

TERAFLOAT®

POWER DENTISTRY



TERAFLOAT®

Designed and Manufactured in Switzerland
for Swissvet Veterinary Products



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FOR VETS FROM A VET

Terafloat GmbH, with locations in Switzerland and Germany, was founded by the Swiss veterinarian Dr Ruedi Steiger, DACVIM. After completing his studies in Zurich, he worked in Switzerland as an equine veterinarian at the university and in private practice. Eventually, he moved to the USA to complete a residency in equine internal medicine.

However, he found his true passion in equine dentistry. Dr Steiger practices equine dentistry and teaches at universities in the USA and veterinary and student courses worldwide.

His expertise in equine dentistry, along with his deep technical understanding and worldwide contacts with dental specialists, make him the perfect partner for Powerdentistry.

Terafloat Europe GmbH sells and services the Terafloat and offers equine dentistry accessories.



YOUR PARTNER FOR EQUINE POWERDENTISTRY



TERAFLOAT
POWERDENTISTRY

The concept of the Terafloat is simple: a light-weight instrument with lithium batteries and a range of interchangeable shafts with unique features. The combination of modern materials, a smart design and Swiss quality makes the Terafloat the perfect instrument for state-of-the-art equine dentistry treatment of the 21st century.

Since its introduction in 2015, the Terafloat has been a tremendous success among equine veterinarians worldwide and it is equally liked by horse owners and trainers.

SWISS DESIGN



TERAFLOAT: ONE NAME - THREE LINES



ECO
STAINLESSS STEEL SHAFT

LED
ALU SHAFT AND LED LIGHT

FLX
FLEXILBE DRIVE SHAFT

Terafloat offers three lines of power instruments: The ECO line, the LED line and the FLX line. Each line has a wide range of instrument sets from basic to professional, to satisfy every budget and every treatment approach. Together they meet the demands from the general large animal practitioner to the equine dentistry specialist.

Assembly and service is performed in several locations around the world. The Terafloat is distributed in over 20 countries. Swiss quality and exceptional service are standard.



