Small Animal Veterinary Dental Equipment

A full range of dental machines and stations for the modern veterinary practice. From basic starter scaling units to the iM3 Pro 2000 Ultra for the serious dental professional. Utrecht Dental have more than 35 years of experience in selling dental equipment. Use our knowledge and experience to assist and advise you.

iM3 elite Dental Station
Features such as fibre optic lighting in the highspeed drill, autoclavable venturi suction, low speed high torque polisher, high speed handpiece CLS flush and the silent hurricane air compressor make the iM3 elite totally unique in the world of veterinary dentistry.

Cat. No 271010

iM3 Ultrasonic Scaler Model 42-12
High End Ultrasonic Scaler
- Works at 42,000 cycles
- Only ultrasound scaler safe to use in periodontal pockets up to 13 mm deep.

Cat. No 271008

www.ud-vet.nl
Ultrasonic Dental Scalers and Micro Motor/Polishers

Scaling Principles - Power Differences

Air 17K (17,000 cycles per second)
Air scalers are found mainly in the human dental field. In veterinary practice they do not generally perform very well and are very low on power.

Cavitron or Magneto-Restrictive. 25K (25,000 cycles per second)
This type has the long scaler insert with bonded leaves of metal. When subjected to a strong electromagnetic force, the leaves or reeds vibrate very fast, 25K, and cause the tip to move in the scaling mode. A lot of heat is generated and consequently water-cooling is very important. These scaler tips or inserts have a limited life and will deteriorate over time, resulting in poor performance.

Piezo 38K (38,000 cycles per second)
This type has very small screw-in scaler tips, usually 3 different shapes are provided with a new machine. The piezo action is different to the cavitron, as it moves in a figure of 8. Much less heat is produced and therefore less water is needed for cooling, however, water is still required for flushing away debris. The tips do wear away and will need replacing after some use, but the cost is half the price compared to that of the cavitron tips.

Ultrasonic 42-12 42K (42,000 cycles per second)
This model is new to the European veterinary market, although well-known in Scandinavia, USA and Australia. Very gentle, but powerful and efficient action, can be used with confidence subgingivally up to 13 mm deep. Very cool running, very quiet. Top of the range as far as scalers go and a must for the serious professional. Will scale in half the time of most other scalers with little or no enamel damage and effectively clean subgingival pockets, the source of plaque and calculus.

Piezo Electric Ultrasonic Scaler ART-P3 II
The Piezo system runs at 38K, giving cooler and better scaling action than the magneto-restrictive type. Very little heat is produced which makes general scaling much easier, with little water being required for cooling. The Mark 2 model now features an upgraded “AGC” Auto Gain Control which automatically adjusts the power when in use. Only two controls for power and water. The new LCD display shows the chosen power setting and the recommended scaler tip.

Supplied with:
- 3 scaler tips
- pump up 5 litre water bottle
- foot pedal control on/off
- mains connection cable

Cat. No 271391

RAMBO 100 Dental Polishing and Micro Motor Unit
Very compact and well-designed micro motor unit. Slider speed control, the on/off function can be either via the foot pedal or with fascia switch. Variable speed from 2,000 to 30,000 rpm. The Rambo is supplied with polishing attachments, paste and prophy angles. Additional accessories can be purchased to fit onto the E-fitting of the micro motor, for example small burs, large burs and diamond disc and rabbit/rodent tooth cutters.
Cat. No 271111

Ultrasonic Scaler ART-M3 II
The magneto-restrictive (cavitron) system is the most popular dental system in the UK veterinary market. The tip vibrates at 25K and is a very reliable model.
Water is required to cool the hand piece and scaler tip, and to wash away the debris, this is supplied from a pump up 5 litre water bottle. Only two controls for power and water.
The Mark 2 model now features an upgraded “AGC” Auto Gain Control which automatically adjusts the power when in use. The new LCD display shows the chosen power setting and the recommended scaler tip.

