NEW TERAFLOAT

EQUINE POWER DENTISTRY INSTRUMENTS

2015

SWISSVET VETERINARY PRODUCTS

SWISSVET
204 W. Magnolia Ave
Knoxville, TN 37917

www.swissvet.com
877.794.7735

“SWISS QUALITY FOR YOUR HORSE”
ROUTINE DENTISTRY

SWISSFLOAT

The work horse of routine dentistry; cored or cordless.
No daily maintenance. Ideal for visual and non-visual work.

The Swissfloat is a sturdy instrument with a slim belt drive design and 16” or 21” rotatable shaft. The instrument is easy to use, quick and safe. Raised guards on either side of the disc provide additional protection for the horse and prevent the disc from sliding off tooth surfaces, making it ideal for non-visual work. A fine carbide disc and durable diamond disk can be changed out by the user. A cordless Dewalt motor is available.

SF16-120 (or SF21-120): 16” (or 21”) Swissfloat Slimline, Hitachi motor 120V w. GFCI, carbide disc, transport bag, incisor speculum
SF16-D18 (or SF21-D18): 16” (or 21”) Swissfloat Slimline, Dewalt motor 18V, 2 Li-ion batteries, charger, Carbide disc, transport bag.
SF-CD: Swissfloat carbide disc (fine)
SF-DD: Swissfloat diamond disc (coarse)

HDE-FLOAT

Most affordable compact instrument for visual dentistry.
Curved shaft, no daily maintenance. Corded or cordless.

Diamond coated rotary disk design. The curved shaft of the HDE Float allows for more detailed dentistry work. The head with the diamond disk can be rotated in 90 degree increments. The cable drive in the shaft is protected by a clutch. Available in a corded or cordless Dewalt version. A straight model is available.

HDEFS-120: HDE float straight with Bosch motor 120V, GFCI shock protector, coarse diamond disc, carrying case, incisor speculum
HDEFC-120: HDE float curved with Bosch motor 120V, GFCI shock protector, coarse diamond disc, carrying case, incisor speculum
HDEFS-D18: HDE float straight, Dewalt 18V motor, two Li-ion batteries, charger, coarse diamond disc, carrying case, incisor speculum
HDEFC-D18: HDE float curved, Dewalt 18V motor, two Li-ion batteries, charger, coarse diamond disc, carrying case, incisor speculum

HDE - ProMal 6

Light weight starter set for routine work.
Curved rotary shaft, ready for additional hand pieces.

The curved shaft of the HDE long Flexxi-Disc hand piece allows for more detailed dentistry work. Without an attached motor, the grinding hand piece is light-weight and noiseless. The head with the diamond disc can be rotated. Shear pins protect the cable, a clutch is optional.

ProMal 6: Flexxidisk long curved (GF8T) diamond disc, 48” flexible shaft, Suhner motor 120V, belt, GFCI, long carrying case, incisor speculum.
FRA_LCV3: clutch accessory

HAND FLOATS

When working motorized instruments, the need for hand floats is reduced to a minimum. Our hand floats are designed for special anatomical areas, such as the buccal side of the upper last molars. The S-float is a universal float, often used in smaller horses.

S-shaped float (1):
This German made stainless steel float is coated with carbide chips. The mid portion is flexible allowing adjustment and their ends are concave and convex respectively. This is a universal float.

Caudal float diamond coated (2):
Made in one piece this stainless steel float has a flat diamond coated blade. It is slightly bent to reach the vestibular area of maxillary cheek teeth.

Caudal float carbide chips (3):
The carbide chip coated blade is attached to a stainless steel handle with pistol grip. The blade is interchangeable.

RAP-S: S-shaped float, coated with carbide chips. Made in Germany.
RAP-CAU: Caudal float, one piece, diamond coated
RAP-CAR: Caudal float, handle and curved up attachment, carbide chips.
BL-190.02: Replacement blade for RAP-CAR: contact Swissvet for other blades.

