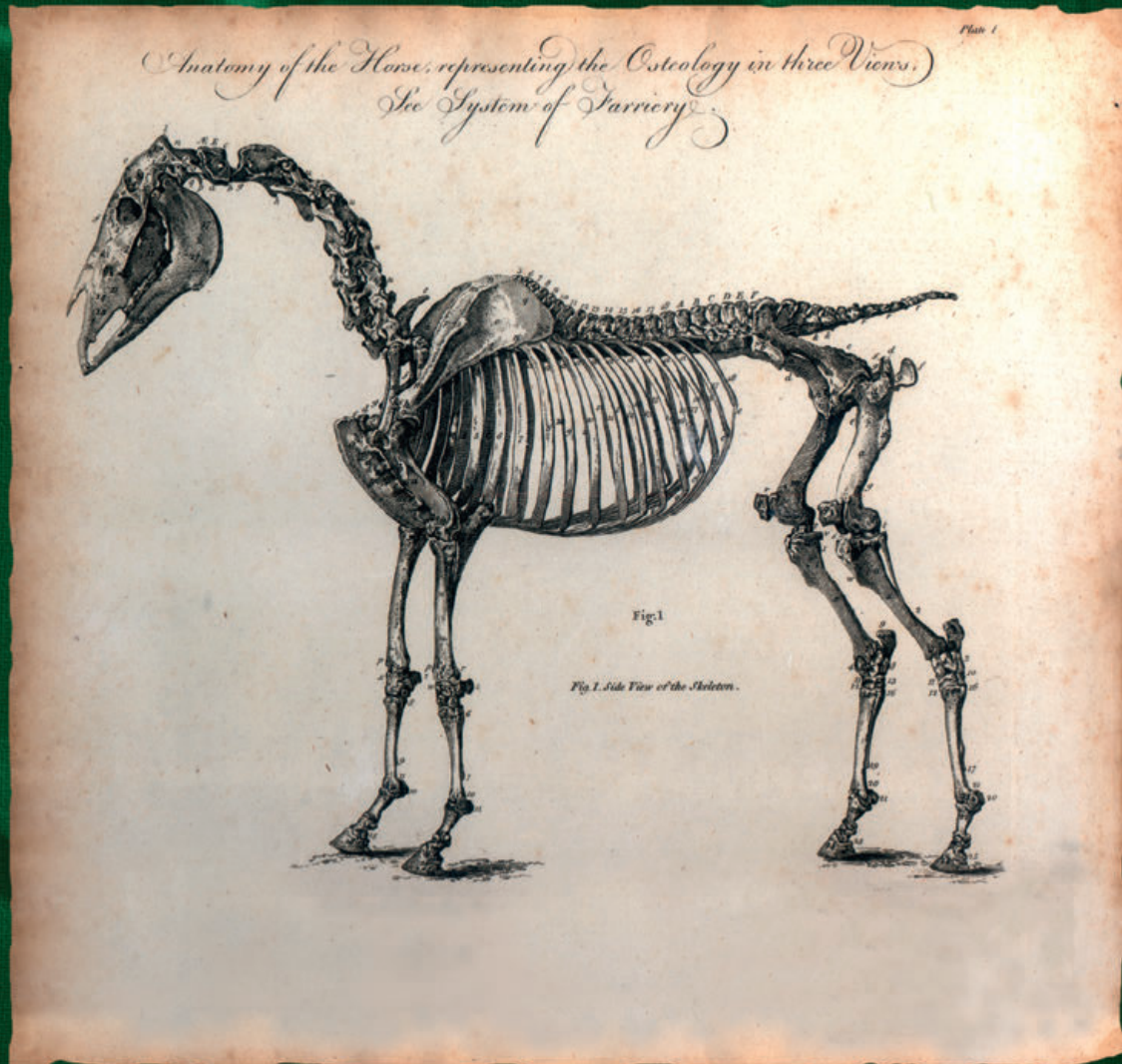


VETERINARY INSTRUMENTATION

A  HENRY SCHEIN® COMPANY



EQUINE & LARGE ANIMAL

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Welcome

Dear Colleague,

Welcome to our latest Equine and Large Animal catalogue which has been extensively revised. As you can see below, there are many new items which I hope will be of interest.

Equine dentistry, although one of the earliest subjects for Veterinary Instrumentation, has undergone many developments reflecting the current science behind the management of dental problems and the changes in technology in the instruments industry. New Rasps, Forceps, Dental Picks and Surgical items feature in this section. We are particularly pleased to offer the Dearson range of Motorised Power Rasps and Burs. Dealing with diastemata can be particularly challenging and a number of dedicated instruments are included for the first time.

The soft tissue and orthopaedics sections include several new implants and instruments. Only part of our general surgical range is illustrated. If you do not see what you are looking for please call our Veterinary Technical Support Team and they will track it down for you. Remember, our instruments carry a lifetime warranty.

I would like to introduce David Strong, MRCVS as Veterinary Instrumentation's Product Development Manager. David's experience in general practice together with CAD (Computer Aided Design), and engineering skills enable him to bring new ideas through to practical implants and instruments within a short timeframe. If you have an idea which you feel might make a difference contact him at david@vetinst.com. You will receive naming rights and a royalty if it is viable.



Best regards.....

John Lapish. BSc., B.Vet.Med., MRCVS
Chairman, Veterinary Instrumentation.



John Lapish BSc., BVetMed., MRCVS.
Chairman

In 2003 John was awarded the BSAVA 'Simon Award' in recognition of the welfare benefits of the range of instruments he has developed for use in small animal surgery.



BSAVA Simon Award



New Products



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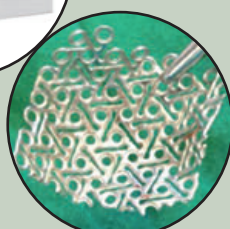
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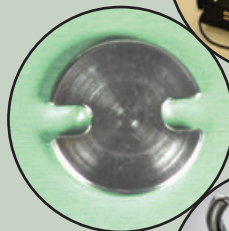


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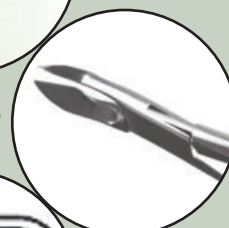


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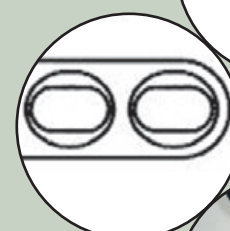


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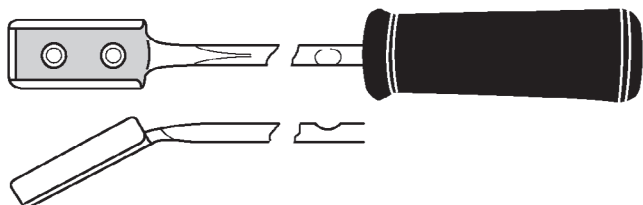
Equine Tooth Rasps

Our Tooth Rasps are manufactured from premium quality 316 Stainless Steel, bright polished and fitted with a Neoprene handle for comfort. They all feature a notch close to the handle to show the position of the head.

Box Head Tooth Rasps (blade not included)

A T-wrench is included for blade removal and they can be used with solid tungsten carbide blades, tungsten carbide chip blades or traditional steel blades.

Angled Upper Premolar

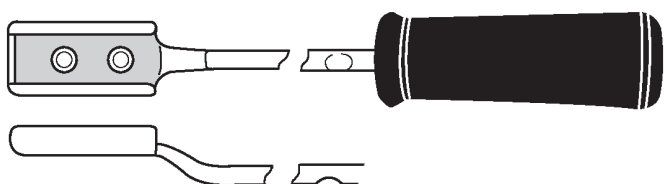


Short box to take rasp blades ED0020 to ED0020d and ED0021.

ANGLED UPPER PREMOLAR

ED0001	Angled Upper Premolar 35cm (14") Long	£95.00
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Straight Premolar

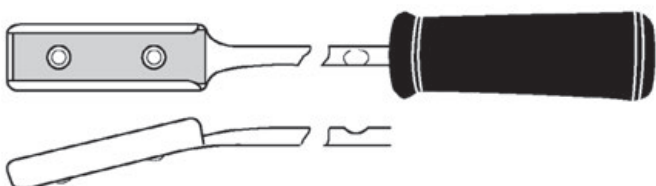


Short box to take rasp blades ED0020 to ED0020d and ED0021.

STRAIGHT PREMOLAR

ED0001s	Straight Premolar 35cm (14") Long	£95.00
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Angled Upper Molar

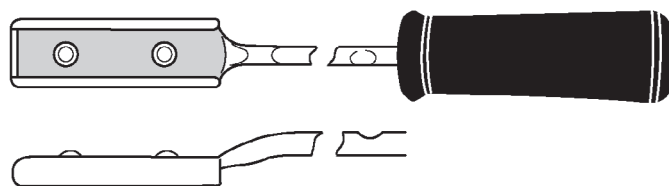


Standard box to take rasp blades ED0021a to ED0021e.

ANGLED UPPER MOLAR

ED0002	Angled Upper Molar 45cm (18") Long	£95.00
ED0003	Angled Upper Molar 60cm (24") Long	£95.00

Straight Lower Molar

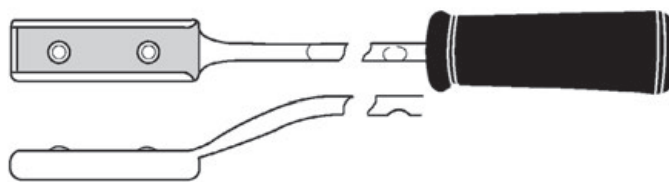


Standard box to take rasp blades ED0021a to ED0021e.

STRAIGHT LOWER MOLAR

ED0004	Straight Lower Molar 45cm (18") Long	£95.00
ED0005	Straight Lower Molar 60cm (24") Long	£95.00

Offset Lower Molar

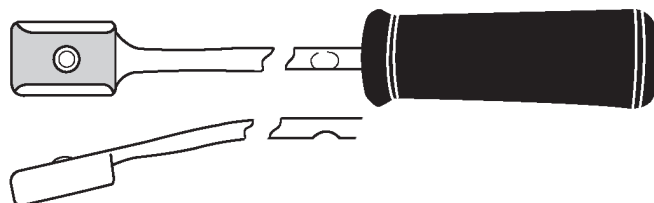


Standard box to take rasp blades ED0021a to ED0021e.

OFFSET LOWER MOLAR

ED0005b	Offset Lower Molar 45cm (18") Long	£95.00
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Obtuse Angled Last Molar Hooks

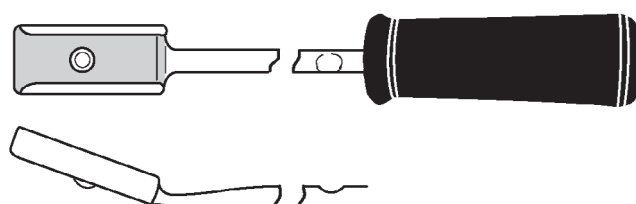


Short open box to take rasp blades ED0021 only.

OBTUSE ANGLED LAST MOLAR/ HOOKS

ED0005c	Obtuse Angled Last Molar/ Hooks 53cm (21") Long	£95.00
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Obtuse Angled Last Upper Molar/ Hooks



Short box to take rasp blades ED0020a to ED0020d and ED0021.

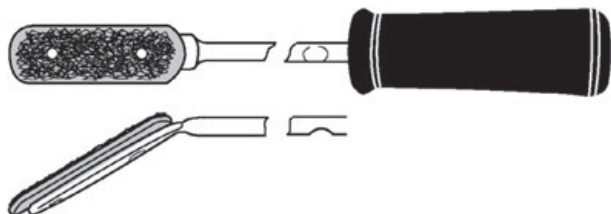
OBTUSE ANGLED LAST UPPER MOLAR/ HOOKS

ED0005a	Angled Upper Molar 58cm (23") Long	£95.00
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Flat Head Tooth Rasps

Included is a concave tungsten carbide chip blade, designed to stay on the tooth surface more easily. Screws take a standard screwdriver which is not included.

Small Universal Angled Upper Molar

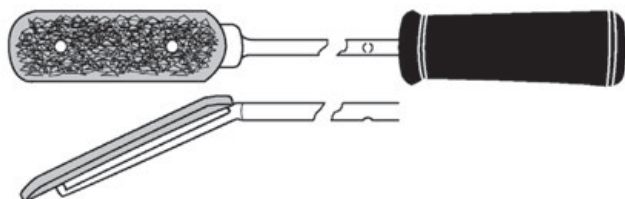


44cm (17.5") long complete with an 8.2cm (3.25") long x 2.5cm (1") wide curved universal medium grit tungsten blade. Spare blade code is ED0022.

SMALL UNIVERSAL ANGLED UPPER MOLAR

ED0011 Small Universal Angled Upper Molar £95.00

Large Universal Angled Upper Molar

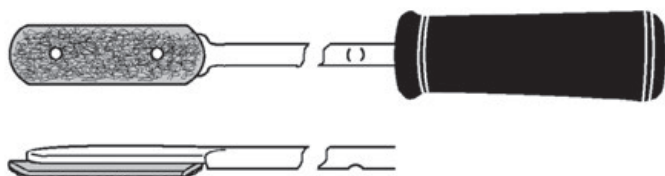


55cm (22") long complete with an 11cm (4.5") long x 3.8cm (1.5") wide curved universal medium grit tungsten blade. Spare blade code is ED0023

LARGE UNIVERSAL ANGLED UPPER MOLAR

ED0012 Large Universal Angled Upper Molar £95.00

Small Universal Straight Lower Molar

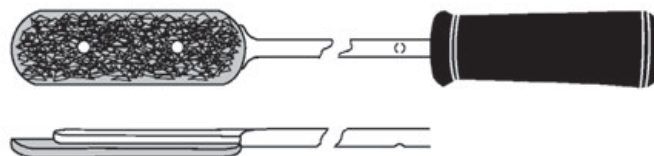


45cm (18") long complete with an 8.2cm (3.25") long x 2.5cm (1") wide curved universal medium grit tungsten blade. Spare blade code is ED0022

SMALL UNIVERSAL STRAIGHT LOWER MOLAR

ED0013 Small Universal Straight Lower Molar £95.00

Large Universal Straight Lower Molar

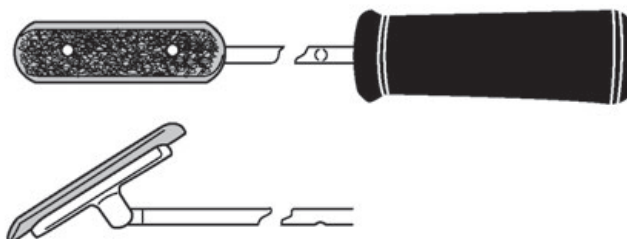


55cm (22") long complete with an 11cm (4.5") long x 3.8cm (1.5") wide curved universal medium grit tungsten blade. Spare blade code is ED0023

LARGE UNIVERSAL STRAIGHT LOWER MOLAR

ED0014 Large Universal Straight Lower Molar £95.00

Small Universal Rocker Rasp Upper/ Lower Molar

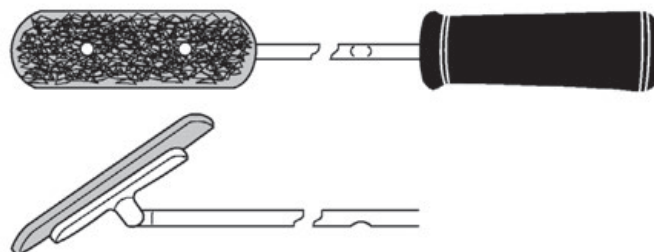


35cm (14") long complete with an 8.2cm (3.25") long x 2.5cm (1") wide curved universal medium grit tungsten blade. Spare blade code is ED0022

SMALL UNIVERSAL ROCKER RASP UPPER/ LOWER MOLAR

ED0015 Small Universal Rocker Rasp Upper/ Lower Molar £95.00

Large Universal Rocker Rasp Upper/ Lower Molar

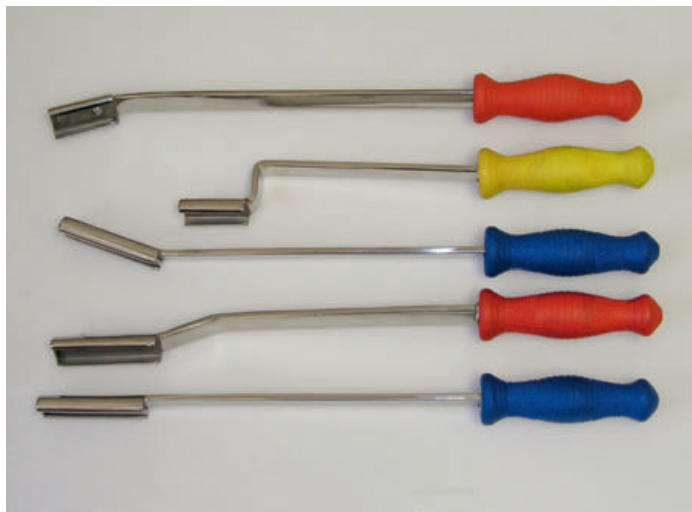


53cm (21") long complete with an 11cm (4.5") long x 3.8cm (1.5") wide curved universal medium grit tungsten blade. Spare blade code is ED0023

LARGE UNIVERSAL ROCKER RASP UPPER/ LOWER MOLAR

ED0016 Large Universal Rocker Angled Upper/ Lower Molar £105.00

Tooth Rasps with Comfort Grip Handles



High quality Tooth Rasps manufactured in Stainless Steel. Many new configurations. Flat shaft provides visualization for correct blade orientation. Lightweight with non slip ergonomic hand grip. Colour coded handles for convenience. Can be purchased as a set at a discounted rate. Blade not included. 5 configurations available:

ED0057 Rear Molar - Designed for dropping over and onto the last molar. 35cm shaft. Requires short blade (ED0020 - ED0020d).