Supplied with:
- 1 medium scaler tip (fine tip optional extra)
- pump up 5 litre water bottle
- foot pedal control on/off
- mains connection cable

Cat. No 271393

www.ud-vet.nl
Ultrasound Combined Scaler/Polisher ART-SP1
This is an ideal combined unit for most veterinary practices who want an easy to use scaler and polisher in one unit. The magneto-restrictive (cavitron) scaler tip vibrates at 25K and is a very reliable model. The micro motor rotates up to 30,000 rpm. Supplied with polishing accessories, enough to get you started. Additional accessories can be purchased to fit onto the micro motor such as small burs, via a contra angle, large burs, direct into the nose cone, and also diamond disc cutting wheels.

The ART-SP1 is supplied with:
- 1 medium scaler tip (fine tip optional extra)
- pump up 5 litre water bottle
- foot pedal control on/off
- mains connection cable
- micro motor E-fitting
- straight nose cone blue/silver 1:1 ratio
- starter pack polishing paste and prophy angles

Cat. No 271392

Piezo Combined Scaler/Polisher ART-SP2
The combined piezo scaler and micro motor unit is supplied with 3 scaler tips. This is a superb combined Piezo unit for most Veterinary practices who want an easy to use scaler and polisher in one unit. The Piezo system runs at 38K, giving cooler and better scaling action than the magneto-restrictive type. Very little heat is produced which makes general scaling much easier, with little water being required for cooling. The micro motor rotates up to 30,000 rpm. Supplied with polishing accessories, enough to get you started. Additional accessories can be purchased to fit onto the micro motor such as small burs, via a contra angle, large burs, direct into the nose cone, and also diamond disc cutting wheels.

The ART-SP2 is supplied with:
- 3 assorted scaler tips
- pump up 5 litre water bottle
- foot pedal control on/off
- mains connection cable
- micro motor E fitting
- straight nose cone blue / silver 1:1 ratio
- starter pack polishing paste and prophy angles

Cat. No 271390

iM3 Ultrasonic Scaler Model 42-12
Unlike other dental scalers that use the “jack hammer” approach to tooth scaling, the 42-12 adopts a more gentle technique with its revolutionary rotational tip movement. The 42,000 cycles remove the plaque and calculus in much the same way as an ultrasonic instrument cleaner. Trends Magazine in the USA surveyed 4,737 AAHA members and found the 42-12 superior to all other scalers (5 tested) in all 15 points of comparison, and received an overall 90% client satisfaction (Trends Magazine, March/April 2006).
Safe to use in periodontal pockets up to 13 mm deep. This unit is designed to connect to the water supply of the iM3 Air Dental units via a quickfit connector or a pump up tank.

Cat. No 271008

iM3 42-12 in use, Sun Bear, Taronga Zoo, Sydney.

Micro Motor
Micro motor for KRUUSE dental units; ART-SP1, ART-SP2 and RAMBO 100. Max speed 30,000 rpm, E-fitting.

Cat. No 271395

www.ud-vet.nl
Veterinary Dentistry is the way to improve your bottom line and your client’s appreciation of what you do. It is often quoted that 80% of all small animals over 2 years of age have some form of periodontal disease. Are you treating them? If not, why not? Dentistry should not be thought of as cosmetic, but rather a total health solution as periodontal disease can and does affect the heart, lungs, liver and kidneys. Bad breath is the first sign – and owners do not like that.

You will need:
- An air driven dental unit, preferably with a fibre optic light in the high-speed handpiece to enable you to see what you are doing
  (overhead lights are not suitable as your head gets in the way)
- A scaler that can scale subgingival pockets, the source of plaque and ultimately calculus
  Hand scaling is too laborious and too time-consuming

With the right equipment and a lecture or two from a Specialist Veterinary Dentist you are on your way. A canine can be extracted from start to finish in under 10 minutes. Now armed with all this knowledge and the right equipment, you are ready.