TURNFLEX SHAFT



TURNFLEX SHAFT



ROTATING HEAD



DIAMOND DISCS & BURRS



INTERCHANGEABLE HEADS

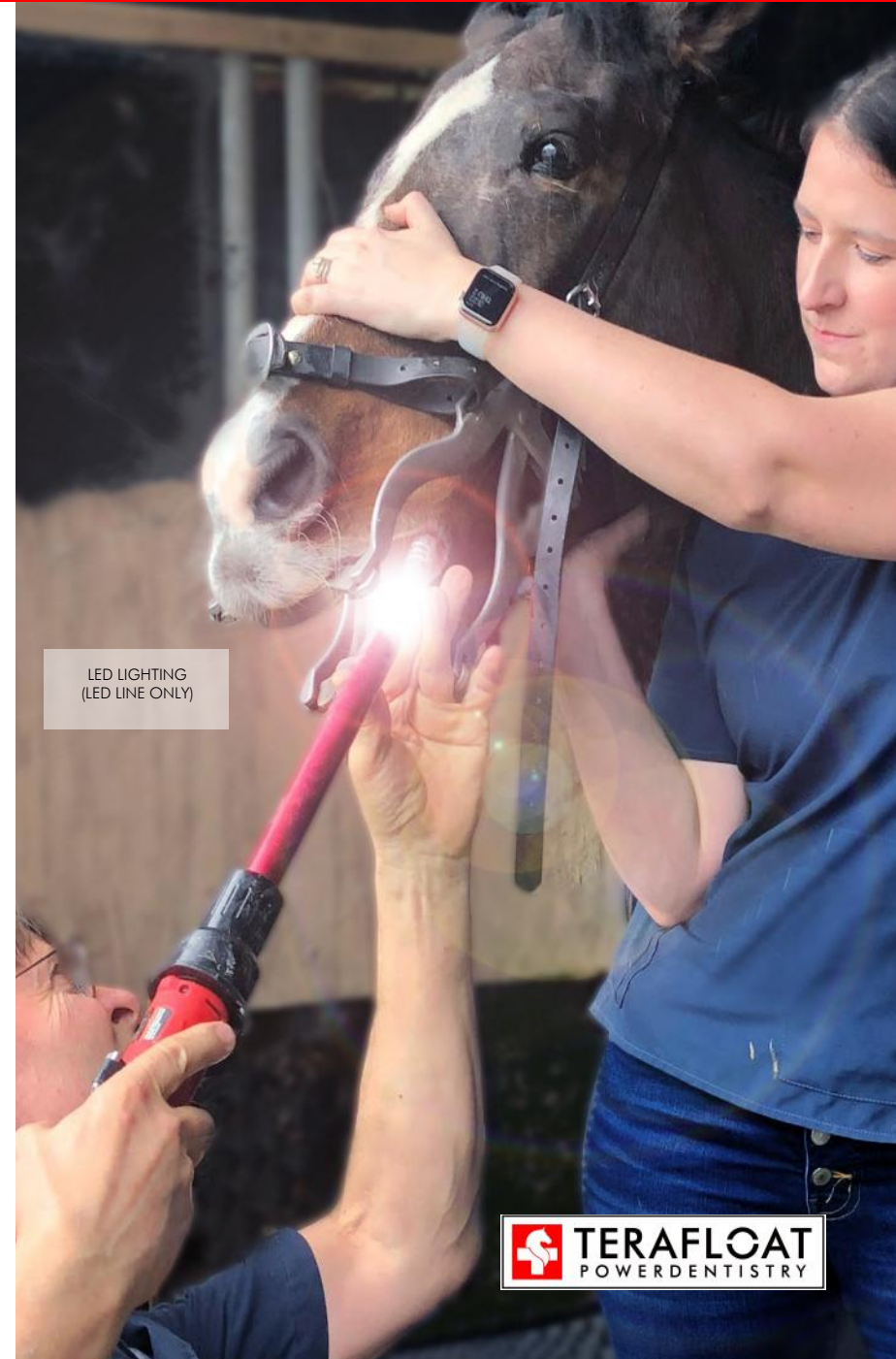


LED DISC SHAFT

LED APPLE CORE SHAFT

THE ROUTINE SHAFT

- with Turnflex mechanism, allows switching between straight and angled shaft
- with different grinding heads
- with different grinding discs and burs
- with LED lights in the LED line
- for all lines: ECO, LED and FLX



LED LIGHTING
(LED LINE ONLY)

THE SPECIALTY SHAFTS

Pony shaft: The thin profile easily reaches tight spots. The perfect shaft when things get tight. For ponies or extreme hooks.
Incisor shaft: Grinding or cutting. With large protection for comfortable guidance of the handpiece.

All lines have these specialty shafts: ECO, LED and FLX

PONY SHAFT

INCISOR SHAFT



THIN PROFILE WITH SIDE PROTECTION



DIAMOND DISC WITH PROTECTION



SPECIALTY SHAFTS IN USE



ADDITIONAL PROFILING HANDPIECE FOR THE FLX LINE



SPECIALTY SHAFTS

TERAFLOAT LED: THE LIGHT-WEIGHT PERFECTION



THE LED LINE

The Terafloat LED line features:

- Variable speed
- Trigger locking switch
- Electronic shut-off protection
- Lithium batteries 3Ah
- Battery charge indicator lights
- Removable shafts
- Wired for LED shaft
- Turnflex and specialty shafts



T-0015: TERAFLOAT LED STANDARD SET

Two motors and two LED Shafts: Turnflex Shaft with disc T3 and Turnflex Shaft with Apple Core Burr A2. Three batteries, charger, accessory bag and case.

LED SETS



T-0005: TERAFLOAT LED BASIC SET

Motor and Turnflex Shaft LED with disc T3. Two batteries, charger, accessory bag and case.



T-0008: TERAFLOAT LED BASIC PLUS SET

Turnflex Shaft LED with disc T3 and additional head with Apple Core Burr A2. Two batteries, charger, accessory bag and case.



T-0051: TERAFLOAT LED ADVANCED SET (INCISOR)

Two motors and three LED Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2 and Incisor Shaft. Three batteries, charger, accessory bag and case.



T-0054: TERAFLOAT LED ADVANCED SET (PONY)

Two motors and three LED Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2 and Pony Shaft. Three batteries, charger, accessory bag and case.



T-0012: TERAFLOAT LED PROFESSIONAL XS SET

Two motors and four LED Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Pony Shaft and Incisor Shaft. Three batteries, charger, accessory bag and case.



T-0057: TERAFLOAT LED PROFESSIONAL XL SET

Four motors and four LED Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Pony Shaft and Incisor Shaft. Six batteries, 4-bay Charger, accessory bag, incisor speculum and large case.