ED0056 Premolar with short right angle shaft. Very effective on premolar hooks. Requires short blade (ED0020 - ED0020d).

ED0055 Obtuse - For use on upper arcade molars - 29cm shaft. Takes rasp blades ED0021a - ED0021e.

ED0054 Offset - Excellent for rear molars - 35cm shaft. Takes rasp blades ED0021a - ED0021e.

ED0053 Straight - 35cm shaft. Takes rasp blades ED0021a - ED0021e.

TOOTH RASPS - ERGONOMIC HANDLE		
ED0057	Rasp Comfort Hand Grip - Rear Molar	£65.00
ED0056	Rasp Comfort Hand Grip - Premolar	£65.00
ED0055	Rasp Comfort Hand Grip - Obtuse	£65.00
ED0054	Rasp Comfort Hand Grip - Offset	£65.00
ED0053	Rasp Comfort Hand Grip - Straight	£65.00
EDPRSET	Rasp Set - Comfort Hand Grip	£300.00

Economy Dental Rasp with Interchangeable Handle



Economy dental rasp with interchangeable handle. Supplied with straight and angled shaft. 30cm shaft. Please note blades are not included. Takes standard blades.

ECONOMY DENTAL RASP WITH INTERCHANGEABLE HANDLE		
ED0060	Economy Rasp with Interchangeable Handle	£60.00

Small Rounded Head Tooth Rasps

Suitable for Small Horses and Ponies

Atraumatic shaped head (see photograph below). Blade not included.

Angled Upper



Small box carbide blade. Takes blades ED0021nm, ED0021nf & ED0021nef

ANGLED UPPER

ED0155a	Angled Upper 38cm (15") Long	£95.00
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Straight Lower



Small box carbide blade. Takes blades ED0021nm, ED0021nf & ED0021nef

STRAIGHT LOWER

ED0155b	Straight Lower 38cm (15") Long	£95.00
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Lower Back Hooks



Small box carbide blade. Takes blades ED0021nm, ED0021nf & ED0021nef

LOWER BACK HOOKS

ED0155c	Lower Back Hooks 45cm (18") Long	£95.00
ED0155d	Lower Back Hooks 50cm (20") Long Extended Version for Larger Horses	£95.00

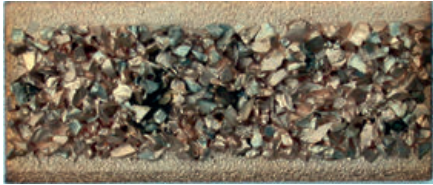
SMALL ROUNDED TUNGSTEN CARBIDE BLADES

ED0021nm	Small Rounded Tungsten Carbide Medium	£95.00
ED0021nf	Small Rounded Tungsten Carbide Fine	£95.00
ED0021nef	Small Rounded Tungsten Carbide Extra Fine	£95.00

Spare Blades to fit Tooth Rasps

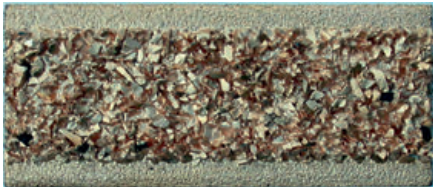
Actual Size: 5.7cm (2.25") long 2.5cm (1") wide.

Short Tungsten Chip Blade Coarse Grit



SHORT TUNGSTEN CHIP BLADE COARSE GRIT		
ED0020	Short Tungsten Chip Blade Coarse Grit	£16.00

Short Tungsten Chip Blade Medium Grit



SHORT TUNGSTEN CHIP BLADE MEDIUM GRIT		
ED0020a	Short Tungsten Chip Blade Medium Grit	£16.00

Short Solid Tungsten Carbide Coarse Blade



SHORT SOLID TUNGSTEN CARBIDE COARSE BLADE		
ED0020b	Short Solid Tungsten Carbide Coarse Blade	£85.00

Short Solid Tungsten Carbide Medium Blade



SHORT SOLID TUNGSTEN CARBIDE MEDIUM BLADE		
ED0020c	Short Solid Tungsten Carbide Medium Blade	£85.00

Short Solid Tungsten Carbide Fine Blade



SHORT SOLID TUNGSTEN CARBIDE FINE BLADE		
ED0020d	Short Solid Tungsten Carbide Fine Blade	£85.00

Actual Size: 8.2cm (3.25") long 2.5cm (1") wide.

Standard Tungsten Chip Blade Coarse Grit



STANDARD TUNGSTEN CHIP BLADE COARSE GRIT		
ED0021a	Standard Tungsten Chip Blade Coarse Grit	£16.00

Standard Tungsten Chip Blade Medium Grit



STANDARD TUNGSTEN CHIP BLADE MEDIUM GRIT		
ED0021b	Standard Tungsten Chip Blade Medium Grit	£16.00

Standard Solid Tungsten Carbide Coarse Blade



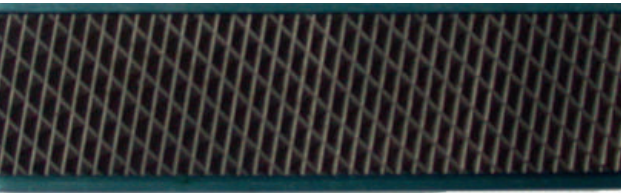
STANDARD SOLID TUNGSTEN CARBIDE COARSE BLADE.		
ED0021c	Standard Solid Tungsten Carbide Coarse Blade	£95.00

Standard Solid Tungsten Carbide Medium Blade



STANDARD SOLID TUNGSTEN CARBIDE MEDIUM BLADE		
ED0021d	Standard Solid Tungsten Carbide Medium Blade	£95.00

Standard Solid Tungsten Carbide Fine Blade



STANDARD SOLID TUNGSTEN CARBIDE FINE BLADE		
ED0021e	Standard Solid Tungsten Carbide Fine Blade	£95.00

Short Rounded Tungsten Carbide Blade

Reduces the possibility of injury to the horses mouth. 5.7cm (2.25") long 2.5cm (1") wide

SHORT ROUNDED SOLID TUNGSTEN CARBIDE BLADE

ED0021	Short Rounded Tungsten Carbide Blade	£95.00
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Small Rounded Solid Tungsten Carbide Blade

Reduces the possibility of injury to the horses mouth. 5.7cm (2.25") long 2cm (0.75") wide

SMALL ROUNDED SOLID TUNGSTEN CARBIDE BLADE

ED0021nm	Small Rounded Tungsten Carbide Blade Medium	£95.00
ED0021nf	Small Rounded Tungsten Carbide Blade Fine	£95.00
ED0021nef	Small Rounded Tungsten Carbide Blade Extra Fine	£95.00

Universal Tungsten Chip Blade

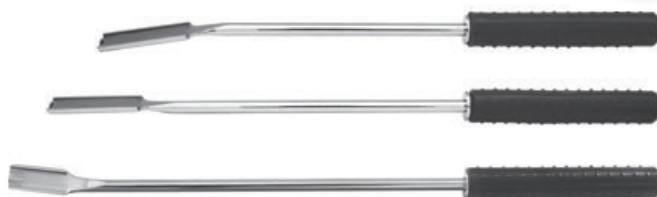
Small and Large Universal Tungsten Chip Blade, Medium Grit, Curved. Small Blade is 8.2cm (3.25") long 2.5cm (1") wide. Large Blade is 11cm (4.5") long 3.8cm (1.5") wide.

UNIVERSAL TUNGSTEN CHIP BLADE

ED0022	Small Universal Tungsten Chip Blade	£24.50
ED0023	Large Universal Tungsten Chip Blade	£27.50

'T' Wrench for Tooth Rasps**'T' WRENCH FOR TOOTH RASPS**

ED0025	'T' Wrench for Tooth Rasps (5mm)	£6.50
ED0025f	'T' Wrench for Tooth Rasps (3.2mm)	£6.50

Slim Line Rasps**NEW**

The Slim Line Rasp range uses thin 50mm and 80mm Slim Line Blades attached with 3M VHB Adhesive. This creates a slim tip which is useful for accessing difficult areas of the horse's mouth. Rounded edges to the blades also help reduce soft tissue damage to surrounding areas. Features a comfortable non-slip rubber dotted handle.

Please note that the Slim Line Rasps will only accept the Slim Line Blades.

SLIM LINE RASPS

ED0100	Slim Line Rasp Premolar 25° Angled Head 35cm Long (50mm Slim Line Blade required)	£85.00
ED0101	Slim Line Rasp Premolar 17° Angled Head 41cm Long (50mm Slim Line Blade required)	£85.00
ED0102	Slim Line Rasp Premolar & Molar 10° Angled Head 50cm Long (80mm Slim Line Blade required)	£85.00
ED0103	Slim Line Rasp Lingual & Buccal Straight Head 56cm Long (80mm Slim Line Blade required)	£85.00
ED0104	Slim Line Rasp Upturned Back Molar 15° Angled Head 58cm Long (50mm Slim Line Blade required)	£85.00

Slim Line Blades**NEW**

For use with Slim Line Rasps only, creating a slim tip for accessing difficult areas of the horse's mouth.

Secured in place with 3M VHB Adhesive.

Ideal for removing large amounts of tooth.

Rounded edges to the blades help reduce the damage to the surrounding areas of soft tissue.

SLIM LINE BLADES

ED0105	Slim Line Blade Rectangular 50mm	£30.00
ED0106	Slim Line Blade Rectangular 80mm	£32.00

Pistol Grip Rasps



EDICPH1



EDICPH2



EDICPH3



EDICPH4



EDICPH5



EDICPH6

The Pistol Grip Rasp features a lightweight comfortable handle and ensures correct angulation of the tip when in use and reduces pressure on the arm during use.

Designed to used with one hand.

Also features rounded edges helping to reduce soft tissue damage.

PISTOL GRIP RASPS		
EDICPH1	Pistol Grip Rasp Straight Shaft Lower Cheek Teeth 48cm Long (3.25" Blade required)	£95.00
EDICPH2	Pistol Grip Rasp Straight Shaft Upper Cheek Teeth 48cm Long (3.25" Blade required)	£95.00
EDICPH3	Pistol Grip Rasp Angled Head Premolar & Molar Teeth 48cm Long (3.25" Blade required)	£95.00
EDICPH4	Pistol Grip Rasp Upturned Angled Head Back Molar Teeth 48cm Long (3.25" Blade required)	£95.00
EDICPH5	Pistol Grip Rasp Angled Head Premolar Teeth 36cm Long (2.25" Blade required)	£95.00
EDICPH6	Pistol Grip Rasp Offset Lower Arcade 40cm Long (2.25" Blade required)	£95.00

Pistol Grip Blades



Pistol Grip Blades designed for use with Pistol Grip Rasps mounted on an aluminium plate. Suitable for all routine dentistry work. Great value option.

PISTOL GRIP CARBIDE CHIP BLADES		
EDICBLADE80	Pistol Grip Blade 3.25" x 1"	£32.50
EDICBLADE56	Pistol Grip Blade 2.25" x 1"	£30.00

Pistol Grip Carbide Chip Blades



Carbide Chip Blades for use with Pistol Grip Rasps. Designed for final rasping.

PISTOL GRIP CARBIDE CHIP BLADES		
EDICCHIPBLADE80	Pistol Grip Blade Carbide Chip 3.25"	£16.00
EDICCHIPBLADE56	Pistol Grip Blade Carbide Chip 2.25"	£15.00

CollaVET



NEW GENERATION DEVICES



Veterinary Instrumentation is pleased to announce that it has been appointed exclusive distributor in the UK and Europe for the CollaVET product range from New Generation Devices.

CollaVET			
CVS-20403	CollaVET Sponge 20 x 40 x 3mm	10 Pack	£195.00
CVS-20403-Sin	CollaVET Sponge 20 x 40 x 3mm	Single	£22.50
CVS-223	CollaVET Sponge 2" x 2" x 3mm	5 Pack	£175.00
CVS-223-Sin	CollaVET Sponge 2" x 2" x 3mm	Single	£40.00
CVS-343	CollaVET Sponge 3" x 4" x 3mm	5 Pack	£195.00
CVS-343-Sin	CollaVET Sponge 3" x 4" x 3mm	Single	£45.00
CVS-25751	CollaVET Foam 25 x 75 x 1mm	10 Pack	£235.00
CVS-25751-Sin	CollaVET Foam 25 x 75 x 1mm	Single	£25.00
CVF-01	Fibrillar Collagen	15 Pack	£295.00
CVF-01-Sin	Fibrillar Collagen	Single	£22.50
CVP-1020	Collagen Plug	10 Pack	£195.00
CVP-1020-Sin	Collagen Plug	Single	£22.50

Carbide Gritted Gledhill Rasps

NEW



Gledhill Rasps with Carbide Chips bonded to a concave surface. Ideal for final rasping. Pistol Grip Handle.

CARBIDE GRITTED GLEDHILL RASPS		
ED0107	Carbide Gritted Gledhill Rasp Lower	£90.00
ED0108	Carbide Gritted Gledhill Rasp Upper	£90.00

Diamond Chip 'S' Rasps

NEW



Diamond Chip 'S' Rasp Standard



Diamond Chip 'S' Rasp Small

Diamond Chip 'S' Rasps ideal for general rasping and final finishing especially at the front of the mouth.

Fine Diamond coat over coarse Carbide Chip.

DIAMOND CHIP 'S' RASPS		
ED0109	Diamond Chip 'S' Rasp Standard	£92.00
ED0110	Diamond Chip 'S' Rasp Small	£45.00

File Type Tooth Rasps

'S' Rasp Large Double-ended



Medium grit tungsten

'S' RASP LARGE DOUBLE-ENDED		
ED0017	'S' Rasp Large Double-ended 35cm (14") Long 3.1cm (1.25") Wide	£75.00
ED0017a	'S' Rasp Extra Large Double-ended 50cm (20") Long 3.1cm (1.25") Wide	£85.00

'S' Rasp Medium Double-ended



Medium grit tungsten 30cm (12") long 1.9cm (0.75") wide

'S' RASP MEDIUM DOUBLE-ENDED		
ED0018	'S' Rasp Medium Double-ended	£75.00

'S' Rasp Small Double-ended



Medium grit tungsten 19cm (7.75") long 1.9cm (0.75") wide

'S' RASP SMALL DOUBLE-ENDED		
ED0019	'S' Rasp Small Double-ended	£65.00

Accessories

Large Canvas Bag

Large canvas bag for all sizes of tooth rasp includes velcro pocket for instruments and accessories.