Other dentistry instruments (elevators, forceps etc) are available—call Swissvet and for details.
HDE - ProMal17

Basic starter set for advanced dentistry. Long hand pieces for convenience.
Practical and versatile instruments can tackle most jobs

The ProMal17 dentistry set includes 3 essential hand pieces: the Flexxi-Disc, Polyfloat, and Angle drill. The diamond coated grinding surfaces of these instruments are durable and require no daily maintenance. The hand pieces are connected to the variable speed motor via a reinforced flexible drive shaft so they are lightweight and noiseless to use. The cable is protected by shear pins and a clutch is also available for superior security. Establish a foundation with the ProMal17 set and build your advanced dental practice as you add pieces for more detailed profiling.

ProMal17: long curved Flexxi-Disc w. diamond disk (GF8T), long straight Polyfloat (GFPV2) w. medium apple core burr, angle drill (F3), 48" flexible drive shaft, Suhner motor 120v, belt, GFCI, long carrying case, incisor speculum.
FRA. LCV3: clutch accessory
ACC.FR (FL): Holster accessory (Right or Left handed user)

HDE - ProMal18

Precise and specific instruments for the most detailed profiling
All-inclusive professional set. Short hand pieces with extension.

The ProMal18 dentistry set includes a selection of hand pieces to achieve the highest level of detail in tooth profiling. The compact tools are designed for work on the upper and lower molar arcades, canines, and incisors and is used with the included extension to access caudal areas. The 48" flexible drive shaft is protected by shear pins and has an optional clutch for superior support. Additional burrs for the polyfloat are available and used for special dentistry procedures. Keep all your tools safe and organized in the heavy-duty HDE instrument case with a convenient lid insert.

ProMal18: Short curved Flexxi-Disc w. diamond disc (F8T), short straight Polyfloat (FPV2) w. medium apple core burr, mandibular hand piece (F2), angle hand piece (F3), extension, 48" flexible shaft, Suhner motor 120v, belt, GFCI, HDE case with lid insert, incisor speculum.
FRA. LCV3: clutch accessory
ACC.FR (FL): Holster accessory (Right or Left handed user)

HDE - ProMal19

All the practicality of the ProMal17—Added versatility with a cordless motor

The ProMal19 dentistry set includes three essential advanced hand pieces: the Flexxi-Disc, Polyfloat, and angle drill. The addition of a cordless motor increases mobility and reduces the risk of electrical shock and tripping. This powerful motor and battery pack are worn comfortably on a hip belt and are connected to hand pieces via a reinforced flexible drive shaft. The cable is protected by an electronic clutch and does not require shear pins. This system is lightweight, quiet, and mobile making it perfect for any environment. Establish a foundation with the ProMal19 set and build your advanced dental practice as you add pieces for more detailed profiling.

ProMal19: long curved Flexxi-Disc (GF8T), long straight Polyfloat (GFPV2) w. medium apple core burr, angle drill (F3), 36" flexible drive shaft, EVOLUTION motor w. belt, control unit, 36v Li-ion battery pack, charger, Pelikan carrying case, incisor speculum, holster accessory (ACC.FR/FL -Right or Left handed user)
ACC.CB: car charger for battery

HDE - ProMal20

Precise and specific instruments for the most detailed profiling
Added versatility of a cordless motor

The ProMal20 dentistry set includes a selection of precise instruments to achieve the highest level of detail in tooth profiling. The addition of a powerful cordless motor and battery pack, worn comfortably on a hip belt, take this set to the next level in versatility and safety. The 36" flexible drive shaft is protected by an electronic clutch and does not require shear pins. These hand pieces are designed for work on the upper and lower arcades, canines, and incisors and are used with the extension to access caudal areas. Keep all your tools safe and organized in the heavy-duty HDE instrument case.