TERAFLOAT ECO: FOR EVERYDAY USE



THE ECO LINE

The Terafloat ECO line features:

- Variable speed
- Trigger locking switch
- Electronic shut-off protection
- Lithium batteries 3Ah
- Battery charge indicator lights
- Removable shafts
- Turnflex and specialty shafts



T-0043: TERAFLOAT ECO STANDARD SET

Two motors and two ECO Shafts: Turnflex Shaft ECO with disc T3 and Turnflex Shaft ECO with Apple Core Burr A2. Three batteries, charger, accessory bag and case.



T-0037: TERAFLOAT ECO BASIC SET

Motor and Turnflex shaft ECO with disc T3. Two batteries, charger, accessory bag and case.



T-0040: TERAFLOAT ECO BASIC PLUS SET

Motor and Turnflex Shaft ECO with disc T3 and additional head with Apple Core Burr A2. Two batteries, charger, accessory bag and case.



T-0061: TERAFLOAT ECO ADVANCED SET (INCISOR)

Two motors and three ECO Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2 and Incisor Shaft. Three batteries, charger, accessory bag and case.



T-0002: TERAFLOAT ECO ADVANCED SET (PONY)

Two motors and three ECO Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2 and Pony Shaft. Three batteries, charger, accessory bag and case.



T-0028: TERAFLOAT ECO PROFESSIONAL XS SET

Two motors and four ECO Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Pony Shaft and Incisor Shaft. Three batteries, charger, accessory bag and case.



T-0064: TERAFLOAT ECO PROFESSIONAL XL SET

Four motors and four ECO Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Pony Shaft and Incisor Shaft. Six batteries, 4-bay charger, accessory bag, incisor speculum and large case.

TERAFLOAT FLX: THE FLEXIBLE SOLUTION



The Terafloat FLX line features:

- Variable speed trigger with trigger lock
- Electronic shut-off protection
- Lithium batteries 3Ah
- Battery charge indicator lights
- Carrying belt with pivoting motor clip
- Holster for grinding shaft
- Reinforced flexible drive shaft
- Waterproof magnetic quick connection
- Turnflex shafts and specialty shafts

THE FLX LINE



BESTSELLER



T-0084: TERAFLOAT FLX STANDARD SET

Motor with waist belt, Flexdrive and two FLX Shafts: Turnflex Shaft with disc T3 and Turnflex Shaft with Apple Core Burr A2. Three batteries, charger, accessory bag and case.



T-0078: TERAFLOAT FLX BASIC SET

Motor with waist belt, Flexdrive and Turnflex FLX Shaft with disc T3, three batteries, charger, accessory bag and case.



T-0081: TERAFLOAT FLX BASIC PLUS SET

Motor with waist belt, Flexdrive and Turnflex FLX Shaft with disc T3. Additional head with Apple Core Burr A2. Three batteries, charger, accessory bag and case.



T-0090: TERAFLOAT FLX ADVANCED SET (INCISOR)

Motor with waist belt, Flexdrive and three FLX Shafts: Turnflex Shaft with disc T3 and Turnflex Shaft with Apple Core Burr A2 and Incisor Shaft. Three batteries, charger, accessory bag and case.



T-0097: TERAFLOAT FLX ADVANCED SET (PONY)

Motor with waist belt, Flexdrive and three FLX Shafts: Turnflex Shaft with disc T3 and Turnflex Shaft with Apple Core Burr A2 and Pony Shaft. Three batteries, charger, accessory bag and case.



T-0093: TERAFLOAT FLX PROFESSIONAL XS SET

Motor with waist belt, Flexdrive and four FLX Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Incisor Shaft and Pony Shaft. Three batteries, charger, accessory bag and case.



T-0110: TERAFLOAT FLX PROFESSIONAL XL SET

Motor with waist belt, Flexdrive and five FLX Shafts: Turnflex Shaft with disc T3, Turnflex Shaft with Apple Core Burr A2, Incisor Shaft, Pony Shaft and Profiling Shaft with large burr or small burr with guard. Three batteries, charger, accessory bag, incisor speculum and case.