**iM3 elite Dental Station**

In addition to the standard features listed above the elite dental station includes:
- Fibre-optic light, built into the push-button high-speed handpiece, right where you need it!
- Suction unit - variable suction, smooth bore tubing and bacterial filter with autoclavable handpiece and tips.
  Separate pedal on/off
- Corian® control top with built-in magnetic bur holder
- Optional long reach (150 cm) height adjustable (50 cm) wall arm.
- Optional stainless steel instrument tray.

Cat. No 271010

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**iM3 GS Deluxe Dental Station**

iM3 GS Deluxe the standard of veterinary air dental systems

iM3 GS Deluxe includes the following features:
- Low and high-speed handpieces. High-speed push-button release
- Auxiliary pressurised water outlet connection for any ultrasonic scaler
- Bacterial filter and collection bottle for handpiece, exhaust air lines
- Large capacity, silent air compressor
- Adjustable height, stainless steel stand on castors
- Oscillating, disposable prophy cups supplied, 4:1 ratio nose cone and prophy angle/paste
- Ready-to-use out of the box, just fill up with oil, connect the fittings and go
- Toggle switch to select low or high-speed handpiece
- Corian® Control Top - bacteria and virus impervious. Easy to clean
- Printed maintenance card attached to machine, right where you need it!
- 2-bottle, water and CLS system
- CLS flushing system with bacterial filter for flushing high-speed handpiece
- Electric multi-socket mounted on side for scaler or accessory connection
- Stainless steel instrument tray

Please note that all of our iM3 air dental stations do not include a scaler. We do not recommend air scalers. Instead, we suggest one of our ART or 42-12 ultrasonic scalers, see previous page.

Cat. No 271014

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**iM3 Pro 2000 Ultra Professional Dental Station**

The Rolls Royce of veterinary dental stations and in addition to the standard GS Deluxe features, the Pro 2000 Ultra includes:
- Suction Unit - variable suction, smooth bore tubing and bacterial filter with autoclavable handpiece and tips. Separate pedal on/off
- Fibre-optic hand-held examination wand to light up the darkest corner
- Storage compartment under the lift-up top
- Automatic “switch on” lift-out handpieces
- Mid West lever lock high-speed handpiece with fibre-optic light
- 1:1 straight nose cone for orthopaedic and rodent work
- Optional 42-12 ultrasonic scaler
- Optional second high-speed handpiece

Cat. No 271007
iM3 Low-Speed Accessories

L0580 nose cone 4:1 ratio speed reducing (green), for polishing which requires slow speed.
Cat. No 271255

L6860 straight nose cone 1:1 ratio (blue), for rabbit and orthopaedic work.
Cat. No 271020

L6980 low-speed motor 20,000 rpm, fits all air driven iM3 stations, E-fitting.
Cat. No 271254

iM3 High-Speed Handpieces

H2030 high-speed push-button handpiece.
Cat. No 271250

H2020 high-speed push-button handpiece with fibre-optic.
Cat. No 271251

H2010 Mid West lever lock high-speed handpiece.
Cat. No 271252

iM3 Dental Cutting Solution and Odour Mask

C3130 CLS concentrate, 6 x 250 ml. Concentrate of Glycerine, Chlorhexidine Gluconate and Ethanol. Recommended by iM3 for cleaning and lubricating high-speed handpieces and hoses. The mint fragrance helps mask mouth odours. Can be used in the water bottle of all ultrasonic, and air driven equipment. 250 ml added to water gives 1 l CLS
Cat. No 271091

L5010 Mid West lever lock fibre-optic high-speed handpiece.
Cat. No 271253
**Rabbit and Rodent Dental Instruments**

**iM3 Incisor Luxator**
Used to aid extraction of rabbit incisors. The instrument is used to break down periodontal ligaments on the distal and medial aspects of the incisor teeth.
Cat. No 271416

**iM3 Molar Luxator**
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.
Cat. No 271417

**iM3 Spatula**
Enhances examination of the teeth by repositioning the tongue and cheeks. Features a lightweight handle.
Cat. No 271418

**iM3 Molar Extraction Forceps**
Specifically designed for the removal of premolar and molar teeth in rabbits. The instruments’ jaws are narrow and angled at 100º to improve access to the cheek teeth.
Cat. No 271419