LARGE CANVAS BAG		
ED0025a	Large Canvas Bag	£17.50

Spare Rasp Screws

SPARE SCREWS		
ED0025b	Spare Screw to fit ED0001 to ED0009	£3.25
ED0025b1	Spare Screw to fit Rasps ED0155 A, B, C and D (Takes 3.2mm Hex)	£3.25
ED0025c	Spare Screws to fit Army Pattern Rasp ED0010	£3.25
ED0025d	Spare Screw to fit Universal Rasp ED0011 to ED0016 please state Large or Small Blade	£3.25
ED0025D1	Spare Screw to fit Universal Rasps ED0012, 14, 16	£3.25

Wolf Tooth Extraction

Burgess Type

Wolf Tooth Extractor Set - Basic



Burgess Type in Canvas Bag with ergonomic handle
Set contains;

- Handle
- Straight and Cranked Extension Piece
- 8.0mm & 10mm Cutting Head
- T-bar for displacing tooth heads
- T-bar for tightening
- Canvas Bag with Pockets

WOLF TOOTH EXTRACTOR SET - BASIC

ED0027b	Wolf Tooth Extractor Set - Basic	£95.00
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Wolf Tooth Extractor Set - Complete



Complete Wolf Tooth Extractor Set in Canvas Bag
Set contains;

- Handle
- Straight and Cranked Extension Piece
- 6.5mm, 8.0mm, 10mm & 12.5mm Cutting Head
- T-bar for displacing tooth heads
- T-bar for tightening
- Tooth Elevator
- Incisor/Fragment Dental Forceps
- Canvas Bag with Pockets

WOLF TOOTH EXTRACTOR SET COMPLETE

EDTESET	Wolf Tooth Extractor Set - Complete	£195.00
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OPTIONAL EXTRAS

ED0028es	Cutting Head Extra Small 6.5mm diameter	£24.50
ED0028b	Cutting Head Large 12.5mm diameter	£24.50
ED0028L	Cutting Head X Large 14mm diameter	£24.50
ED0028m	Cutting Head XX Large 16mm diameter	£24.50

Wolf Tooth Elevator

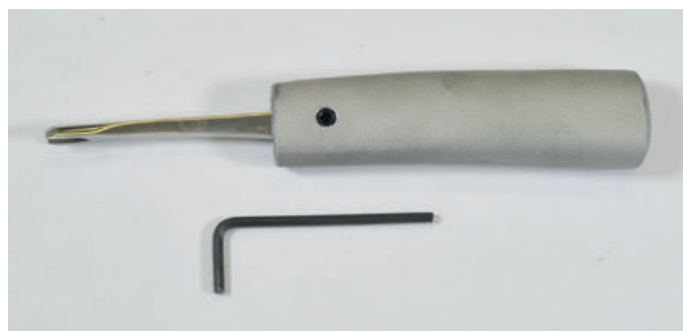


Wolf Tooth Elevator available with either standard fibre handle or machined handle for secure grip even when wet.

WOLF TOOTH ELEVATOR

EDWTF	Wolf Tooth Elevator Secure Grip Handle	£37.50
EDWTFE	Wolf Tooth Elevator Standard Fibre Handle	£25.00

Tooth Elevator with Adjustable Blade



Tooth Elevator with Adjustable Blade. Length of blade can be changed by loosening the locking screw, adjusting the blade and then re-tightening the locking screw. Supplied with Allen Key.

TOOTH ELEVATOR WITH ADJUSTABLE BLADE

ED0058	Tooth Elevator with Adjustable Blade	£27.50
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Dental Elevator



DENTAL ELEVATOR

ED0047	Dental Elevator - Metal Handle 15cm	£45.00
ED0047b	Dental Elevator - Sharp, Metal Flat Profile 17cm	£45.00
ED0047c	Dental Elevator - Fibre Handle 17cm	£25.00

Extractors and Separators

Tooth Forceps for Wolf Teeth



Tooth Forceps for Wolf Teeth, box joint half angled, jaws fully closed 25cm (10") long

TOOTH FORCEPS FOR WOLF TEETH

ED0032 Tooth Forceps for Wolf Teeth 25cm Long **£75.00**

Tooth Forceps for Wolf Teeth - Fine



Tooth Forceps for Wolf Teeth - fine jaws, box joint half angled jaws fully closed 17cm (7") long

TOOTH FORCEPS FOR WOLF TEETH - FINE

ED0032a Tooth Forceps for Wolf Teeth - Fine 17cm Long **£55.00**

Tooth Forceps for Wolf Teeth



Tooth Forceps for Wolf Teeth - box joint fully angled jaws fully closed 25cm (10") long

TOOTH FORCEPS FOR WOLF TEETH

ED0033 Tooth Forceps for Wolf Teeth Fully Angled 25cm Long **£75.00**

Tooth Forceps for Wolf Teeth

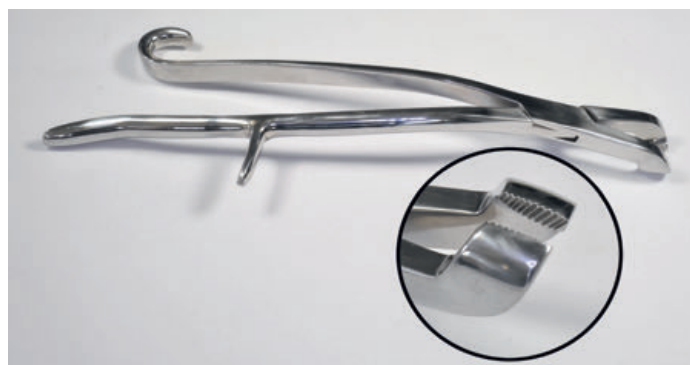


Tooth Forceps for Wolf Teeth - fully angled long jaws fully closed 30cm (12") long

TOOTH FORCEPS FOR WOLF TEETH

ED0033a Tooth Forceps for Wolf Teeth Fully Angled 30cm Long **£75.00**

Reynolds Cap Extractor Upper Jaw

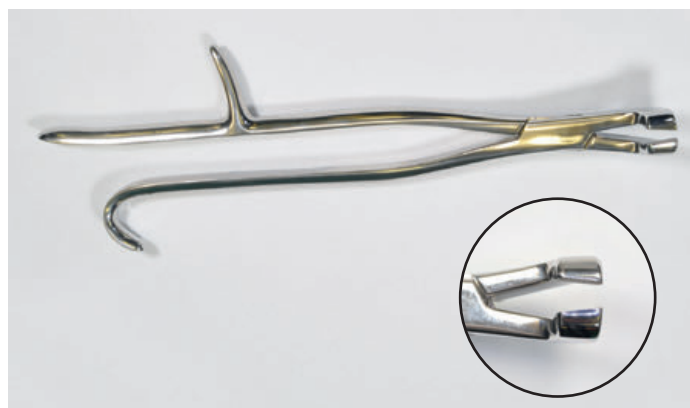


Reynolds Cap Extractor - right handed, upper jaw, serrated jaw, box joint 38cm (15") long

REYNOLDS CAP EXTRACTOR UPPER JAW

ED0030 Reynolds Cap Extractor Upper Jaw Right Handed 38cm Long **£125.00**

Reynolds Cap Extractor Lower Jaw

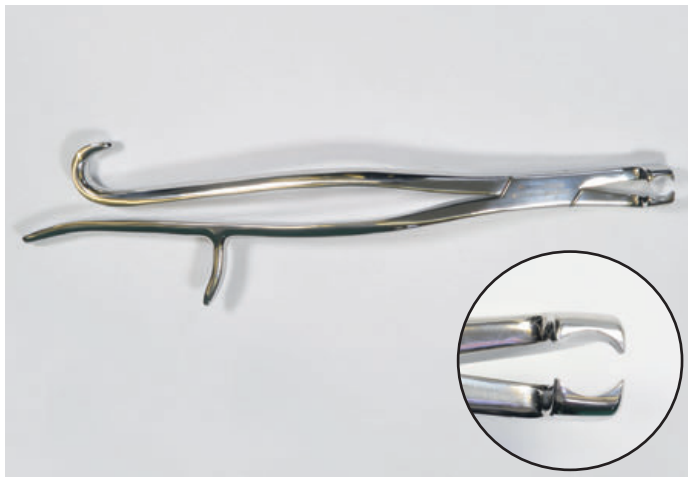


Reynolds Cap Extractor - right handed, lower jaw, serrated jaw, box joint 38cm (15") long

REYNOLDS CAP EXTRACTOR LOWER JAW

ED0031 Reynolds Cap Extractor Lower Jaw Right Handed 38cm Long **£125.00**

Reynolds Cap Extractor Upper Jaw - Apple

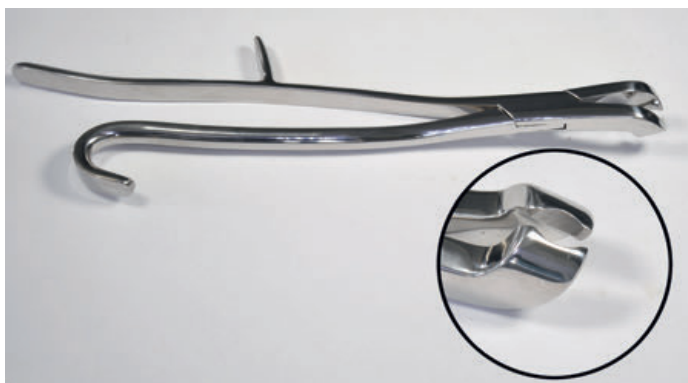


Reynolds Cap Extractor Apple Jaw - right handed, upper jaw, box joint 38cm (15") long

REYNOLDS CAP EXTRACTOR UPPER JAW APPLE

ED0035c Reynolds Cap Extractor Upper Apple Jaw 38cm Long **£145.00**

Reynolds Cap Extractor Lower Jaw - Apple



Reynolds Cap Extractor Apple Jaw - right handed, lower jaw, box joint 38cm (15") long

REYNOLDS CAP EXTRACTOR LOWER JAW APPLE

ED0035 Reynolds Cap Extractor Lower Apple Jaw 38cm Long **£145.00**

Cap Extractor with Flexible Head



The flexible head provides a better grip as the head swivels to fit the shape of the cap. Universal for both lower and upper jaws.

CAP EXTRACTOR WITH FLEXIBLE HEAD

ED0035a Cap Extractor with Flexible Head **£145.00**

Deciduous Premolar Cap Extraction Forceps



38cm (15") long, box joint.

DECIDUOUS PREMOLAR CAP EXTRACTION FORCEPS

ED0035b Deciduous Premolar Cap Extraction Forceps 38cm Long **£145.00**

Three Prong Root Molar Forceps Off Side

NEW



Three Prong Root Molar Forceps Off Side - designed for lower left molars and upper right molars. 19" Long. Stainless Steel.

THREE PRONG ROOT MOLAR FORCEPS OFF SIDE

ED0111 Three Prong Root Molar Forceps Off Side 19" Long **£195.00**

Three Prong Root Molar Forceps On Side

NEW



Three Prong Root Molar Forceps On Side - designed for lower right molars and upper left molars. 19" Long. Stainless Steel.

THREE PRONG ROOT MOLAR FORCEPS ON SIDE

ED0112 Three Prong Root Molar Forceps On Side 19" Long **£195.00**

Universal Four Root Molar Forceps**NEW**

Universal Four Root Molar Forceps for removing irregular or geriatric teeth or teeth that have a short crown. Also can aid in extraction of fractured teeth, 19" Long. Stainless Steel.

UNIVERSAL FOUR ROOT MOLAR FORCEPS

ED0113 Universal Four Root Molar Forceps 19" Long **£195.00**

Serrated Jaw Molar Forceps with Fulcrum**NEW**

Molar Forceps with inclined serrated jaws to provide parallel shape for positioning to grip molars at the point of extraction. Supplied with removable and adjustable fulcrum to allow for more or less leverage. 20" Long.

SERRATED JAW MOLAR FORCEPS WITH FULCRUM

ED0114 Serrated Jaw Molar Forceps with Fulcrum 20" Long **£195.00**

Long Nose Fragment Forceps**NEW**

Long Nose Fragment Forceps for molar root and fragment extraction. Grooved jaws securely grasp roots and fragments that may remain after a molar extraction. 20" Long.

LONG NOSE ROOT FRAGMENT FORCEPS

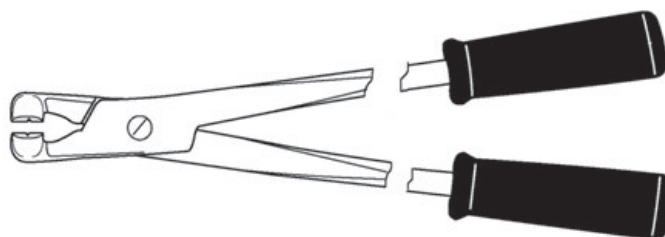
ED0115 Long Nose Root Fragment Forceps 20" Long **£195.00**

Deciduous Incisor Tooth Forceps

Spring handle increases holding power. Stainless Steel. 19cm (7.5")

DECIDUOUS INCISOR TOOTH FORCEPS

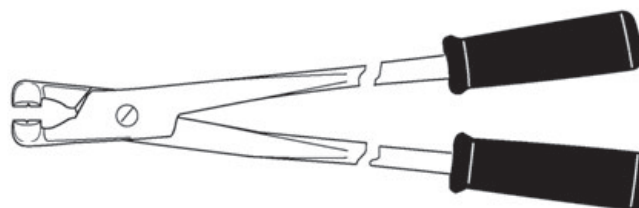
ED0061 Deciduous Incisor Tooth Forceps 19cm Long **£65.00**

Gunthers Tooth Forceps Lower Jaw

Gunthers Tooth Forceps, screw joint, neoprene handles, lower molars. Stainless steel 50cm (20") long

GUNTHERS TOOTH FORCEPS LOWER JAW

ED0031b Gunthers Tooth Forceps Lower Jaw 50cm Long **£145.00**

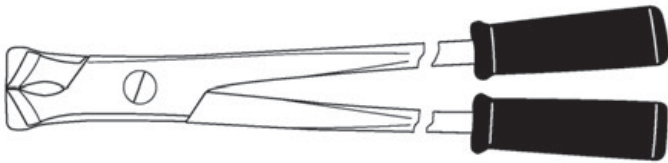
Gunthers Tooth Forceps Upper Jaw

Gunthers Tooth Forceps, screw joint, neoprene handles, wider jaw opening for upper molars stainless steel 50cm (20") long

GUNTHERS TOOTH FORCEPS UPPER JAW

ED0031c Gunthers Tooth Forceps Upper Jaw 50cm Long **£145.00**

Veterinary Instrumentation Molar Separator



Screw joint, Neoprene handles, wider jaw opening for upper molars. Stainless steel.

VETERINARY INSTRUMENTATION MOLAR SEPARATOR

ED0031d Molar Separator 50cm (20") Long **£145.00**

Upper/ Lower Separating Forceps



Upper/ Lower Separating Forceps 16.5cm (6.5") Long.

UPPER/ LOWER SEPARATING FORCEPS

ED0032d Upper/ Lower Separating Forceps 16.5cm Long **£55.00**

Cheek Teeth Extractor



Cheek Teeth Extractor with Ratchet. Stainless steel 55cm (22") long

CHEEK TEETH EXTRACTOR

ED0062 Cheek Teeth Extractor with Ratchet 55cm Long **£175.00**

Universal Forceps with Swivelling Jaws

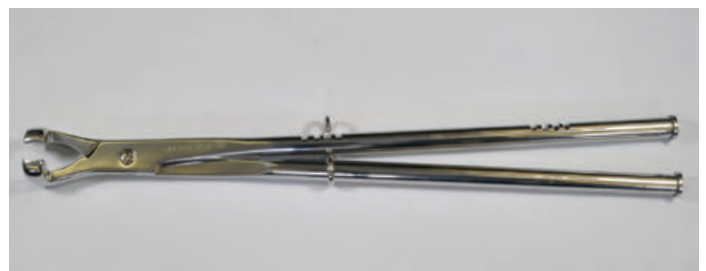


Fixed jaw forceps achieve, at best, a three point fix on the subject tooth which is prone to slippage. The swivelling jaw on ED0031p self adjusts to maximise grip on the tooth. The spinlock on the handles maintains the grip.