ProMal20: short curved Flexxi-Disc (F8T), short straight Polyfloat (FPV2) w. medium apple core burr, mandibular hand piece (F2), angle hand piece (F3), extension, 36" flexible shaft, EVOLUTION motor w. belt, control unit, 36v Li-ion battery, charger, belt, HDE case with lid insert, incisor speculum, holster accessory (ACC.FR/FL -Right or Left handed user)
ACC.CB: car charger for battery

Customized HDE sets are available—call Swissvet and make your individual dentistry set.
HDE DETAIL

**Maxillary Drill (F1):** This conically shaped hand piece is designed for work on the upper molar arcades. The soft tissue guard around the burr ensure comfort for the patient and safety for the practitioner. Typically used with the extension.

**Mandibular Drill (F2):** This hand piece is designed for caudal and rostral reductions on the lower molar arcades. The guards not only prevent soft tissue damage but also stabilize the instrument. Typically used with the extension.

**Angled Drill (F3):** This multi-function hand piece is used mainly for reducing canines and incisors but can also be used to install bit seats.

**Bit Seat Drill (F8C):** This multi-function hand piece is used mainly for installing bit seats, but it is equally great to work on incisors or canine teeth.

**Disc Drill (F5):** The flat diamond wheel can be used to cut, as in large incisor reductions, or to grind, as in accurate realignments. This hand piece is efficient without increasing the risk of pulp exposure.

**Vestibular Drill (F6):** Considered a universal hand piece, its reduced guards and cylindrical burr facilitate the correction of large overgrowths and excessive transverse ridges. Typically used with the extension.

**Curved Flexxi-Disc (F8T):** The Flexxi-Disc hand pieces have a soft tissue-friendly head that can be rotated in 90° increments. The low profile works well in tight spaces and the curved shaft can reach any area. Grinding discs on these robust hand pieces last an average of 200-300 horses. It is typically used with the extension. A straight shaft model (F7) also available.

**Long curved Flexxi-Disc (GF8T):** This hand piece has the same function as the short F8T, but does not require the use of the extension, making it easier to change during floating. It is typically stored in the long case.

**Polyfloat (FPV2):** The polyfloat is a center piece for motorized dentistry. Typically used with an apple core burr, it is ideal for floating sharp enamel points on upper or lower arcades. It is also a great instrument to work on bit seats, canine teeth, and in some cases, it may be the only instrument capable of reducing long caudal hooks.

In addition to the apple core burs (small, medium, large), the polyfloat can be used with a variety of different grinding burs: ball, half ball, long cylindrical (universal and special diastema burr), short cylindrical, and a long and short conical burr - to treat a number of advanced dentistry lesions. Typically used with the extension

**Long Polyfloat (GFPV2):** same as the short polyfloat, but long enough to be used without the extension. Typically stored in the long case, but fits in the short case as well.

**Extension:** The extension is attached to some hand pieces (F1, F2, F6, F7, F8, FPV2) to make them long enough to work on the caudal area of the mouth.

Many of these hand pieces have an overlapping range of indication; and it is not necessary to acquire all of them to be able to treat every possible pathology or to perform routine and preventative procedures. Rather it is a personal preference to choose the right hand piece for each individual user. Call Swissvet if you have questions about these hand pieces.

**Flexible shaft (Flex48/36E):** One of the great advantages of the HDE system is the light weight and minimal noise production, which is only possible because the motor is not directly connected to the grinding pieces. The flexible shaft with a reinforced driving cable is the connecting piece between the motor and the hand pieces. The flexible shaft is 48" long for the corded motor, and 36" for the cordless version.

**Clutch:** The cable is protected with shear pins, which need replacement after they fail. A clutch is optional for convenience. The shear pins are not needed for the cordless evolution motor which is equipped with an electronic clutch.

**Motor Suhner 120V (M1m)** The powerful German-made Suhner motor has a manual variable speed trigger and the microchip ensures stable speed regardless of the work load during floating. The motor is durable, noiseless, and the extra short cord can be conveniently disconnected from power when needed. A protective cover with belt is used to secure the motor on the user, on a head stand, or stall door depending on personal preference. An electronic foot pedal is available (Motor M1p)

**Cordless motor EVOLUTION (M Evo):** The addition of a cordless motor increases mobility and reduces the risk of electrical shock and tripping. In addition, it offers a convenient solution to perform dentistry work literally in the field. The unit consists of a powerful motor (M), battery pack (B) and a control unit (C) to regulate the speed and it is worn comfortably on a hip belt . The motor connects to hand pieces via a reinforced flexible drive shaft. The cable is protected by an electronic clutch in the control unit and does not require shear pins. This system is lightweight, quiet, and mobile making it perfect for any environment. A pneumatic foot pedal is available (on/off).