COMPONENTS



Diastema Burr D1 (T-0261)

Short conical-tipped diamond-coated diastema burr D1 for non-guarded head



Diastema Burr D2 (T-0262)

Long cylindrical diamond-coated diastema burr D2 for non-guarded head



Diastema Burr D3 (T-0263)

Extra long cylindrical diamond-coated diastema burr D3 for non-guarded head



Apple Core Burr Canine A4 (T-0217)

Diamond-coated apple core burr for non-guarded head with additional inside coating for canine work



Incisor Wheel S1 (T-0285)

Large cutting and grinding wheel S1 for Incisor Shaft



Rotary disc T3 (T-0206)

Diamond-coated rotary disc T3 for guarded head



Burr P1 (T-0283)

Cylindrical profiling burr for pony shaft or profiling shaft

T-0283 for Pony or Profiling with guard
T-0284 for Profiling without guard



Cylindrical Burr large Z1 (T-0221)

Diamond-coated cylindrical burr large Z1 for non-guarded head



Incisor Shaft ECO (T-0159)

Incisor shaft with guard, with incisor wheel S1, connects to motor L1 (LED line) or motor EF (ECO line)



Incisor Shaft FLX (T-0144)

Incisor shaft FLX with guard, with incisor wheel S1, connects to flexdrive



Profiling Shaft FLX (T-0147)

Profiling Shaft FLX without guard, with large burr P2, connects to flexdrive



Apple Core Burr A2 (T-0212)

Diamond-coated apple core burr A2 for non-guarded head



Clinic Charger (T-0129)

4 bay charger for 12V Terafloat Batteries



3.0Ah Battery 12V (T-0122)

12V Lithium Battery for all Terafloat motors, 3.0Ah rechargeable



Pony Shaft LED (T-0157)

Pony shaft LED with built-in LED lights, with small guarded burr P1, connects to Motor L1



Pony Shaft ECO (T-0156)

Pony shaft ECO with guard, with small burr P1, connects to Motor EF



Pony Shaft FLX (T-0143)

Profiling shaft FLX without guard, with large burr P2, connects to flexdrive

WIRELESS ENDOSCOPE DS2542HD



The DS2542HD digital endoscope is the ideal solution for examining the oral cavity in horses. The wireless connection allows seamless pairing with laptops, tablets, or smartphones – compatible with both Android and Apple devices.

Thanks to close-focus capability, excellent balance, convenient image storage, and efficient patient management, the DS2542HD is the most practical oroscope for equine dentistry.

A well-designed, user-oriented, and modern solution for professional dental endoscopy in horses.

Technical Specifications:

- **Image sensor:** 1/6" CMOS sensor
- **Resolution:** 1920×1080, 30 fps
- **Waterproof rating:** IPx6
- **Battery:** Removable 21700 Li-Ion
- **Run time:** Up to 5 hours
- **Shaft:** 420 mm, Ø10 mm, 70°
- **Field of view:** >100°
- **Focus range / viewing depth:** 8–100 mm
- **Dimensions:** 145 x 44 x 40 mm



DENTAL ACCESSORIES



Standard Speculum (S-0012)

McPherson style speculum, 5 adjustment levels, stainless steel (magnetic) with Biothane straps, standard and half-circle plates



Sliverslide Speculum (S-0024)

Large size full-mouth speculum made by Capps USA with locking slide mechanism, half-circle plates, stainless steel



Cheek Retractor (S-0031)

Stainless steel cheek retractor for full-mouth speculums



Optimum Speculum (S-0015)

Millennium style speculum, 22 adjustment levels, stainless steel (magnetic) with Biothane straps, standard and half-circle plates



Mighty Speculum (S-0023)

Mighty full-mouth speculum made by Capps USA with half circle plates, Biothane straps, stainless steel



Flush Syringe 400ml (S-0110)

Flush syringe 400ml, two-handed model, with spare seal



Standard Plates (S-0050)

Half Circle Plates (S-0054)

Straight Plates (S-0058)

Endodontic Plates (S-0060)



Pony Mighty Speculum (S-0019)

Pony-sized stainless steel speculum, Mighty style, with Biothane straps and half-circle plates



Flush Syringe 300ml (S-0111)

Flush syringe with pistol grip 300ml, one-handed model, with spare seal



Spreader Bar (S-0030)

Stainless steel spreader bar for full-mouth speculums (fits McPherson or Millennium type speculums)



Modified Gunther Speculum (S-0022)

Modified Gunther speculum with moveable bite plates for MITSE technique; stainless steel with Biothane straps



Milwaukee Handheld Sprayer (S-0430)

Milwaukee sprayer with stainless steel nozzle arm, 12V motor with three power settings, uses Terafloat batteries. Sprayer without battery and charger.



