423 224297
Email: sales@im3dental.com
www.im3vet.com

iM3 products can be found throughout the world. Please visit the iM3 website for a full list of international distributors.

YOUR AUTHORISED DISTRIBUTOR

All prices exclude Tax. Prices subject to change without notice.