For added convenience, the holster accessory secures the grinding hand piece while moving around. This accessory is available for right handed or left handed users (ACC-FF/FL).

The battery pack is charged with a 120V charger or with an optional cigarette plug charger for the car. The motor can also connect to Foredom brand grinding hand pieces using a Foredom drive shaft. Please call us for details.

**Service:** We are dedicated to providing the best service for all our instruments. Variation in use and work load makes it difficult to make an accurate service interval assessment for each HDE user, so we offer a free 6 month service on which we base our recommendations for future service schedules. Service kits are also available to perform your own HDE maintenance.
TERAFLOAT by Swissvet

Our float made in Switzerland

TERAFLOAT

The new Swissvet TERAFLOAT combines fifteen years of professional experience with Swiss engineering.

The Terafloat has all the features a dental float ought to have: it is light weight, battery powered, with a flexible shaft, the head can be rotated, and the disc or burrs are easily changed. It is water resistant, maintenance free, durable and affordable. It represents a new generation of dentistry instruments for routine or advanced procedures. Made in Switzerland.

TERAFLOAT consists of three parts, the motor, the shaft and the head. These three pieces are interchangeable.

Motor: Terafloat uses a 12V Milwaukee motor with variable speed trigger. The motor features an electronic shut-off protection whenever the grinding disk is blocked. The instrument is light weight and balanced, and designed to be used with one hand. The second hand may help in guiding the instrument.

The motor is fitted with M12 Li-ion batteries, (2.0Ah or 4.0Ah), and it has a LED light indicator for the remaining charge of the batteries. The battery charger has a plug that fits into a regular 120V wall plug as well as into a 12V cigarette lighter of a car.

Shaft: The shaft is light weight with three build in LED lights to illuminate the horses mouth during floating. The light stays on for five seconds after the trigger has been released to further examine the oral cavity. The shaft has a patent pending turntwist ® mechanism that allow the shaft to be straight or with a 6 degree angle.

Head: The head is easily changed and it is attached to the shaft in a way that allows it to be rotated in 90 degree increments. The grinding disks can easily be changed. Several grinding disks or burrs are available. The head is water resistant and maintenance free. No lubrication is needed.

Terafloat TF-B: basic set: Milwaukee 12M motor, 2.0 Ah batteries (2x), car/wall charger, one turnflex ® shaft, two heads; one with rotary disc, one head with apple core burr, carrying case.

Terafloat TF-ST: standard set: Two Milwaukee 12M motors, 2.0 Ah batteries (2x), 4.0 Ah batteries (2x), two car/wall chargers, two turnflex ® shaft, one head with rotary disc, one head with apple core burr and carrying case.

Grinding accessories: Diamond coated grinding disc small or large, apple core burr standard or long, diastemata burr short or long.

AVAILABLE March 2015: Pre-Order Now and Save
**STANDARD SPECULUM**

Affordable full mouth speculum for routine use.

Made of polished stainless steel with 5 large adjustment levels for routine use. The straps are made of Biothane, a dependable maintenance free leather imitation. Different incisor plates are available. The spreader bar can replace the nose strap to create a larger working space between the sides of the speculum and the cheek and can be used to suspend the horse’s head.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPEC-STD</td>
<td>Standard full mouth speculum, stainless with Biothane straps. Choose plates separately.</td>
</tr>
<tr>
<td>SP-STDN</td>
<td>Standard plates normal width (1).</td>
</tr>
<tr>
<td>SP-CIRE</td>
<td>Circular plates, extended width (2).</td>
</tr>
<tr>
<td>SP-SB</td>
<td>spreader bar</td>
</tr>
</tbody>
</table>

**PONY SPECULUM**

Affordable full mouth speculum for miniature horses.