Vienna Speculum (S-0018)

Standard-sized stainless steel speculum, with handle, with leather straps and half-circle plates, made in Germany



Incisor Speculum (S-0026)

Incisor speculum with adjustable elastic strap



Dental Head Ring Capps (S-0038)

Equine dental ring by Capps USA, Biothane straps, rubber coated steel

Headstand Standard (S-0035)

Hoofjack head stand, standard model with a red base



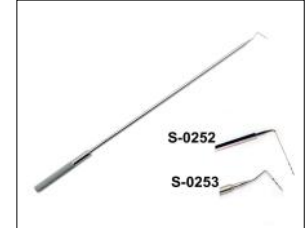
Illuminated Dental Mirror 48mm (S-0042)

Illuminated dental mirror 48mm with LED light, one AA battery, and protective pouch. Replacement mirror available upon request (S-0044)



Periodontometer Set (S-0250)

German Periodontometer set with stainless steel handle, 2 screw-on tips
Long 90 deg (S-0252)
Short 60 deg (S-0253)



Headstand Articulated (S-0036)

Hoofjack head stand with advanced articulated cradle and a red base



Dental Mirror Oval 40x60 (S-0043)

Dental mirror oval 40-60mm, with T-handle, stainless steel
Replacement mirror upon request (S-0047)



Examination Set (S-0400)

Examination and exploration set with 2 handles, straight (S-0403) and T-bar (S-0402), 12 screw on tips (S-0401), and pouch



Instrument Rack (S-0037)

Instrument rack for Hoofjack head stand



Wireless Dental Endoscope (S-1881)

Wireless endoscope WS2542HD with Full HD (1920 x 1080), LED lighting, 5V charger, two 5.0Ah batteries. Compatible with Android, iOS and Windows. Tablet not included.



Trepanation Set (S-0410)

Trepanation set, two burrs, 19mm, 22mm stainless steel



LED Head Light Terafloat (S-0005)

Rechargeable LED head light with elastic strap, USB cable, plug, and spare light – one for use, one for charging



Noonee Chairless Chair 2.0

For ergonomic work, sitting or walking without effort

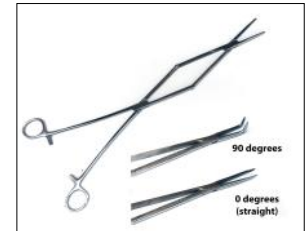
Low Edition (S-0900)

High Edition (S-0901)



Alligator Set (S-0408)

Set of two alligator forceps, 30cm, stainless steel
90 degrees curved nose (S-0406)
0 degrees straight nose (S-0407)



Dental Mirror 50mm (S-0040)

Dental mirror 50mm, stainless with T-handle. Replacement mirror available upon request (S-0041)



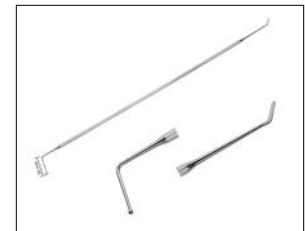
Tarter Removal Scaler (S-0405)

Scaler with flat and point tip, stainless steel

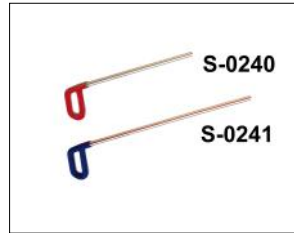


Scaler Filling Instrument (S-0417)

Erbrich filling instrument for diastema treatment, with scaler end and ball point 2.8 mm, made in Germany



DENTAL ACCESSORIES



Hippodent Handle short (S-0240) or long (S-0241)

Short Hippodent hand float handle 30cm with pistol grip or long Hippodent hand float handle 48 cm with pistol grip: with-out blade (made in Germany)



Hippodent Blades with carbide chips

(S-0242) Straight blade

(S-0243) Curved up blade (for caudal area)

(S-0244) Curved down blade (for rostral area)



S-Float (S-0101)

S-shaped hand float with carbide chips (Made in Germany)



Instrument Box with lid

Instrument box with lid, stainless steel S-0203: 20x10x5cm, for Wolf Tooth Extraction Set

S-0207: 34x16,5x10cm, for Incisor Extraction Set



Wolf Tooth Set Small (S-0201)

Wolf tooth extraction set with 3 elevators, 2 forceps, and pouch



Wolf Tooth Set Large (S-0202)

Wolf tooth extraction set with 5 elevators, 5 forceps, one scaler, and stainless steel instrument box



Wolf Tooth Elevator (S-0150-154)

Wolf tooth elevator, single instrument S-0150 straight, S-0151 right, S-0152 left, S-0153 palatal, S-0154 buccal, stainless steel



Wolf Tooth Forceps (S-0165-169)

Wolf tooth forceps, single instrument S-0165 fine, S-0166 medium, S-0167 large, S-0168 90 degrees up, S-0169 90 degrees side, stainless steel