**iM3 Cheek Dilator - X-Small**
Suitable for very small mammals where the small cheek dilator is found to be too big.
Cat. No 271424

**iM3 Cheek Dilator - Small**
Suitable for smaller mammals such as chinchillas and guinea pigs, enhancing inspection of the oral cavity.
Cat. No 271420

**iM3 Cheek Dilator - Large**
Suitable for smaller rabbits
Cat. No 271421

**iM3 Rodent Wire Mouth Gag**
Lightweight design with light spring action. Suitable for chinchillas, guinea pigs, rats, and small rabbits. Enhances inspection of oral cavity.
Cat. No 271422

**iM3 Rodent Mouth Gag**
Designed by iM3. Lighter than comparable gags. Heavy duty with screw thread. Suitable for larger rabbits.
Cat. No 271423

**iM3 8 Piece Complete Rabbit and Rodent Kit**
Complete set in nice zipper case.
Cat. No 271415
Soft Tissue Protector and Diamond Disc Safety Shield
Dental instruments for rabbits, guinea pigs and chinchillas. iM3 rodent soft tissue protector and diamond disc safety shield. A new set of rodent instruments for reducing and leveline molar and incisor teeth.

iM3 Rodent Set
Cat. No 271019

The set comprises:
1) Diamond disc cutter, 20 mm, coated on both sides
   Cat. No 271291
2) Safety shield for diamond disc, stainless steel
   Cat. No 271293
3) Soft tissue protector for long cutting bur, rabbit
   Cat. No 271294
4) Long cutting bur, rabbit, 60 mm
   Diamond Bur X – Long
   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
   Cat. No 271296

All parts are available separately

The above items fit a straight nose cone 1:1 ratio, blue/silver. Cat. No 271020, on electric micro motors or air driven dental equipment.

Picture beside shows the soft tissue protector fitted to a 1:1 straight nose cone and low speed motor.

iM3 Quality Burs
Each kit contains a range of useful burs for each application and is supplied with a coloured usage card. HP handpiece burs fit directly into straight nose cone blue/silver. FG burs fit high speed drills.

D7540 red starter HP bur kit, assorted sizes and shapes.
For dental and orthopaedic use on a 1:1 blue straight nose cone. D7540, red card.
Cat. No 271194

The FG friction grip burs fit directly into contra angle 271112, see opposite, and high-speed handpieces. D7510 blue, selection for dogs.
Cat. No 271192

FG Kit
D7530 green, selection for cats.
Cat. No 271193

Contra angle fits onto the micro motor and takes FG friction grip burs.
Cat. No 271112

Burs available in individual sizes (packs of 5)
Friction Grip (FG) burs are normally used in the high-speed handpiece, 19 mm long

<table>
<thead>
<tr>
<th>Burs Type</th>
<th>Description</th>
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<tbody>
<tr>
<td>Plain Round</td>
<td>for removing bone, drilling holes and pulverizing roots</td>
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<tr>
<td>Cat size 2 – 271207</td>
<td></td>
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<tr>
<td>Dog size 4 – 271196</td>
<td></td>
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<tr>
<td>Large Dog size 6 – 271197</td>
<td></td>
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<tr>
<td>Cross cut Taper Fissure</td>
<td>for sectioning teeth</td>
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<tr>
<td>Cat size 701L – 271199</td>
<td></td>
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<tr>
<td>Dog size 702L – 271206</td>
<td></td>
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<tr>
<td>Large Dog size 703L – 271195</td>
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</tbody>
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A full range of burs available
The winged edge of the elevator is designed to expand the alveolus (tooth socket) by expanding it as the instrument is ‘rocked’ in the periodontal ligament space. The tip is moved down the tooth root in a rolling fashion. Widening the alveolus and moving gently down the tooth root will reduce the risk of fracturing the tooth and root during extraction. The four sizes make them ideal for cats to large dogs.