Same design as the standard speculum, but in a smaller size for miniature horses or small ponies. Straps are made of Biothane. This speculum comes with plates.

<table>
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<tr>
<td>SPEC-PON</td>
<td>Standard full mouth speculum, stainless with Biothane straps. With plates.</td>
</tr>
</tbody>
</table>

**OPTIMUM SPECULUM**

Larger side piece for superior lateral access, easier to open, finer adjustment.

Made of polished stainless steel with 22 small adjustment levels for finer control. The straps are made of Biothane, a dependable maintenance free leather imitation. Different incisor plates are available. The spreader bar can replace the nose strap to create a larger working space between the sides of the speculum and the cheek and can be used to suspend the horse’s head.

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>SPEC-OPT</td>
<td>Optimum full mouth speculum, stainless with Biothane straps. Choose plates separately.</td>
</tr>
<tr>
<td>SP-STDN</td>
<td>Standard plates, normal width (1).</td>
</tr>
<tr>
<td>SP-CIRE</td>
<td>Circular plates, extended width (2).</td>
</tr>
<tr>
<td>SP-SB</td>
<td>spreader bar</td>
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**SWISSVET INCISOR SPECULUM**

Simple and easy to use. Least expensive

This straightforward speculum is great for routine incisor work. It is made of flexible PVC pipe with an adjustable length bungee cord. It is easy to use and is very comfortable for the horse.

<table>
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<tr>
<td>SPEC-INC</td>
<td>Swissvet incisor speculum with adjustable strap</td>
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</table>

**SPECULUM ACCESSORIES**

Choose and add special features. For Standard and Optimum speculum only.

**Speculum Plates:** two options: a standard plate (1) outlining the incisor alignment. With a caudal ridge securing the position of the speculum. Half circle shape (2): a larger contact area provides secure contact in older horses or for those with incisor overbite.

**Spreader bar:** keeps speculum sides away from cheek and is used to raise the head.

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<td>Standard plates, normal width (1).</td>
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<tr>
<td>SP-CIRE</td>
<td>Circular plates, extended width (2).</td>
</tr>
<tr>
<td>SP-SB</td>
<td>spreader bar; to suspend speculum and spreading the speculum sides away from cheek</td>
</tr>
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</table>

Looking for something else? Contact Swissvet; we offer a wide range of additional instruments and accessories for equine dentistry (877) 794 7735
Speculums

CONRAD STYLE SPECULUM
A classic style for easy opening, aluminum or stainless.

A great aluminum or stainless steel speculum with 18 adjustment levels and a large ventral lever for easy opening and exact adjustment. The straps are made of Biothane, a dependable maintenance free leather imitation. Large half circle shaped incisor plates are rubber covered. The solid construction has wide sides to assure easy access to molar cheek teeth during examination and treatment.

SPEC-COA: Conrad style speculum aluminium with biothane straps
SPEC-COS: Conrad style speculum stainless with biothane straps

VIENNA SPECULUM
Effortless opening, highly safe to both user and horse.

Designed by European equine dentistry pioneers the Austrian Drs. H. Simhofer and J.P. Schramel. This German made full mouth speculum features the highest quality manufacturing with surgical grade stainless steel and leather straps. It is easy to open by turning the central handle piece and the large incisor plates ensure the safety of the patient and user. It comes with an attachment strap for suspending the horse’s head.

SPEC-VIN: Vienna type full mouth speculum, stainless steel, leather straps

MAGNUM SPECULUM
Solid and great. Easy to open.

This stainless steel full mouth speculum is easy to open and it has a fine adjustment for exact opening. The large incisor plates provide a secure positioning of the incisors. Leather or biothane straps.

SPEC-MAG: Magnum full mouth speculum with plates, stainless steel

MODIFIED GUNTER SPECULUM
A classic style for easy opening, with adjustable incisor plates.