UNIVERSAL FORCEPS WITH SWIVELLING JAWS

ED0031p Universal Forceps with Swivelling Jaws **£335.00**

Routledge's Molar Forceps



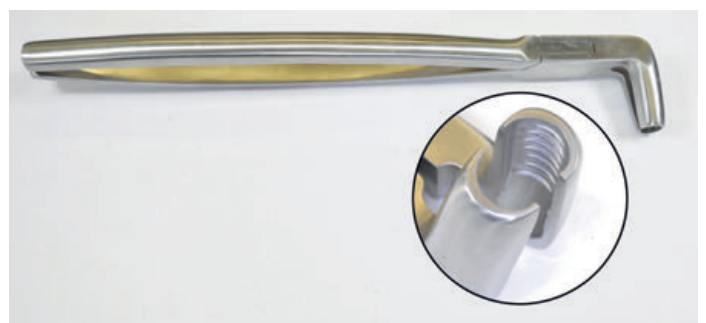
Routledge's Molar Forceps with Sliding Lock. Stainless Steel 52cm (20.5") long

ROUTLEDGE'S MOLAR FORCEPS

ED0031e Routledge's Upper Molar Forceps 52cm Long **£165.00**

ED0031f Routledge's Lower Molar Forceps 52cm Long **£165.00**

Molar Extraction Forceps



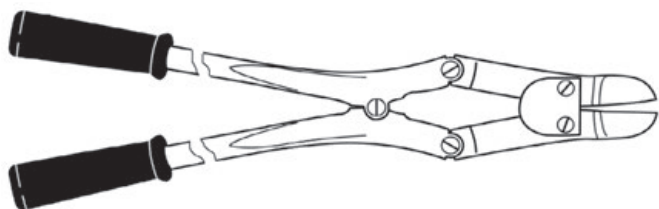
Molar Extraction Forceps. Stainless Steel 41cm (16") long. Pattern popular in Australia.

MOLAR EXTRACTION FORCEPS

ED0031L Molar Extraction Forceps 41cm Long **£145.00**

Tooth Cutters

Tooth Cutter 'A'

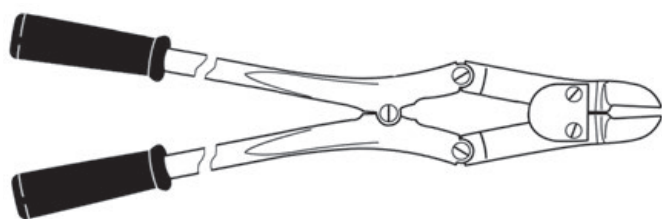


Tooth Cutter Compound Action - Large. Jaw shape 'A', closed jaw. 60cm (24") long.

TOOTH CUTTER 'A'

ED0031g	Tooth Cutter 'A' 60cm Long	£285.00
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Tooth Cutter 'B'

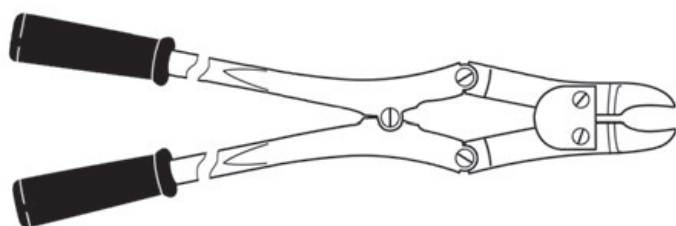


Tooth Cutter Compound Action - Large. Jaw shape 'B', part open jaw. 60cm (24") Long.

TOOTH CUTTER 'B'

ED0031h	Tooth Cutter 'B' 60cm Long	£285.00
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Tooth Cutter 'C'

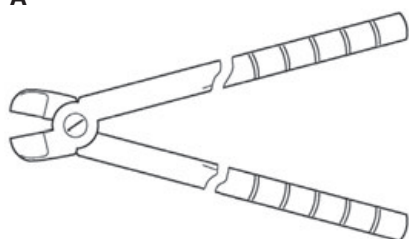


Tooth Cutter Compound Action - Large. Jaw shape 'C', angled head, fully open jaw. 60cm (24") Long.

TOOTH CUTTER 'C'

ED0031j	Tooth Cutter 'C' 60cm Long	£285.00
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Molar Cutter 'A'

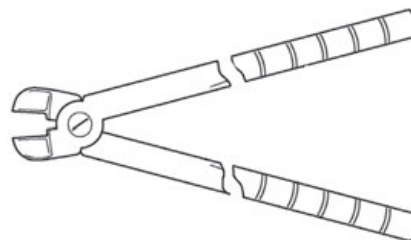


Molar Cutter with simple joint. Jaw shape 'A', closed edges. 55cm (21.75") long. Stainless steel.

MOLAR CUTTER 'A'

ED0031k	Molar Cutter 'A' 55cm Long	£155.00
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Molar Cutter 'B'

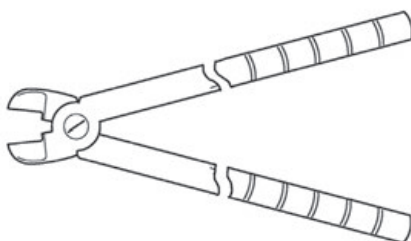


Molar Cutter with simple joint. Jaw shape 'B', medium gap. 55cm (21.75") Long. Stainless steel.

MOLAR CUTTER 'B'

ED0031m	Molar Cutter 'B' 55cm Long	£155.00
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Molar Cutter 'C'



Molar Cutter with simple joint. Jaw shape 'C', wide gap. 55cm (21.75") Long. Stainless Steel.

MOLAR CUTTER 'C'

ED0031n	Molar Cutter 'C' 55cm Long	£155.00
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Tooth Cutter with Detachable Handles



Tooth Cutter Compound Action - Large. Available with Jaw shape 'A', 'B' or 'C'. Handles are detachable for convenience. 60cm (24") complete, 38cm(15") when broken down.

TOOTH CUTTER WITH DETATCHABLE HANDLES

ED0064a	Tooth Cutter 'A' with Detachable Handles	£265.00
ED0064b	Tooth Cutter 'B' with Detachable Handles	£265.00
ED0064c	Tooth Cutter 'C' with Detachable Handles	£265.00

Dental Fulcrum



Dental Fulcrum for use with molar extraction equipment 60cm (24") Long.

DENTAL FULCRUM		
ED0026a	Dental Fulcrum 60cm Long	£75.00

Drenching Syringe

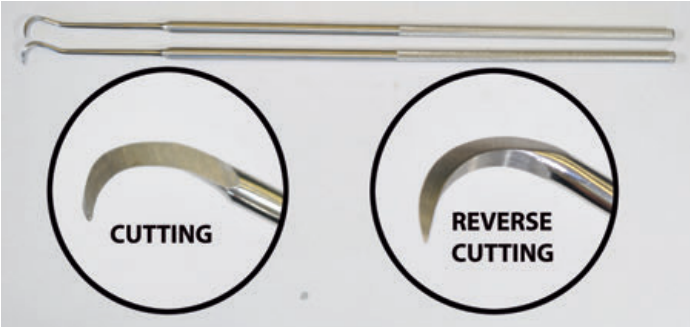


Available in 400ml.

DRENCHING SYRINGE		
ED0072	Drenching Syringe 400ml	£20.00

Dental Scalers and Probes

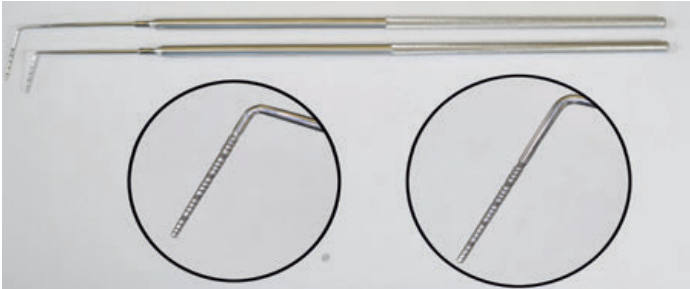
Dental Scaler/ Gingival Elevator



Available in normal cutting and reverse cutting styles. 50cm long. Useful for cleaning tartar from the upper cheek teeth and elevating the gingiva. Set of both is discounted by over 20%.

DENTAL SCALERS/ GINGIVAL ELEVATOR		
ED0065	Dental Scaler/ Gingival Elevator Normal Cutting	£35.00
ED0066	Dental Scaler/ Gingival Elevator Reverse Cutting	£35.00
EDDSSET	Dental Scaler/ Gingival Elevator Set	£55.00

Dental Probe



Available with a fine or heavy tip. 50cm long. Both tips are calibrated for accurate measurement. Useful for probing, cleaning and measuring. Set of both is discounted by over 20%.

DENTAL PROBE		
ED0067	Dental Probe Fine Tip 50cm Long	£35.00
ED0068	Dental Probe Heavy Tip 50cm Long	£35.00
EDPROSET	Dental Probe Set	£55.00

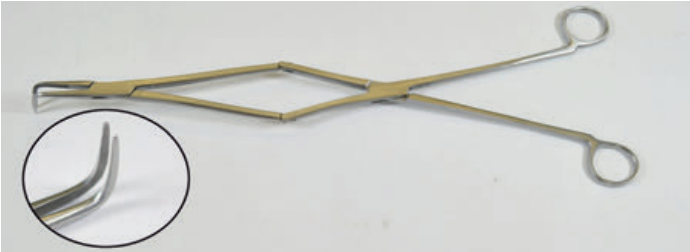
Dental Mirror



50cm Long Dental Mirror with 'T' action handle for secure grip. Mirror positioned at 30 degrees for an optimum view.

DENTAL MIRROR		
EDDM	Dental Mirror 50cm Long	£42.50

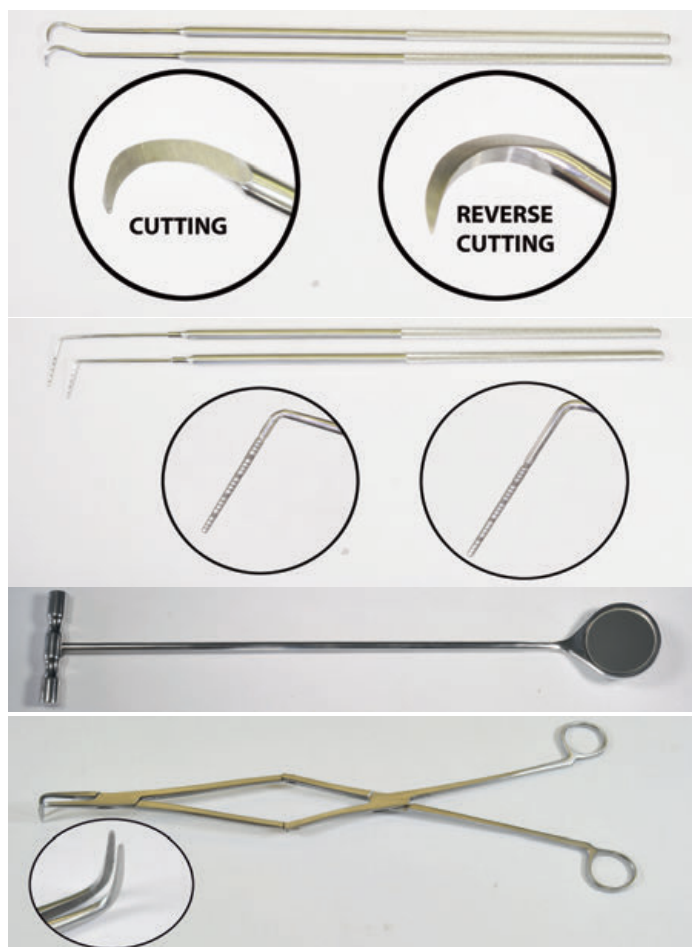
Periodontal Forceps



Designed to extract forage and material from periodontal pockets and teeth. 41cm long.

PERIODONTAL FORCEPS		
ED0069	Periodontal Forceps 41cm Long	£85.00

Equine Dental Hand Instrument Set



Set of Dental Hand Instruments containing:
 Dental Scalers - Normal Cutting & Reverse Cutting
 Dental Probes - Fine Tip & Heavy Tip
 Dental Mirror
 Periodontal Forceps.
 Discounted when purchased as a Set

EQUINE DENTAL HAND INSTRUMENT SET

EDDHSET	Dental Hand Instrument Set	£200.00
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Equine Periodontal Forceps - Tubular Shaft

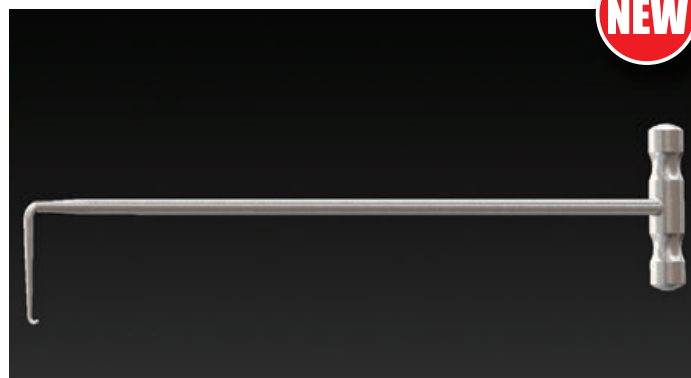


Equine Periodontal Forceps with a Tubular Shaft. 48cm long.
 The Tubular Shaft provides superior durability, manouverability and visibility for working in the periodontal spaces of the cheek teeth.

EQUINE PERIODONTAL FORCEPS - TUBULAR SHAFT

ED0116	Equine Periodontal Forceps - Tubular Shaft 48cm	£215.00
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Diastema Hooks - 'T' Bar Handle

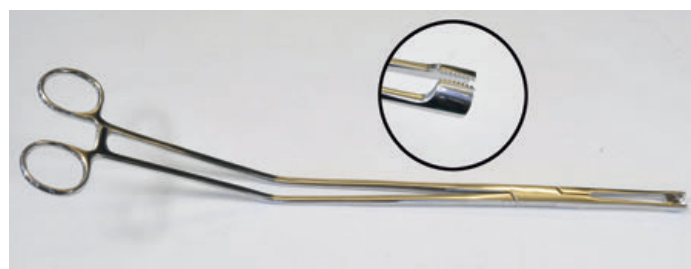


Diastema Hooks with a 'T' Bar Handle - 1 pair.
 560mm Long, with 55mm 90° return before the hook tip.
 Designed for hooking impacted food debris out from equine diastema.

DIASTEMA HOOKS 'T' BAR HANDLE (PAIR)

ED0117	Diastema Hooks 'T' Bar Handle x 1 Pair	£85.00
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Vulsellum Forceps



Our own pattern for grasping loose material in horses' palates, prior to removal. 7/8 teeth 38cm (15") long

VULSELLUM FORCEPS

ED0048	Vulsellum Forceps 38cm Long	£55.00
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Tremaine Tooth Pick



Convenient pick and dental scaler. 42cm (17")

TREMAINE TOOTH PICK

ED0066a	Tremaine Tooth Pick 42cm Long	£55.00
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Tooth Pick - Secure Grip Handle



Fine Tooth Picks with Secure Grip Handle. Fine with long point (15mm) or short point (10mm). 40cm (16") long.

TOOTH PICK - SECURE GRIP HANDLE		
ED0066b	Tooth Pick - Long Point 15mm	£27.50
ED0066c	Tooth Pick - Short point 10mm	£27.50
ED0066d	Tooth Pick Set	£50.00

Dental Picks/ Gingival Elevators - Heavy Duty

Dental Picks/
Gingival Elevators.
Heavy duty.
'T' Bar Handle.
38cm (15") long.



DENTAL PICK - HEAVY		
ED0069a	Dental Pick - Flat End Horizontal	£25.00
ED0069b	Dental Pick - Flat End Vertical	£25.00
ED0069c	Dental Pick - Heavy and Sharp	£25.00
ED0069d	Set of 3 Dental Picks	£65.00

Dental Pick Set - Complete



Set includes a Short Handpiece and Long 'T' Bar Handle which accept the six interchangeable heads enabling access to all areas of the mouth. All interchangeable heads can also be rotated.