**Winged Elevator 1 mm**
Cat. No 271298

**Winged Elevator 2 mm**
Cat. No 271299

**Straight Root Tip Pick**
A straight root tip pick is most useful in working on deciduous teeth that need to be removed.
Cat. No 271302

**Subgingival Curette**
(Below the gum). The Curette is used to clean plaque and calculus from the tooth root surface.
Cat. No 271304

**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 271305

**Sickle Scaler**
The 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 of canine teeth.
Cat. No 271306

**Explorer/Measuring Probe**
The probe is used to measure gingival attachment loss and the depth of pockets around the tooth indicating periodontal disease. The probe is marked in mm increments – 3 mm, 5 mm and 8 mm
Cat. No 271307

**Very Fine Periosteal Elevator**
Great for lifting the gum flap around cats’ teeth and hard to reach areas.
Cat. No 271308

**Tartar Removing Forceps**
The curved beak of the forceps allow for the easy removal of heavy calculus from the tooth surface, decreasing the chance of fracturing the tooth.
Cat. No 271310

**Minnesota Retractor**
Is used to retract and protect the tissue when performing surgical extractions and the user when operating the high speed drill.
Cat. No 271311
Dental Instruments

4 Piece iM3 Winged Elevator Set
iM3 winged elevator sizes 1-4 mm with standard handle and new smaller grip handle, supplied in a black pouch.
Small Handle Set, cat. No 271209 (D1039)
Standard Handle Set, cat. No 271208 (D1038)

14 Piece iM3 Instrument Set
The iM3 veterinary dental instruments are designed to meet the requirements (quality, functionality and price) of the modern veterinarian practicing dentistry. The instruments have been designed with the help of specialist veterinary dentists, and represent the instruments most widely used by veterinarians throughout the world today. The complete set with all you need in a handy, black leather pouch.

The set consists of the instruments shown on page 8:
Winged elevator 1 mm, winged elevator 2 mm, winged elevator 3 mm, winged elevator 4 mm, straight root tip pick, periosteal elevator, subgingival curette, jaquette supragingival scaler, sickle scaler, explorer / measuring probe, very fine periosteal elevator, extraction forceps, tartar removing forceps and minnesota retractor
Cat. No 271200

Cat. No 271203
14 piece set with smaller grip handle winged elevators (D1100)

Molt Periosteal Elevator
The rounded edges of the periosteal instrument minimises the tearing of tissue when lifting the gum flap. The sharp end makes the initial lifting of the flap easier.
Cat. No 271404

Curved Deciduous Elevators - Small
The curved deciduous elevators are ideal for the removal of retained (milk teeth) canines and are available in three sizes suitable for the different-sized deciduous teeth encountered.
Cat. No 271405

Curved Deciduous Elevators - Medium
Cat. No 271406

Curved Deciduous Elevators - Large
Cat. No 271407

Small Dog or Cat Right Angle Extraction Forceps
Designed by iM3 for easier extraction of cat, small dog and deciduous teeth, reducing the risk of tooth fracture during extraction. Jaws are parallel and by not meeting at the end, they reduce the risk of breaking off cats' teeth.
Cat. No 271409

5 Piece iM3 Specialised Instrument Set
These five instruments can also be obtained as a set:
Cat. No 271201 supplied without tray
Cat. No 271410 supplied with tray

www.ud-vet.nl
Spring Bar Mouth Gags
Smith-Baxter model. Complete set of 4 sizes, stainless steel. Above-mentioned mouth gags are a great aid for the small animal practitioner in dental treatment, surgery and examinations, also when catheters and probangs have to be introduced.

Complete set
Sizes 1, 2, 3, 4.
Cat. No 270975

Mouth Gag Set Grays Pattern

Mouth Wedge
New mouth prop for dogs and cats. Radiolucent. Anatomically designed to provide secure open-mouth position. Ideal for anaesthesia, radiography, oral surgery and dentistry. No moving parts. Also useful if canine teeth are absent. Easy to clean: Ultrasound, heat or cold sterilization.