This modified Gunther speculum has all the features of a standard Gunter speculum, but the maxillary incisor plates can deviate to the side, allowing a excursion of the maxilla. This is used to improve the quality of certain radiology views or for certain surgical procedures. Made of stainless steel with a biothane strap.

SPEC-GUM: Modified Gunter speculum

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EXAMINATION set

Essential instruments for periodontal work. Needed for proper examination of the equine teeth.

Painful periodontal disease are easily missed or underestimated without the proper instruments. This set includes a mirror, a periodontal probe (with two screw-on probes) and Gracey curettes (left and right) to clean periodontal spaces. A strong hook is essential to examine the tooth surface. Made of stainless steel.

EXP - set: mirror, explorer hook, periodontal probe (two tips), Gracey curette (L/R)
Mir-N: Dental mirror round w. stainless handle

EXTRACTION sets

Wolf tooth extraction
Adequate elevation is essential for any tooth extraction. We offer a small and a large set as well as a Burgess set.

Small set
The small WT extraction set includes two elevators, and three forceps. An affordable solution to extract wolf teeth

Large set
The large set is suited to extract any wolf tooth, not matter what shape or location. The set includes four elevators, each specially shaped for the four sides of a tooth. Two forceps get the job done. An additional large forceps for larger wolf teeth as well as a curette for smoothing the tooth socket are included in the set.

Burgess set
The German made Burgess set makes the elevation of wolf teeth very easy. With different inserts for each size of a wolf tooth.

Cap extractor set
Two cap extractors, in stainless steel, differently shaped to reach upper and lower deciduous cheek teeth.

Molar elevator: set of two elevators, made in Germany stainless

Molar extractor set
This set includes five essential extraction forceps for intraoral cheek tooth extraction: three finger right and left (3R and 3L), four finger (4) an universal extractor (U) and a molar spreader (S) Stainless steel.

WT-set: two forceps, four elevators
CAP-set: two cap deciduous cheek tooth extractor forceps
MEL - set: Molar elevator set, two elevators flat head, made in Germany
MEX-set: molar extraction set of five instruments, three finger right and left, four fingers, universal, spreader
FUL: fulcrum, stainless steel, with two hard plastic blocs (no image)

Looking for something else? Contact Swissvet; we offer a wide range of additional instruments and accessories for equine dentistry (877) 794 7735
**HOOFJACK HEADSTAND**

*Affordable and safe, convenient to store, easy to clean.*

**NEW articulating cradle**

With a round and stable plastic base this is a very affordable and safe solution to support the head of a horse during a dental procedure. It is easy to clean and easy to transport. The instrument rack is conveniently attached to the base and holds all the instruments needed for the dentistry work, and the motor is suspended at the cradle. Made in the USA.

**LED mirror**

*Greatly facilitates the detailed examination of the dental arcades, interdental spaces.*

A built in LED light with a AA battery provides excellent light to the mirror. Great for examination and client education. Made by Dr. Fritz in Germany for Swissvet.

**DENTAL ENDSCOPE Dr. Fritz Germany**

*Endoscopy offers impeccable results for dental examination.*

The digital LED endoscope made in Germany by Dr. Fritz is the #1 scope for equine dentists. Advantages of endoscopy include:

- wireless technique (still picture/video)
- Straight endoscope with mirror sheath
- Sturdy design with easy handling and quick cleaning
- Perfect for data recording, client information and student education

**Dental Endoscope wireless**

*Enjoy complete freedom during examination*

Rigid dental endoscope with integrated LED light, integrated battery and sending unit

Specs: straight, 15mm, 52cm (20.5”);
Mirror sheath with 90 degree mirror
4” wireless monitor with micro SD card for recording (still/video)
8” wireless monitor with sun shade
power transformer (110-230VAC), software for PC, incl. connection cables and transportation case compatible to analog monitors and/or computer
with 7” plug in monitor and wireless module: battery, sender and USB receiver unit

**VIDEO receiver for wireless endoscopes**

Connecting to TV via video cable

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Other dentistry instruments (elevators, forceps etc) are available—contact Swissvet and for details.