Contains six interchangeable heads

Chisel, Osteotome - Long and Short, Elevator - Long and Short, Loop Curette. All contained in a Canvas Bag with Pockets.

DENTAL PICK SET - COMPLETE		
EDDPSET	Dental Pick Set - Complete	£365.00

Dental Punches, Chisels and Elevators

Coomer Drill Set

NEW



Drills with standard tips are easier to start than trephines.

The Coomer Drill Set includes

6mm Drill

8mm Drill

10mm Drill

12mm Drill

'T' Bar Handle

The Set is presented in a Carrying Case.

COOMER DRILL SET		
ED0052H	Coomer Drill Set	£175.00

Dental Punch



Dental Punch 20cm (8") long.

Available in normal and fine.

DENTAL PUNCH		
ED0043	Dental Punch - Normal - 12mm Head	£45.00
ED0043a	Dental Punch - Fine - 8mm Head	£45.00
ED0043SET	Dental Punch Set - Normal and Fine	£80.00

Dental Chisel Straight

Dental Chisel Straight. 19cm (7.5") long. Blade is 12mm (0.5") wide.

DENTAL CHISEL STRAIGHT		
ED0044	Dental Chisel Straight 19cm Long	£27.50

Dental Chisel Curved

Dental Chisel Curved. 19cm (7.5") long. Blade is 12mm (0.5") wide.

DENTAL CHISEL CURVED		
ED0044a	Dental Chisel Curved 19cm Long	£27.50

Alexander Bone Chisel

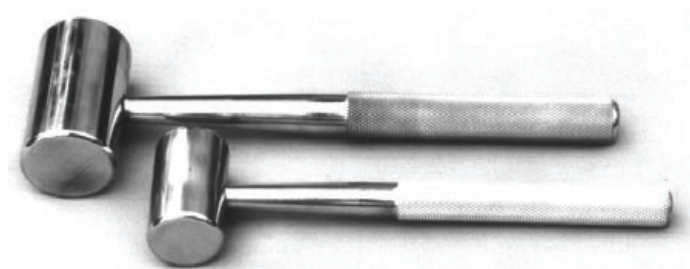
Dental Chisel. Available from 6mm to 14mm.

ALEXANDER DENTAL CHISEL		
ED0044bf	Alexander Dental Chisel 6mm Flat	£30.00
ED0044bh	Alexander Dental Chisel 6mm Hollow	£30.00
ED0044c	Alexander Dental Chisel 8mm Hollow	£30.00
ED0044d	Alexander Dental Chisel 10mm Hollow	£30.00
ED0044e	Alexander Dental Chisel 12mm Hollow	£30.00
ED0044f	Alexander Dental Chisel 14mm Hollow	£30.00
ED0044set	Alexander Dental Chisel Set (6 in total)	£120.00

Mallet

Mallet for use with punches and chisels. Brass, chrome plated 132cm (5.25") long 0.75kg.

MALLET		
ED0045	Mallet 750g	£55.00

Orthopaedic Mallet

ORTHOPAEDIC MALLET		
001323	Mallet 140g	£50.00
001320	Mallet 300g	£47.50
001321	Heavy Mallet 500g 240mm	£57.50

Stille-Luer

A very large rongeur with a 8mm bite. Can be used to aggressively remove pieces of tooth. Also useful for removal of heavy plaque on teeth

STILLE-LUER		
142305	Stille-Luer Heavy Compound Action 8 mm Curved	£185.00

Tooth and Bone File - Toothed

Tooth and Bone File - Curved with sharp undercut teeth 17cm (6.75") long.

TOOTH AND BONE FILE TOOTHED		
ED0046	Tooth and Bone File - Toothed 17cm Long	£35.00

Tooth and Bone File Tungsten Carbide Insert



Tooth and Bone File - flat with solid tungsten carbide surface 17cm (6.75") long.

TOOTH AND BONE FILE TUNGSTEN CARBIDE INSERT

ED0046a Tooth and Bone File - Tungsten Carbide Insert **£55.00**

Tooth Elevator with Adjustable Blade



Tooth Elevator with Adjustable Blade. Length of blade can be changed by loosening the locking screw, adjusting the blade and then re-tightening the locking screw. Supplied with Allen Key.

TOOTH ELEVATOR WITH ADJUSTABLE BLADE

ED0058 Tooth Elevator with Adjustable Blade **£27.50**

Dental Elevator



DENTAL ELEVATOR

ED0047 Dental Elevator - Metal Handle 15cm Long **£45.00**
ED0047b Dental Elevator - Sharp, Metal Flat Profile 17cm Long **£45.00**
ED0047c Dental Elevator - Fibre Handle 17cm Long **£25.00**

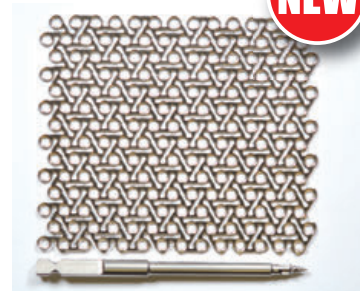
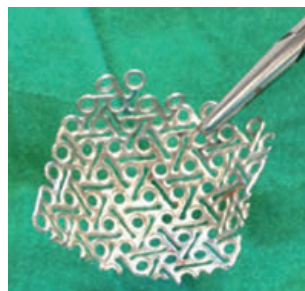
Tooth Elevator - Angled



TOOTH ELEVATOR - ANGLED

ED0058a Tooth Elevator - Right **£25.00**
ED0058b Tooth Elevator - Left **£25.00**

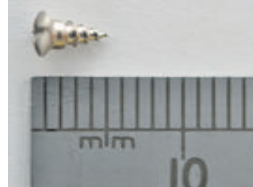
Titanium Mesh System



NEW

For the first time, we are making Titanium Mesh available directly to vets. Based on a human product, our Titanium Mesh is cuttable and is mouldable in three-dimensions, making it very adaptable and ideal for cranial fractures and in the management of fractures of other flat bones.

Titanium Mesh Screw



The Screws are tapered, making them self-drilling and self-tapping. The Screws are made of Titanium to avoid any problems arising from mixed metallurgy and feature a low profile cruciate head designed for use with the Cruciate Screwdriver with AO Quick Release fitting shown.

TITANIUM MESH SYSTEM

TIMESH405006	Titanium Mesh 40mm x 50mm 0.6mm thick	£205.00
TIMESH506006	Titanium Mesh 50mm x 60mm 0.6mm thick	£225.00
TIMESH607006	Titanium Mesh 60mm x 70mm 0.6mm thick	£245.00
TIMESH SCREW2005	Titanium Mesh Screws Tapered 2.0mm x 5.0mm length - Cruciate Head	£9.50
TIMESH SCREW2007	Titanium Mesh Screws Tapered 2.0mm x 7.0mm length - Cruciate Head	£9.50
TIMESHSDI	Screwdriver Insert for 2.0mm Cruciate Head Titanium Mesh Screws - AO Quick Release	£85.00

Mouth Gags

Bayer Mouth Wedge



190mm. 'T' handle for secure grip.

BAYER MOUTH WEDGE

ED0035g Bayer Mouth Wedge **£60.00**

Equine Dental Mouth Wedge



Permits safe access without damaging teeth.

EQUINE DENTAL MOUTH WEDGE

ED0034d Equine Dental Mouth Wedge **£60.00**
ED0034e Replacement Rubber for ED0034d **£12.50**

Butler Mouth Gag

Butler Mouth Gag Small.
Maximum opening 10cm (4")

BUTLER MOUTH GAG

ED0037	Butler Mouth Gag Small	£135.00
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Gunther Mouth Gag

Gunther Mouth Gag Large.
Maximum opening 12cm (5")

GUNTHER MOUTH GAG

ED0038	Gunther Mouth Gag Large	£195.00
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Haussmann/ Climax Speculum

Mouth speculum stainless steel. Forged components carry a lifetime guarantee against breakage. Includes leather strap, two mouth plates and two leather stitched bar plates. Also available in pony size.

HAUSSMANN/ CLIMAX SPECULUM

ED0039	Haussmann/ Climax Speculum - Standard	£375.00
ED0039a	Haussmann/ Climax Speculum - Pony	£375.00

Meister Speculum

Mouth Speculum Stainless Steel. This full mouth speculum has compound action joints to ease opening of the mouth. Caution should be used with all full mouth equine speculums.

MEISTER SPECULUM

ED0039b	Meister Speculum	£495.00
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Millenium Speculum

NEW

Millenium Speculum.
Robust construct with fine ratchet.
Straps provided.

MILLENNIUM SPECULUM

ED0118	Millenium Speculum	£445.00
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Miscellaneous

Equine Head Rest



Designed to be the extra pair of hands that always seem necessary. Its primary mission is an equine head support stand. Certain procedures require sedation in order to be accomplished properly.

The equine head is heavy and even the strongest assistant will soon tire of holding the head in the proper position.

Features

- Spring Loaded Height Adjustor and Locking Mechanism
- Easy to assemble and dismantle for storage
- Padded Head Rest with Leather finish
- Removable Washable PVC Cover



EQUINE HEAD REST

EDJ491 Equine Head Rest Complete **£355.00**

Stainless Steel Bucket with Rasp Holder and Brush



10 litre Stainless Steel Bucket with Detachable Rasp Holder. Holder designed to protect the Rasps whilst they are in the bucket. Rasp Brush is held in place with a thumb screw enabling removal and replacement. Base of Bucket is lined with rubber to protect rasps and minimise noise. (Rasps not included)



STAINLESS STEEL BUCKET WITH RASP HOLDER & BRUSH

ED0042 Stainless Steel Bucket with Rasp Holder & Brush **£95.00**

LED Head Torch with Hands Free On/ Off

Powerful LED Head Torch delivering 100lumens from one set of batteries (AAA supplied) Bright single LED so useful for indirect ophthalmoscopy. (Multiple LEDs give multiple images)The Light has a 4 x zoom focus plus the useful option of an infra red sensor switch which switches the light on or off by simply passing your hand in front of the light. Useful when scrubbed up but need to talk to staff or clients without blinding them.



LED HEAD TORCH WITH HANDS FREE ON/ OFF

014230 LED Head Torch with Hands Free On/ Off **£46.00**

3 LED Head Torch for between eyes

This reasonably priced powerful 3 LED Head Torch has the useful option of being worn upside down which gives the surgeon the option of a light between the eyes. Very useful when looking into confined spaces e.g. the mouth of a horse. Head torches mounted on the forehead do not work for this function as the light shines on the horse's muzzle casting a shadow into the mouth.



LED HEAD TORCH FOR BETWEEN EYES

014231 LED Head Torch for between eyes **£19.50**

Magnifying Loupe 2.5x

A simple loupe at a reasonable price. This 2.5X loupe is as great a magnification as you can get without becoming too close to the patient.



MAGNIFYING LOUPE 2.5X

014200 Magnifying Loupe 2.5x **£67.50**

014200SET Magnifying Loupe 2.5x + Visor Light (014200L) **£105.00**

Visor Light



Visor light is a lightweight battery powered light, which illuminates the magnified viewing area. Mounts directly onto the Magnifying Loupe 2.5X

VISOR LIGHT

014200L Visor Light (Clip On) **£47.50**

Twitch Kendal Model

**TWITCH KENDAL MODEL**

EGJ44	Equine Humane Twitch - Kendal Model	£27.50
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Horsley's Trephine



Horsley's Trephine including handle. All are 12.5cm (5") long.

HORSLEY'S TREPHINE

ED0052a	Horsley's Trephine 13mm/0.5" OD	£130.00
ED0052b	Horsley's Trephine 19mm/0.75" OD	£135.00
ED0052c	Horsley's Trephine 25mm/1.0" OD	£150.00
ED0052f	Horsley's Trephine 45mm/2.0" OD	£220.00

Liston Bone and Tissue Nippers



Liston Bone and Tissue Nippers 15cm (6") long. 25mm blade. Available in straight, angled and curved.

LISTON BONE AND TISSUE NIPPERS

141700	Liston Bone and Tissue Nippers Straight 25mm Blade	£90.00
141705	Liston Bone and Tissue Nippers Curved 25mm Blade	£90.00
141710	Liston Bone and Tissue Nippers Angled 25mm Blade	£100.00

Coomer Drill Set



Drills with standard tips are easier to start than trephines.

The Coomer Drill Set includes

6mm Drill

8mm Drill

10mm Drill

12mm Drill

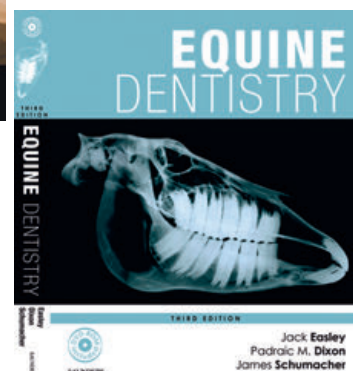
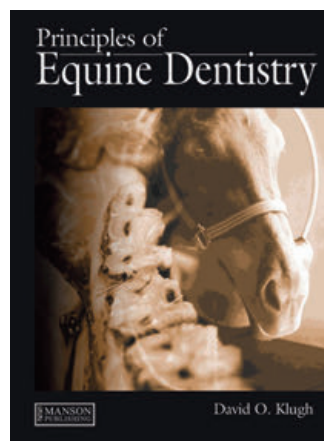
'T' Bar Handle

The Set is presented in a Carrying Case.

COOMER DRILL SET

ED0052H	Coomer Drill Set	£175.00
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Books

**EQUINE DENTISTRY BOOKS**

BK10	Principles of Equine Dentistry by Klugh	£72.00
BK11	Equine Dentistry by Easley, Dixon & Schumacher	£115.00

Dentalscope



Dr. Fritz

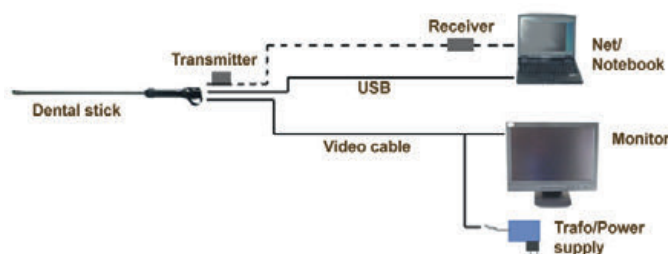
The Dentalscope has been designed specifically for examination of the oral cavity and guttural pouch of Equines and other large animals. Available as either a basic set or as a wireless option ideal for field practice. Generally considered the scope for equine dentists.



3 different video connection options
Wireless video transmission
USB
Video cable

Wireless option only available with Compact-W set

Easy handling
Quick cleaning
Straightforward disinfection
Supplied in a convenient robust carry case.



EQUINE DENTAL CAMERA WITH LED LIGHT - BASIC

Dental Video Camera with integrated LED light, field of vision: 115 degree, OD:15mm, WL:52cm Connections: Video/USB out including video cable
Power transformer (115 - 230V) Software for PC/notebook
Transportation case
Compatible to wireless modus

TW61-150B	Equine Dental Camera Basic	£6,025.00
M-56-A	LCD Monitor 5.5"	£495.00

EQUINE DENTAL CAMERA WITH LED LIGHT AND WIRELESS VIDEO TRANSMISSION

Equine Dental Camera with LED Light - Basic
Wireless Module Set including sender and USB receiver unit (TWE61-150W)

TW61-150S	Equine Dental camera with wireless option	£7,125.00
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Dearson 8000LI Motorised System & Accessories



The Dearson 8000 Li Motorised System is lightweight, powerful and convenient making it an ideal unit for use in equine dentistry.

It is powered by a Lithium Iron Phosphate Rechargeable Battery and includes a 24V DC Motor which is mounted inside the Controller Unit. The Unit also features a 5 speed bi directional Selector Switch and has a built in electronic torque trip switch designed to protect the Motor and the horse.

The Unit is convenient and quiet reducing stress and trauma to the horse.



The Lithium Iron Phosphate Rechargeable Battery is lightweight and powerful and can be charged up to 2000 times and is the most stable of all Lithium Batteries. The Battery lasts longer, loses less charge and therefore will give more power to your system.

The 24V Brushless Motor has a 5 speed Selector Switch ranging from 1300rpm to 7500rpm maximum. The Selector Switch is also bi directional allowing clockwise and anti-clockwise directions. Safe and convenient to use, there is a built in electronic torque trip-switch designed to protect both the Motor and the horse.