Small
Cat. No 270955

Large
Cat. No 270956

Dental Drain Board
The drain board is a practical device for usage when scaling animal teeth. The drain board collects water and debris. Made of hard plastic, 30 x 35 cm
Cat. No 271146
Dental Instruments

Dental Luxators
Luxators are used to break down the periodontal ligaments

Luxator, 3 mm
Cat. No 271000

Luxator, 5 mm
Cat. No 271002

Sharpening stone
Cat. No 271004

Elevator, Angled Right
Cat. No 270870

Elevator, Angled Left
Cat. No 270880

Hylin Elevator, 2 mm
Cat. No 270859

Hylin Elevator, 3 mm
Cat. No 270861

Hylin Elevator, 4 mm
Cat. No 270860

Dental Service Oil
400 ml aerosol with quickfit nozzle to fit nose cones
Cat. No 271016

Lubrication Oil
Tri-Flo handpiece lubricant T7980 59 ml
Cat. No 271249

iM3 Compressor Oil
For yearly change, 1 l. For iM3 silent compressors, 890 ml, supplied with filter and O-ring.
Cat. No 271270

BUSTER Home Dental Kit
Tooth brush and gum massager. Easy to use. Combined with the Pet-Clean tooth paste this is an excellent tool for the hygiene in the dog’s mouth.
Cat. No 270998

Wedge Dental Sharpening Stone
The wedge sharpening stone has a flat surface with a radius at either end, most dental hand instruments including elevators, curettes and scalers can be sharpened. Dental instruments should be kept sharp and true to their original design. For best results, instruments should be sharpened after use.
Cat. No 271312

Dental Pump up Water Bottle
5 l
For ultrasonic scalers not used with an iM3 air driven machine.
Cat. No 271162

www.ud-vet.nl
Universal Cavitron Ultrasonic Insert Tip

Fine pointed 25 kHz
Cat. No 271116

Medium pointed 25 kHz
Cat. No 271117

Ferrite Rod for the iM3 42-12 Scaler Tip Insert
Cat. No 271166

iM3 New Design
Rock & Roll Oscillating Disposable Prophy Angles

Rock & roll blue colour indicates double lubrication. Plastic OSCILLATING disposable prophy angles complete with rubber cup, ready-to-use. The oscillation action means that you can keep the cup on the tooth longer without heat build-up, and the problem of pulling muzzle hair from the patient is reduced. Throw away after each patient to reduce cross infection. Low cost and no maintenance.
Cat. No 271187, 100/pk

Prophy Angles, Disposable
Standard model prophy angles.
Cat. No 271133, 12/pk

KRUUSE Piezo Ultrasonic Tooth Scaler
(only for P3 and SP2 Models)

Tip No 1
Cat. No 271400

Tip No 2
Cat. No 271401

Tip No 3
Cat. No 271402

Scaler Tip Insert and Ferrite Rod for the 42-12 Ultrasonic Scaler
Universal tip
Cat. No 271164

Perio tip
Cat. No 271171

R&R Polishing paste has been designed for use with the iM3 Rock and Roll oscillating disposable prophy angles. Convenient to use individual pots help prevent cross contamination between animals. Non splatter, contains no fluoride or flavour oils.
Cat. No 271191, pack of 200 pots

Rubber polishing cups, fit onto metal prophy angle
Cat. No 271121, 100/pk

Metal prophy angle
Cat. No 271127

Polishing starter pack, 6 x disposable prophy angles, 10 polishing cups, 10 x polishing paste. Only to be used with standard model prophy angles.
Cat. No 271136

Why iC plaque is a Must for every Veterinary Clinic
- Plaque is invisible until stained
- It is a helpful tool in painting a picture of the animal’s oral health for the owner
- Highlights the areas where plaque is present
- Will increase dental examinations within the clinic
- Useful when scaling the animal’s teeth to ensure that all the plaque has been removed during the procedure
- Quick and easy to use
- Plaque is the cause of periodontal disease

Cat. No 271202, iC Plaque, plaque control, 72/pk

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