Wolf Tooth Elevator Set Long (S-0204)

Set of 3 stainless steel elevators and 4 forceps, 30cm long



Wolf Tooth Set Long (S-0200)

Set of 3 stainless steel elevators and 4 forceps, 30cm long



Incisor Spreader (S-0311)

Incisor Spreader, 22cm, stainless steel



Incisor Forceps (S-0302)

Stainless steel forceps with 25cm handle



Incisor Forceps 90 Deg (S-0310)

Incisor forceps 90 degrees for loosening of incisor teeth, stainless steel



Incisor Chisel Set (S-0425)

Stainless steel chisel set for incisor extraction. Two straight chisels (3mm and 5mm) two curved chisels (3mm and 5mm), robust elevator and two round elevators



Incisor Flex Chisel Set (S-0440)

Flex chisel set consisting of handle (S-0441), changing key (S-0442) and three flexible blades (4x40: S-0443, 4x60: S-0444, 6x40: S-0445, stainless steel and Delrin handle



Incisor Extraction Set (S-0301)

Two incisor forceps: Gooseneck and 90 degrees, spreader, mallet, fine elevator, incisor flex chisel, three blades with changing key, incisor chisel set of 7; stainless steel with case



Mallet 1000gr (S-0305)

Stainless steel mallet, 18cm, 1000gr

Mallet light 250gr (S-0312)

Stainless steel mallet, 22cm, 250 gr

**Universal Fragment forceps (S-0321)**

Universal, strong fragment forceps, 50mm nose, 30cm long, stainless steel

**Molar Extraction Forceps 4P (S-0228)**

Stainless steel 4-prong forceps with 48cm round handle

**Molar Caps Forceps set (S-0220)**

Set of two 30cm flat jaw forceps for caps removal, straight and curved for maxillary and mandibular deciduous cheek tooth removal

**Molar Fragment Forceps Set (S-0320)**

Molar fragment extraction set with 3 stainless steel fragment forceps (20, 40, and 60mm)

**Molar Extraction Set (S-0225)**

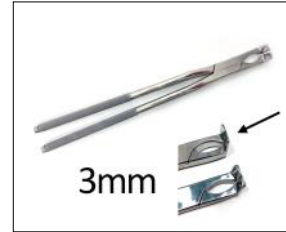
Stainless steel extraction forceps set with (1) 3-prong left, (1) 3-prong right, (1) 4-prong, (1) molar spreader, and transport pouch

**Reverse Molar Forceps straight (S-0239)**

Reverse Molar extraction forceps for first cheek tooth, straight, stainless steel, 30cm

**Molar Spreader Long 3mm (S-0231)**

Stainless steel standard spreader with 3mm blades and 48cm round handle

**Molar Extraction Universal Short (S-0224)**

Stainless steel forceps with flat serrated 16mm jaw, 48 cm round handle

**Reverse Molar Forceps curved (S-0245)**

Reverse Molar extraction forceps for first cheek tooth, curved, stainless steel, 30cm

**Molar Spreader Long 6mm (S-0238)**

Stainless steel standard spreader with 6mm blades and 48cm round handle

**Molar Forceps Universal Long (S-0229)**

Stainless steel forceps with flat serrated 25mm jaw, 48 cm round handle

**Gingiva Elevator Set (S-0418)**

Set of 2 stainless steel T-bar handle elevators for gingiva or fragments

**Molar Extraction Forceps 3P Left (S-0226)**

Stainless steel 3-prong (one left) forceps with 48cm round handle

**Molar Extraction Forceps 4P Pony (S-0233)**

Stainless steel pony sized 4-prong forceps with 48cm round handle

**Fulcrum Set (S-0236)**

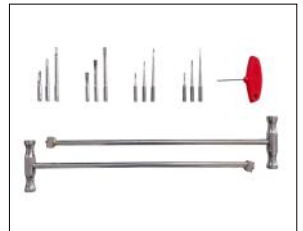
Hypomochlion with stainless steel handle and 7 aluminum blocks

**Molar Extraction Forceps 3P Right (S-0227)**

Stainless steel 3-prong (one right) forceps with 48cm round handle

**Hexagonal Elevator Set (S-0419)**

Gingiva and molar fragment elevator set with 2 T-bar handles and 12 inserts (4 x 3 pcs.), stainless steel



FREE DEMO EQUIPMENT



WE RECOMMEND AN ANNUAL SERVICE AND OFFER FREE REPLACEMENT UNITS.

WWW.TERAFLOAT.COM