The Dearson 8000Li Base Unit contains:

- 24V DC Lithium Iron Phosphate Rechargeable Battery
- 24V Brushless Motor
- Cable
- Grease Gun and Hand piece Lubricant & Foredom Grease
- User Manual
- Web-type Belt with two pouches
- 24V Mains Battery Charger

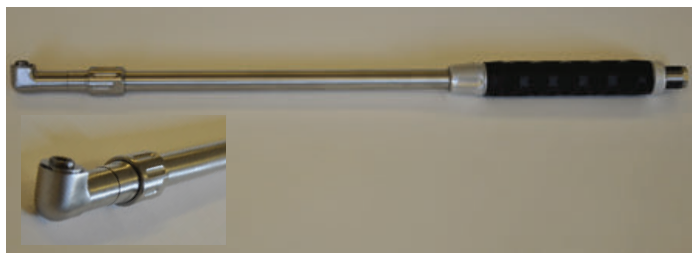
All contained within a strong Aluminium Case for easy storage and transportation.

The Unit is easy to maintain.

Manufactured and assembled in the UK.



20" Apple Core Multi Head Hand Piece & Burs



The 20" Apple Core Multi Head Hand Piece is ideal for cheek, buccal cusps, radius work and bit seats.

The 20" length of the hand piece and light weight burs makes working in the horse's mouth much safer.

Features:

Shrink Fit Handle Covering - Non Slip for wet hands

Key Drive

Grease Nipple for Lubrication

Lock Nut - simply unscrews to allow Hand Piece Heads to be interchanged - quick and simple, saves on Hand Piece down time.

Accepts a range of 1/4" UNF Threaded Burs

Code: AC20

1/4" UNF Threaded Burs for use with the Apple Core Multi Head Hand Piece.

The Burs are all coated with a unique synthetic diamond, which behaves like a natural diamond.

Please note some images show Bur attached onto hand piece (supplied separately).



Buccal Bur Code: **BUCCALBUR**

Designed for use when reducing buccal or lingual points in the upper and lower lower arcades.

Lightweight design and convex end face help to reduce soft tissue damage.

1 1/8" diameter.



Ball Nose Apple Core Bur

Code: **BALLNOSEBUR**

1/2" diameter.

Medium Diamond Grit.



Small Apple Core Bur

Code: **APPLECORESMALL**

1/2" diameter.

Medium Diamond Grit.



Medium Apple Core Bur

Code: **APPLECOREMEDIUM**

3/4" diameter.

Medium Diamond Grit.



Large Apple Core Bur

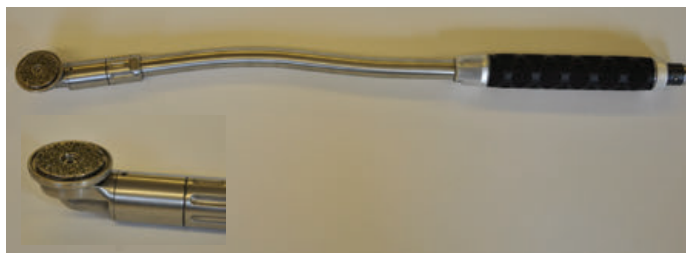
Code: **APPLECORELARGE**

1" diameter.

Medium Diamond Grit.

Other styles of Burs are available to order. Please call 0845 130 9596 or email info@vetinst.com for further details.

20" Uni Disk Multi Head Hand Piece & Disc



The 20" Uni-Disk Multi Head Hand Piece has a unique Pull and Turn Quad Position Head - allows for 360 degree rotation, making it possible to address every area of the horse's mouth. It also has a Double Curved Shaft which gives greater control in addressing routine dentistry work. The four positions are:

Open

Closed

Upper

Lower

The Uni-Disk Multi Head Handpiece is also bi directional to give greater control and help prevent soft tissue damage. It is supplied with a high quality synthetic 25mm diameter Diamond Disc. Replacement Discs are available.

Code: UD20

Features:

Shrink Fit Handle Covering - Non Slip for wet hands

Key Drive

Double Curved Shaft - gives greater control

Unique Pull and Turn Quad Position Head - allows for 360 degree rotation, making it possible to address every area of the horse's mouth

Grease Nipple for Lubrication

Lock Nut - simply unscrews to allow Hand Piece Heads to be interchanged - quick and simple, saves on Hand Piece down time.

Diamond Disc for use with Uni-Disk Multi Head Hand Piece.

The Disc is coated with a unique synthetic diamond, which behaves like a natural diamond.



Made from Stainless Steel Body and coated with a superior synthetic Diamond. The Diamond is designed to cleave whilst in use leaving a sharp edge as opposed to other diamonds rounding off. A good, all round, cutting Disc. Supplied with screw treated with an anti-vibration coating.

DEARSON BASE UNIT & ACCESSORIES

8000LI	Dearson 8000LI Base Unit and Cable	£1,715.00
AC20	20" Apple Core Multi Head Hand Piece	£965.00
BUCCALBUR	Buccal Bur for Apple Core Multi Head	£100.00
BALLNOSEBUR	Ball Nose Apple Core Bur for Apple Core Multi Head	£80.00
APPLECORESMALL	Small Apple Core Bur for Apple Core Multi Head	£57.50
APPLECOREMEDIUM	Medium Apple Core Bur for Apple Core Multi Head	£95.00
APPLECORELARGE	Large Apple Core Bur for Apple Core Multi Head	£110.00
UD20	20" Uni-Disk Multi Head Hand Piece	£1,175.00
DIAUNI	Diamond Disk for Uni-Disk Multi Head	£80.00

Other styles of Burs, Hand Pieces and Accessories for Dearson 8000Li are available to order. For further information, please call 0845 130 9596 or email info@vetinst.com

Motorised Bur System



Motorised Bur System

Based on the very robust Foredom motor and foot control the latest version of the motorised bur system is EC approved and has an extra long (60", 1.5m) flexible drive shaft. The drive shaft is insulated electrically from the motor. The minimum requirement for a system is ; motor and foot control, handpiece, bur, bur guard and soft tissue protector.

Typically users purchase the motor system plus a short bur (6" or 8") for the front of the mouth, and a long bur (10" or 12") for the molars.



A small bur handpiece (D235A) is also useful for delicate work.



Using 240 volts, care must be taken to minimise risk to the operator (always use a circuit breaker) and the patient (keep the speed down and use a soft tissue protector).

We recommend the use of a step down transformer to reduce the voltage to 110. Using 110v on a 240v motor has the effect of making it safer for the operator and reducing maximum bur speed and torque which is safer for the patient. A 110v extension cable is also available further distancing the operator from 240 volts.

MOTORISED BUR SYSTEM COMPONENTS

EDDR1A	Motor Kit - contains Motor, Foot Control, 60" (1.5m) Flexible Drive Shaft	£375.00
EDDR8	Aluminium Case for Kit	£60.00
EDDR2	1/4" Foredom Handpiece	£110.00
D235A	Small Bur Handpiece takes 2.36mm Shank (HP fitting)	£110.00
EDDR110	110V Conversion Kit with Plug	£120.00
EDDR110E	110V 14 Metre Extension	£25.00
D295051/2	Foredom Inner Flexidrive 60"	£45.00
D295051/3	Foredom Outer Flexidrive 60"	£45.00
D29GREASE	Foredom Grease	£18.50

5/8" DIAMETER CARBIDE BURS

EDBUR6	6" Carbide Bur	£57.50
EDBUR8	8" Carbide Bur	£57.50
EDBUR10	10" Carbide Bur	£57.50
EDBUR12	12" Carbide Bur	£57.50

5/8" DIAMETER DIAMOND COATED BURS

EDBUR6D	6" Diamond Coated Bur	£70.00
EDBUR8D	8" Diamond Coated Bur	£70.00
EDBUR10D	10" Diamond Coated Bur	£70.00
EDBUR12D	12" Diamond Coated Bur	£70.00

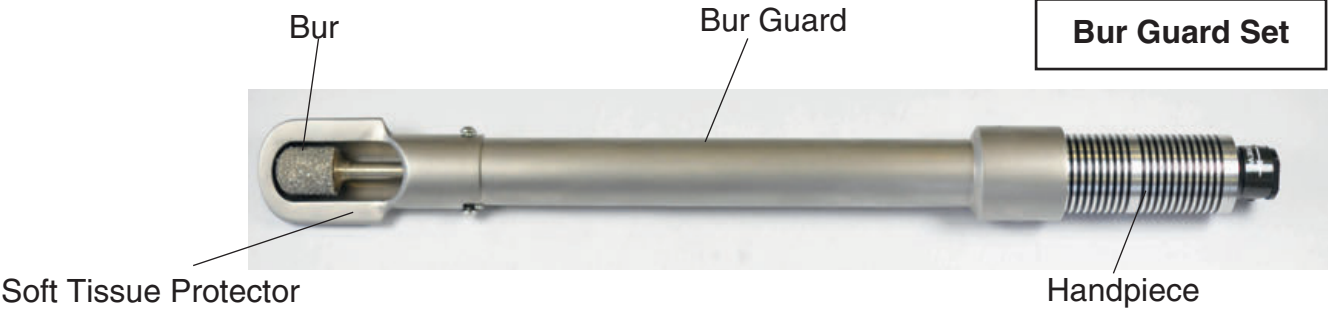
Bur Guards and Soft Tissue Protection

Our Bur Guards are machined from solid Stainless Steel and incorporate a support bearing close to the cutting head for improved performance and safety. A Stainless Steel Flange around Cutting Bur protects soft tissues with a minimum of bulk. The Soft Tissue Protector is interchangeable with all the Bur Guards.

Most users purchase a Handpiece, Long Bur Guard/ Bur combined.



BUR GUARDS AND SOFT TISSUE PROTECTION		
EDBG6	6" Bur Guard and Soft Tissue Protector	£220.00
EDBG8	8" Bur Guard and Soft Tissue Protector	£240.00
EDBG10	10" Bur Guard and Soft Tissue Protector	£260.00
EDBG12	12" Bur Guard and Soft Tissue Protector	£280.00



BUR GUARD SET

We recommend that Bur, Guard, Soft Tissue Protector and Handpiece are purchased and maintained as a set rather than attempting to change bur lengths on site.

Each of the following items includes a Handpiece, Bur, Bur Guard and Soft Tissue Protector.

EDBG6SET	6" Set	£320.00
EDBG8SET	8" Set	£340.00
EDBG10SET	10" Set	£360.00
EDBG12SET	12" Set	£380.00

For your convenience the Motorised Bur System is available as either a 6" and 10" set, or an 8" and 12" set including Motor Foot Control, Flexible Drive and Aluminium Case. It is cheaper to purchase the Set than the separate items.

MOTORISED BUR SYSTEM SET		
EDB610	6"/10" Set	£1,050.00
EDB812	8"/12" Set	£1,150.00

TYPHOON CARBIDE POINT BURS

2" Shank. Fast cut, smooth finish, reduced clog.

TYPHOON CARBIDE POINT BURS		
KB66734	Coarse 21mm Cylinder	£45.00
KB66735	Fine 21mm Cylinder	£45.00



Hoof Knife



Hoof Knife with Small Curl - right or left curve. Blade easy to sharpen with Diamond cone (012148)

HOOF KNIFE		
EH0001	Hoof Knife - Right Handed	£15.00
EH0002	Hoof Knife - Left Handed	£15.00

Diamond Cone



A useful sharpening tool with many applications including hoof knives and dental picks and scalers. The Diamond Cone is indestructable compared with stones which break very easily and uses water rather than oil as a lubricant.

DIAMOND CONE		
012148	Diamond Cone	£42.50

Small Loop Hoof Abscess Knife



Designed to curette out the smallest of abscess with this very sharp, but small loop. Ergonomic shaped wood handle.

SMALL LOOP HOOF ABSCESS KNIFE		
EH0003	Small Loop Hoof Abscess Knife	£35.00

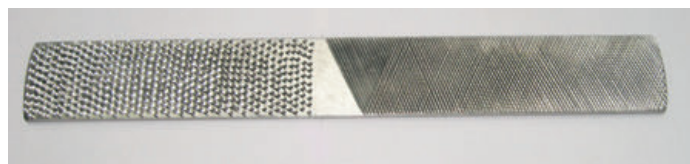
Hoof Rasp



Hoof rasp available with either fine or coarse teeth. Curved profile to aid performance.

HOOF RASP		
EH0004	Hoof Rasp - Coarse	£17.50
EH0005	Hoof Rasp - Fine	£17.50

Hoof Rasp - Double-ended



Hoof Rasp available with both fine and coarse teeth. Straight.

HOOF RASP - DOUBLE-ENDED		
EH0006	Hoof Rasp - Double-ended	£25.00

Hoof Knife - Folding



HOOF KNIFE - FOLDING		
EH0006a	Hoof Knife - Folding	£5.50

Hoof Tester



Range of Stainless Steel Hoof Testers in three different styles

Extra Large	47cm Length	20cm Maximum Jaw
Heavy Duty	45cm Length	12cm Maximum Jaw
Light	30cm Length	12cm Maximum Jaw

HOOF TESTER		
EH0007	Hoof Tester - Extra Large	£40.00
EH0008	Hoof Tester - Heavy Duty	£35.00
EH0009	Hoof Tester - Light	£25.00

Boening-Hertsch Hoof Tester



This adjustable design enables the jaws to remain parallel for more even and steadier diagnostic pressure. Stainless Steel.

BOENING-HERTSCH HOOF TESTER		
EH0010	Boening-Hertsch Hoof Tester	£145.00

Clinch Cutter



Clinch Cutter Double-ended tool (15cm) for opening the clinches to reduce hoof wall damage during shoe removal. Stainless steel.

CLINCH CUTTER		
EH0011	Clinch Cutter	£15.00

Farrier Tools - Value Range



Useful when the necessity of 'pulling' a shoe occurs during the course of a treatment. Available as a Set (including Clinch Cutter shown below) at a discounted rate.

FARRIER TOOLS		
EH0012	Shoe Puller/ Spreader 30cm Long	£50.00
EH0013	Hoof Cutter - Single Blade	£75.00
EH0014	Hoof Cutter. - Twin Blade	£75.00
EH0015	Nail Puller 30cm Long	£45.00
EHFASET	Farrier Set	£195.00

Hoof Buffer



HOOF BUFFER		
EH0011a	Hoof Buffer	£10.00

Steel Hoof Knife Trimmer



This popular compound action model has extra sharp blades that can be replaced. 50cm (20")

STEEL HOOF TRIMMER		
EH0016	Steel Hoof Trimmer	£105.00

Sand's Castration Clamp

Crushing Castration Clamp. Available with both curved and straight handles. Stainless Steel 12.5" (32cm)

SAND'S CASTRATION CLAMP		
ES001	Sand's Castration Clamp - Straight	£105.00
ES001c	Sand's Castration Clamp - Curved	£105.00

Serra Emasculator - Modified

Draws the cord concentrically into the centre of the jaws. Minimises slippage and haemorrhage. Curved handles. Available with or without ratchet. Stainless Steel 14" (35cm). This is the Standard Emasculator.

SERRA EMASCULATOR		
ES001a	Serra Emasculator - with Ratchet	£220.00
ES001d	Serra Emasculator - without Ratchet	£220.00

Reimer's Emasculator

Separate crushing and cutting actions. Cord is initially crushed with a ratchet action. The cut is performed using a separate lever when the surgeon is ready. Stainless Steel 13" 33cm Long.

REIMER'S EMASCULATOR		
ES001b	Reimer's Emasculator	£245.00

Ecraseur (Chassaignacs)

Ecraseur (Chassaignacs) made of Stainless Steel. 55cm Long

ECRASEUR (CHASSAIGNACS)		
ES004	Ecraseur	£345.00

Elastrator Instrument

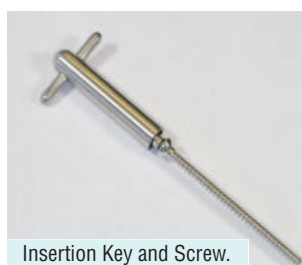
Useful in the management of sarcoids

ELASTRATOR INSTRUMENT		
ESJ36	Elastrator Instrument	£17.50
ESJ36b	Elastrator Band - Latex Pack of 100	£27.50

VI Speciality Surgical Products

Osseous Infusion

Cannulated Luer Lock Infusion Screw



Insertion Key and Screw.



Drill and tap hole.



Insert cannulated
screw



Attach connector and
infuse antibiotic

Pictures Greg Quinn

Where infection has penetrated and lodged in the medullary cavity of bone in the distal limb it may be necessary to infuse antibiotics directly to achieve therapeutic levels where they are needed.

Drill and Tap 4.5 threaded hole

Insert Cannulated Infusion Screw

Attach Syringe and Connector and infuse

Set includes 4 Cannulated Infusion Screws (12mm, 20mm, 35mm, 65mm) and Insertion Key in a Stainless Steel Box.

CANNULATED LUER LOCK INFUSION SCREW SET		
ESISSET	Cannulated Luer Lock Infusion Screw Set	£125.00
ES014303	Cannulated Infusion Screw (12mm)	£25.00
ES014304	Cannulated Infusion Screw (20mm)	£25.00
ES014305	Cannulated Infusion Screw (35mm)	£25.00
ES014306	Cannulated Infusion Screw (65mm)	£25.00
ESISBOX	Spare Box for Infusion Screw Set	£27.50

Modified Frontonasal Flap

45mm 2" Trephine for Modified Frontonasal Flap



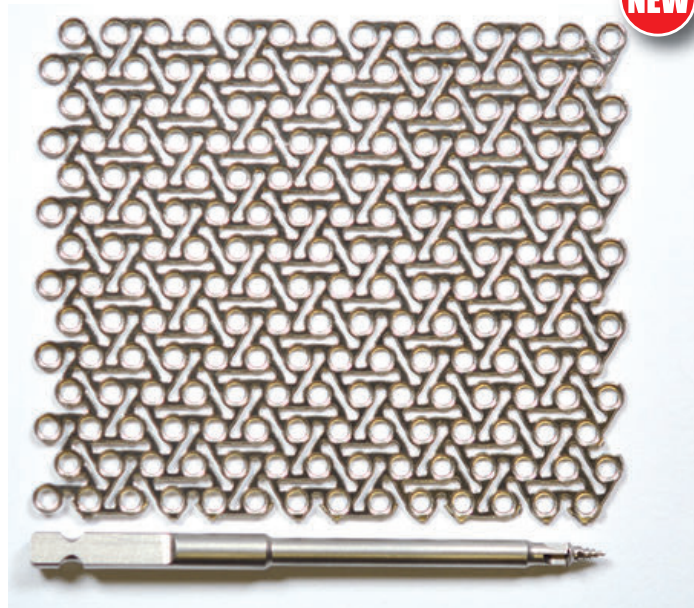
Pictures Greg Quinn

Use in the creation of the modified frontonasal flap (SFF) as described by Greg Quinn in Equine Veterinary Journal (2005).

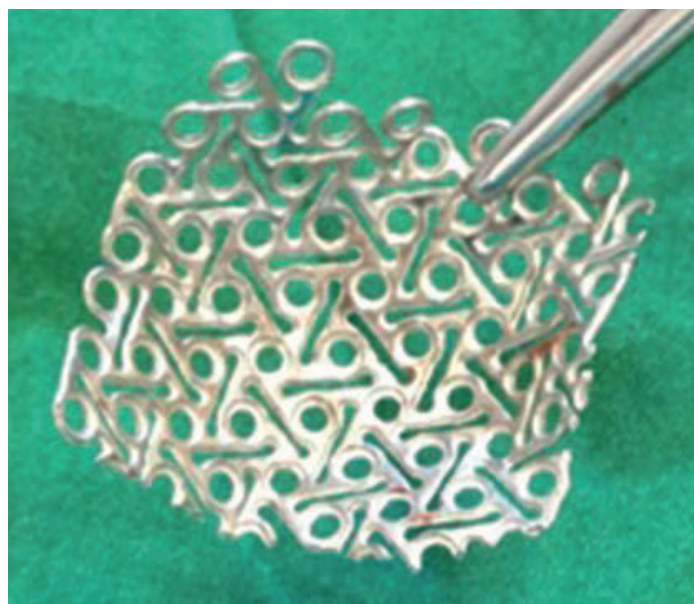
The technique was found to be practical and provided satisfactory exposure of the sinus contents for diagnosis and removal of diseased tissue in a range of disorders. Use of the technique reduces surgery time and a number of risks associated with sinus surgery.

45MM/ 2" TREPHINE FOR MODIFIED FRONTONASAL FLAP		
ED0052F	45mm/ 2" Trephine	£220.00

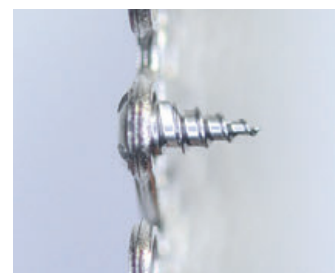
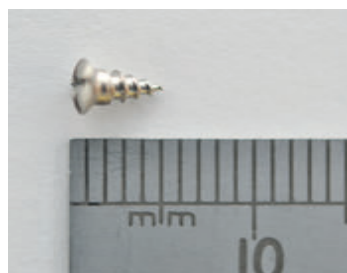
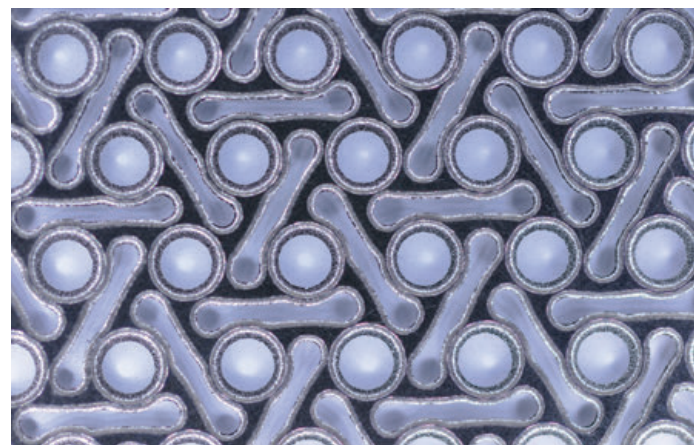
Titanium Mesh System

NEW


For the first time, we are making titanium mesh available directly to vets. Based on a human product, our Titanium Mesh is cuttable and is mouldable in three-dimensions, making it very adaptable and ideal for cranial fractures and in the management of fractures of other flat bones.



The triangular pattern allows 5mm between screw-hole centres. The mesh is 0.6mm thick and becomes more rigid as it is bent into a three-dimensional form.



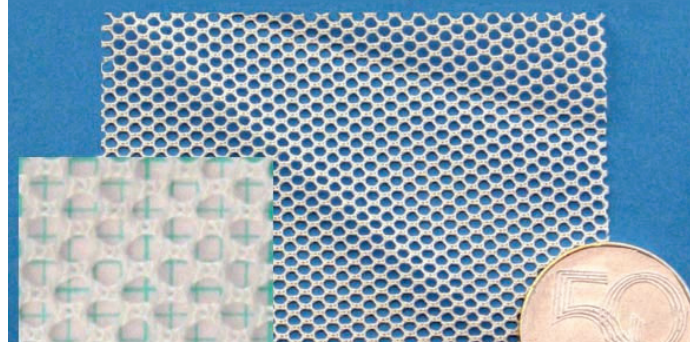
The Screws are tapered, making them self-drilling and self-tapping, however, a drill of 1mm diameter or less may be used to start the screws and may help reduce the chances of cracks forming if used close to the fracture lines. The Screws are made of titanium to avoid any problems arising from mixed metallurgy and feature a low profile cruciate head designed for use with the Cruciate Screwdriver with AO Quick Release fitting shown. A 5mm or 7mm length appears to be the most useful.

TITANIUM MESH SYSTEM

TIMESH405006	Titanium Mesh 40mm x 50mm 0.6mm thick	£205.00
TIMESH506006	Titanium Mesh 50mm x 60mm 0.6mm thick	£225.00
TIMESH607006	Titanium Mesh 60mm x 70mm 0.6mm thick	£245.00
TIMESH SCREW2005	Titanium Mesh Screws Tapered 2.0mm x 5.0mm length Cruciate Head	£9.50
TIMESH SCREW2007	Titanium Mesh Screws Tapered 2.0mm x 7.0mm length, Cruciate Head	£9.50
TIMESHSDI	Screwdriver Insert for 2.0mm Cruciate Titanium Mesh Screws AO Quick Release	£85.00

Polyester Mesh

Polyester Surgical Hernia Mesh 60 x 80 mm, sterile



Use Polyester Mesh to repair soft tissue defects where alternative autografts are not available. For example perineal hernia (illustrated), umbilical hernia.

Mesh loop diameter 1mm. Sheet size 60mm x 80mm or 60mm x 120mm Supplied single pack sterile.



POLYESTER MESH

PM6080	Polyester Mesh 60mm x 80mm Single	£35.00
PM60120	Polyester Mesh 60mm x 120mm Single	£45.00

Laryngeal Hemiplegia

Tie-back/ Tie-forward techniques

Tie-back and the more recent Tie-forward techniques require strong, abrasion resistant materials. Monofilament leader line is one such material. Whilst being very strong, leader line has the disadvantage that it is difficult to tie without leaving a large bulky knot which is prone to seroma formation. Veterinary Instrumentation's crimping systems join materials without leaving a knot. The crimp is both secure and low profile.

Sterile Leader Line & Crimp + Needle

Most Surgeons now prefer our sterile procedure packs. Available as a single or discounted multi-pack.

This pack contains everything required for a single procedure.

STERILE LEADER LINE & CRIMP + NEEDLE		
091155	50lb nylon line x 500mm on swaged-on v. small curved needle + 10mm crimp (sterile)	£15.50
091156	80lb nylon line x 800mm on swaged-on small curved needle + 12mm crimp (sterile)	£16.50
091157	100lb nylon line x 800mm on swaged-on medium curved needle + 12mm crimp (sterile)	£17.50
091155/5	50lb nylon line x 500mm on swaged-on v. small curved needle + 10mm crimp (sterile) 5 Pack	£67.50
091156/5	80lb nylon line x 800mm on swaged-on small curved needle + 12mm crimp (sterile) 5 Pack	£72.50
091157/5	100lb nylon line x 800mm on swaged-on medium curved needle + 12mm crimp (sterile) 5 Pack	£77.50
091159	5 of each sterile Tie-back pack (50lb, 80lb and 100lb.) 15 in total	£175.00

Crimping Forceps



Dedicated crimping forceps are required to avoid over-crimping or under-crimping, both of which will lead to early implant failure.

CRIMPING FORCEPS		
091135	Crimping Forceps	£125.00

Correct Crimping



Correct. Three evenly spaced crimps



Incorrect. Not enough crimps



Incorrect. Crimps too close to end of tube

LigaFiba®

LigaFiba® is a new, extremely strong surgical suture material. It is composed entirely of Ultra High Molecular Weight Polyethylene, the same hard wearing material from which we make acetabular cups. Until now it has not been possible to spin it fine enough to produce flexible tieable strands.

Weight for weight it is 15 x stronger than steel and 2.5 x stronger than nylon. Importantly it has very good abrasion characteristics which is important when used in hostile environments such as lateral sutures and hip toggles.

LigaFiba® is available in three breaking strains.

150lb (70kg)	0.6mm in diameter
250lb (113kg)	1.0mm in diameter
500lb (230kg)	1.6mm in diameter

LigaFiba® has a number of applications in veterinary orthopaedics and is available in a range of sterile presentations.

As a braided material LigaFiba® should only be used in aseptic conditions.

LigaFiba® Tie-back Sutures

Extreme strength, minimal stretch and good abrasion characteristics make LigaFiba® an ideal material for Tie-back sutures. The loop may be either tied or crimped at the end of the procedure. LigaFiba® for any given diameter is more than twice as strong as monofilament nylon.

Lateral sutures are supplied sterile with size appropriate curved needle on one end and a straight round bodied needle at the other.



LIGAFIBA® LATERAL SUTURES		
LFLS150	150lb LigaFiba® Lateral Suture (500mm)	£19.50
LFLS250	250lb LigaFiba® Lateral Suture (500mm)	£19.50
LFLS500	500lb LigaFiba® Lateral Suture (600mm)	£19.50

LigaFiba® Crimps

LigaFiba® ties very well but many surgeons prefer the low profile, security and speed of crimps. Crimps are available for all sizes of LigaFiba®. Please note that only the LigaFiba® Crimper is powerful enough for LigaFiba® Crimps.

LIGAFIBA® CRIMPS		
LFCRIMP150	Crimp for 150lb LigaFiba®	£8.00
LFCRIMP250	Crimp for 250lb LigaFiba®	£8.00
LFCRIMP500	Crimp for 500lb LigaFiba®	£8.00

Titanium Buttons



Titanium is very biocompatible and our range of Titanium Buttons has been loosely modelled on the familiar UHMWPE Ormrod button we have been supplying for some time.

Despite being slightly lower profile, these resist higher peak loading than their UHMWPE equivalents. Their overall diameters have been maintained to try and limit osteolysis and the subsequent subsidence that is occasionally seen with lower footprint buttons. Their edges have been made as smooth as possible to reduce suture wear.

TITANIUM BUTTONS		
TIBUT11H	Titanium Button 11mm 2 Holes	£17.50
TIBUT11S	Titanium Button 11mm 2 Slots	£17.50

Compound Action Crimpers for LigaFiba®



The Compound Action Crimper delivers a pre-measured crimp with minimal effort. The jaw cut outs prevent over crimping. These crimpers require the least effort of any crimper available. The Compound Action Crimper is suitable for all crimps apart from the thin walled 50lb Ande Crimp which suits the Standard Simple Action Crimper.

COMPOUND ACTION LIGAFIBA® CRIMPERS

091135SC Compound Action LigaFiba® Crimpers 230mm

£185.00

CCL Loop Tensioning



Leader line gripped by thumbscrew.



Does not require use of extra crimps - less wasteful.

Speed lock type action gives more 'feel' than ratchet type.

Jaws designed specifically for crimping system.

The literature tells us little about the correct tension. We recommend that the anterior draw is eliminated but that an outward rotation of the tibia is not created.

Remember over tensioning is as big a technical error as under tensioning!

Instructions on use on www.vetinst.com

CCL LOOP TENSIONER

091132A CCL Loop Tensioner 175mm

£160.00

Pozzi Tenaculum Forceps for Tie-back Procedure



Use in Tie-back surgery to stabilise cricoid.

POZZI TENACULUM FORCEPS

ES014250 Pozzi Tenaculum Forceps

£42.50

Hobday Procedure

Still widely used the Hobday technique is another option for the management of laryngeal hemiplegia.

Hobday's Roaring Bur



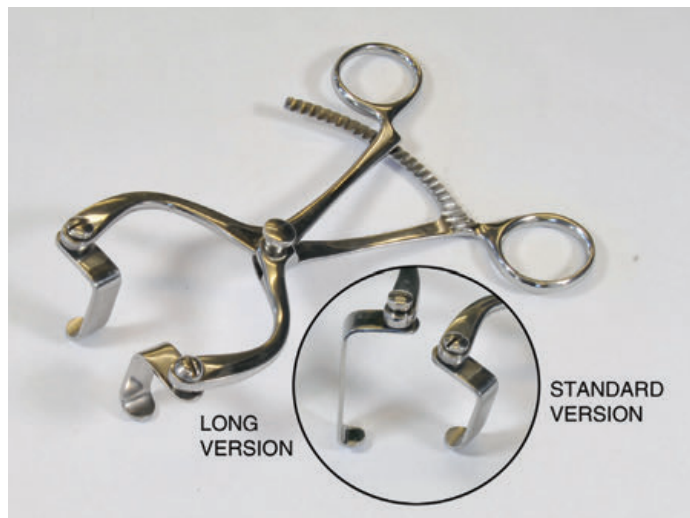
Hobday's Roaring Bur 10mm (0.375") Bur approx. 21cm (8.5") Long

HOBDAY'S ROARING BUR

ES0049 Hobday's Roaring Bur 21cm Long

£47.50

Hobday's Roaring Retractor



Hobday's Roaring Retractor. Self-retaining. Available in a standard and long version.

HOBDAY'S ROARING RETRACTOR

ES0028 Hobday's Roaring Retractor - Standard 25mm Blades **£120.00**

ES0028i Hobday's Roaring Retractor - Long 40mm Blades **£120.00**

Stitch Up Kits

Veterinary Instrumentation offers four versions of a basic stitch up kit contained in an autoclaveable stainless steel case. The kits differ in the style of needleholder included. When bought as a kit a saving of around 20% is made on normal list price.



KIT A

- 2 x 6" Spencer Wells Artery Forceps Curved
- 2 x 6" Spencer Wells Artery Forceps Straight
- 1 x Scalpel Handle No 3
- 1 x 6" Lanes Dissecting Forceps - Rough Handles
- 1 x 5.5" Straight Mayo Surgical Scissor
- 1 x 6.25" Gillies Needleholder/ Scissor
- 1 x Stainless Steel Instrument Case

KIT B

- 2 x 6" Spencer Wells Artery Forceps Curved
- 2 x 6" Spencer Wells Artery Forceps Straight
- 1 x Scalpel Handle No 3
- 1 x 6" Lanes Dissecting Forceps - Rough Handles
- 1 x 5.5" Straight Mayo Surgical Scissor
- 1 x 6.5" Olsen Hegar Needleholder/ Scissor
- 1 x Stainless Steel Instrument Case

KIT C

- 2 x 6" Spencer Wells Artery Forceps Curved
- 2 x 6" Spencer Wells Artery Forceps Straight
- 1 x Scalpel Handle No 3
- 1 x 6" Lanes Dissecting Forceps - Rough Handles
- 1 x 5.5" Straight Mayo Surgical Scissor
- 1 x 6.5" Mayo Hegar Needleholder T.C. jaws
- 1 x Stainless Steel Instrument Case

KIT D

- 2 x 6" Spencer Wells Artery Forceps Curved
- 2 x 6" Spencer Wells Artery Forceps Straight
- 1 x Scalpel Handle No 3
- 1 x 6" Lanes Dissecting Forceps - Rough Handles
- 1 x 5.5" Straight Mayo Surgical Scissor
- 1 x 6.5" Olsen Hegar with Tungsten Jaws Needleholder/ Scissor
- 1 x Stainless Steel Instrument Case

STITCH UP KITS		
ESSKA	Equine Stitch Up Kit A	£175.00
ESSKB	Equine Stitch Up Kit B	£180.00
ESSKC	Equine Stitch Up Kit C	£180.00
ESSKD	Equine Stitch Up Kit D	£200.00

CollaVET



NEW GENERATION DEVICES

Veterinary Instrumentation is pleased to announce that it has been appointed exclusive distributor in the UK and Europe for the CollaVET product range from New Generation Devices.

CollaVET consists of pure type 1 collagen, the most common of the collagens found in vertebrates. As type 1 collagen of different species is homologous, the body does not recognise it as a foreign material. Therefore this collagen is highly biocompatible and is resorbed fully by the body.

Indications: Localised drug delivery, for example carrying antibiotics as a resorbable alternative to PMMA beads.

Haemostasis – intact collagen fibres have intrinsic haemostatic properties when applied to the bleeding site

Wound Healing – chronic and acute wounds, exuding wounds, ulcers, burns.

CollaVET			
CVS-20403	CollaVET Sponge 20 x 40 x 3mm	10 Pack	£195.00
CVS-20403-Sin	CollaVET Sponge 20 x 40 x 3mm	Single	£22.50
CVS-223	CollaVET Sponge 2" x 2" x 3mm	5 Pack	£175.00
CVS-223-Sin	CollaVET Sponge 2" x 2" x 3mm	Single	£40.00
CVS-343	CollaVET Sponge 3" x 4" x 3mm	5 Pack	£195.00
CVS-343-Sin	CollaVET Sponge 3" x 4" x 3mm	Single	£45.00
CVS-25751	CollaVET Foam 25 x 75 x 1mm	10 Pack	£235.00
CVS-25751-Sin	CollaVET Foam 25 x 75 x 1mm	Single	£25.00
CVF-01	Fibrillar Collagen	15 Pack	£295.00
CVF-01-Sin	Fibrillar Collagen	Single	£22.50
CVP-1020	Collagen Plug	10 Pack	£195.00
CVP-1020-Sin	Collagen Plug	Single	£22.50

Skin Staplers

Aesculap Manipler Disposable Skin Stapler



- Lightweight Design
- High Quality Construction
- Consistent reliable performance
- Slim Grip Design

Unique Angled Head allows the surgeon to see the incision as well as closing it. Flexible Placement Angle allows choice of staple depth. Economical - 36 Staples.

MANIPLER SKIN STAPLER		
783100	Manipler Skin Stapler	£11.50
783101	Manipler Skin Stapler 12 units for the price of 10	£105.00

Staple Remover



Universal Staple Remover

STAPLE REMOVER		
012544	Staple Remover	£8.50



PROXIMATE® Equine Reloadable Linear Stapler

NEW



TLH90

Proximate® Reloadable Linear Staplers are:

Consistent – parallel jaw closure provides consistent staple formation

Easy to use – one-hand operation (close, fire, release)

Easy to place at the desired line of transection with the intermediate locking position

Adaptable – different reloads to accommodate a variety of tissue thicknesses; heavy-wire model has the longest staple leg length available of all our stapler cartridges.

Proximate® Reloadable Linear Staplers deliver two staggered rows of Titanium staples in order to approximate internal tissues. Controlled compression and designed for tissue management with adjustable staple height. Easy to position and easy to fire.

Proximate® Reloadable Linear Staplers allow you to adjust the height to accommodate various tissue thicknesses. You manage the approximation of tissue through the parallel jaw closure for ideal tissue compression. The TLH Models fire heavy wire staples with the longest staple leg length for thick tissue.

Useful in gastro-intestinal and thoracic surgery.

Staples only - does not cut.

PROXIMATE® TL & TR LINEAR STAPLERS		
JJTL90	Proximate Titanium Stapler 90mm Pack of 3	£550.00
JJTL90/S	Proximate Titanium Stapler 90mm Single	£195.00
JJTLH90	Proximate Titanium Stapler 90mm Heavy Wire Pack of 3	£550.00
JJTLH90/SINGLE	Proximate Titanium Stapler 90mm Heavy Wire Single	£195.00
PROXIMATE® TL & TR LINEAR RELOADS		
JJTR90	Proximate Reload for TL Stapler 90mm Pack of 12	£1,100.00
JJTR90/3	Proximate Reload for TL Stapler 90mm Pack of 3	£300.00
JJTRH90	Proximate Titanium Reload for TLH Stapler 90mm Heavy Wire Pack of 12	£1,100.00
JJTRH90/3	Proximate Titanium Reload for TLH Stapler 90mm Heavy Wire Pack of 3	£300.00

Other Ethicon Endo-surgery Products are available to order on request. These can be ordered in as required, and are usually available in 2-3 days subject to Ethicon's stock. Please contact us on 0845 130 9596 or email info@vetinst.com

Ethicon Endo-surgery Equine Linear Cutter & Reloads



Proximate® Linear Cutter is a sterile instrument that simultaneously staples and divides tissue. It may be used for transection, resection, and the creation of anastomosis.

Features include:

CAM Mechanism for consistent staple formation

Tissue Retaining Button - assists with setting the closed staple height and also prevents tissue slippage out of the distal end of the instrument

Two rows of staggered staples on either side of the cut line

Safety Lockout feature prevents firing of unloaded device

Intermediate Locking Position allows repositioning of tissue and longest available cut line with the 100mm device, to transect more tissue in one firing.

The only Linear Cutter used in horses for anastomosis of the small intestine is the 100mm Linear Cutter.

PROXIMATE® TCT LINEAR CUTTERS		
JJCT10	Proximate Linear Cutter 100mm Thick Tissue Green Pack of 3	£690.00
JJCT10/SINGLE	Proximate Linear Cutter 100mm Thick Tissue Green Single	£240.00
PROXIMATE® TCT LINEAR CUTTER RELOADS		
JJTRT10	Proximate Linear Cutter Reload 100mm Thick Tissue Green Pack of 12	£1,525.00
JJTRT10/3	Proximate Linear Cutter Reload 100mm Thick Tissue Green Pack of 3	£390.00

Ligaclip Re-usable Clip Appliers & Titanium Clips



Fully autoclavable colour coded Clip Applier, dedicated to the relevant clip size. Quick and easy to use. The jaws have a groove to hold the clip – once loaded the clip is held securely until it is placed and compressed. Clip closure is maintained by the

inherent rigidity of the metal. Designed for tubular ligation.

LIGACLIP RE-USABLE CLIP APPLIERS AND TITANIUM CLIPS		
JJLX310	Ligaclip Applier Reusable 10.5" Green Med/ Large Clips	£295.00
JJLC307	Ligaclip Applier Reusable 7.5" Green Med/ Large Clips	£275.00
JJLC320	Ligaclip Applier Reusable 10.5" Green Med/ Large Clips Right Angle	£315.00
JJLC407	Ligaclip Applier Reusable 7.5" Yellow Large Clips	£275.00
JJLC410	Ligaclip Applier Reusable 10.5" Yellow Large Clips	£295.00
JJLC420	Ligaclip Applier Reusable 10.5" Yellow Large Clips Right Angle	£305.00
JJLT300	Ligaclip Titanium Clips Green Med/ Large 6 x 18	£185.00
JJLT400	Ligaclip Titanium Clips Yellow Large 6 x 18	£200.00

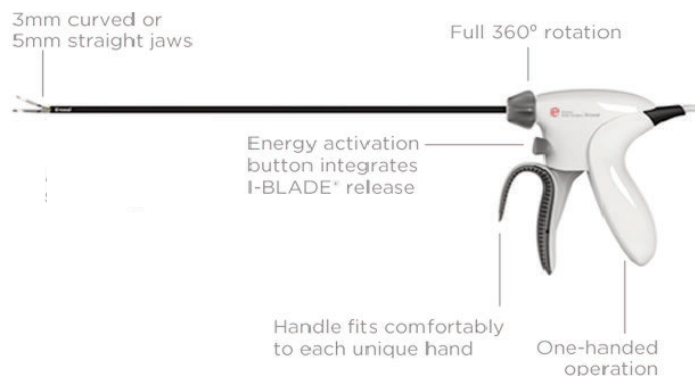
Ethicon Endo-surgery

NEW



Ethicon Enseal Handpieces

Enseal G2 Curved and Straight Tissue Sealers



The ENSEAL range are Advanced Bipolar Tissue Sealers for coagulating and transecting vessels up to 7mm in diameter. These units are gentle on tissues due to the offset electrode configuration which is designed to minimise thermal spread. There is less sticking over multiple activations, and even pressure along the whole jaw in use. Available in a range of lengths. Shaft diameter 5mm, fully rotatable. The ergonomic handle is designed for one handed operation. For use with Ethicon Gen 11 Console.

ETHICON ENSEAL LAPAROSCOPIC HANDPIECES

JJNSLG2C45	Enseal G2 Tissue Sealer Curved 45cm Pack of 6	£3,110.00
JJNSLG2C45/SINGLE	Enseal G2 Tissue Sealer Curved 45cm Single	£545.00
JJNSLG2S35	Enseal G2 Tissue Sealer Straight 35cm Pack of 6	£2,925.00
JJNSLG2S35/SINGLE	Enseal G2 Tissue Sealer Straight 35cm Single	£515.00
JJNSLG2S45	Enseal G2 Tissue Sealer Straight 45cm Pack of 6	£3,110.00
JJNSLG2S45/SINGLE	Enseal G2 Tissue Sealer Straight 45cm Single	£545.00

Enseal G2 Super Jaw Device



The Enseal G2 Super Jaw Tissue Sealer offers advancements to seal and transect vessels up to and including 7mm.

Designed to provide high uniform compression throughout the length of the jaw when advancing the I-Blade.

Designed for open procedures, this Handpiece has a 12mm diameter, 22cm long shaft and a 40mm length

jaw. Single handed action with 360 degree rotation. Separate energy activation button integrates I- Blade release.

ETHICON ENSEAL G2 SUPER JAW TISSUE SEALER DEVICE

JJNSEALX22L	Enseal G2 Super Jaw Device Pack of 6	£2,800.00
JJNSEALX22L/SINGLE	Enseal G2 Super Jaw Device Single	£495.00

Other handpieces powered by the GEN11 are available on request. Available direct from Ethicon is the Gen 11 Console, supplied with HP054 Grey Harmonic Handpiece, Foot pedal and Cart, as a bundle deal at a special price of £9,400 exc VAT. Price subject to change.

Please contact us on 0845 130 9596 or e-mail info@vetinst.com about the GEN11 offer direct from Ethicon.

Endopath® Xcel Dilating-Tip Trochar



Features: cannula with integrated thread design, providing greater abdominal wall retention and minimal trochar slip-outs. Maintains

abdominal wall insufflation whilst accommodating compatibility with a wide range of instruments (4.7mm to 12.9mm). Easy to use - shield reset button engages blade shield protecting internal structures from damage during insertion.

ENDOPATH® XCEL DILATING-TIP TROCHAR

JJD12XT	Endopath® Xcel Dilating-Tip Trochar Pack of 6	£550.00
JJD12XT/3	Endopath® Xcel Dilating-Tip Trochar Pack of 3	£300.00

Surgical Instruments

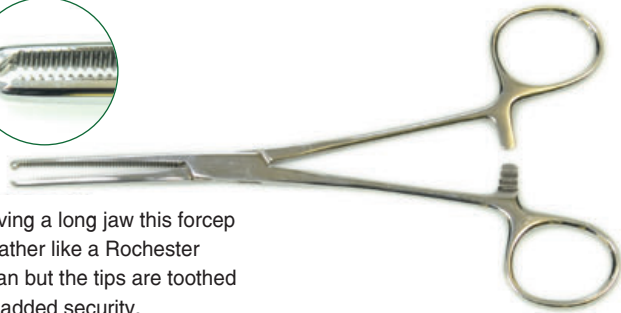
Veterinary Instrumentation can supply any pattern of surgical instruments. See our general catalogue for details.

Artery Forceps

Kocher



Having a long jaw this forcep is rather like a Rochester Pean but the tips are toothed for added security.



KOCHER

105521	Kocher Artery Forceps Str 15cm 6"	£32.50
105522	Kocher Artery Forceps Cof 15cm 6"	£34.50

Spencer Wells



The standard veterinary artery forceps. If the text states "artery forceps or haemostat" this is probably the one.

SPENCER WELLS

106600	Spencer Wells Artery Forceps Str 12.5cm 5"	£22.00
106605	Spencer Wells Artery Forceps Str 15cm 6"	£24.50
106610	Spencer Wells Artery Forceps Str 18cm 7"	£27.50
106615	Spencer Wells Artery Forceps Str 20cm 8"	£35.00
106620	Spencer Wells Artery Forceps Str 23cm 9"	£47.50
106621	Spencer Wells Artery Forceps Str 30cm 12"	£59.50
106625	Spencer Wells Artery Forceps Cof 12.5cm 5"	£24.00
106630	Spencer Wells Artery Forceps Cof 15cm 6"	£26.00
106635	Spencer Wells Artery Forceps Cof 18cm 7"	£29.50
106640	Spencer Wells Artery Forceps Cof 20cm 8"	£38.50
106645	Spencer Wells Artery Forceps Cof 23cm 9"	£48.50

Dissecting Forceps 1/2 Teeth



DISSECTING FORCEPS 1/2 TEETH

341145	Dissecting Forceps 1/2 Teeth 15cm 6"	£22.00
341160	Dissecting Forceps 1/2 Teeth 18cm 7"	£23.00
341170	Lanes Dissecting Forceps 1/2 Teeth 15cm 6"	£24.00
349520	Lanes Dissecting Forceps 2/3 Teeth 18cm 7"	£25.00

McPhails Needleholders

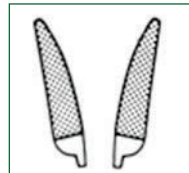


The McPhails Needleholder has soft copper jaws for extra needle grip. The catch engages with a moderate squeeze on the handles. Further pressure releases the catch and the needle.

McPHAILS

584650	McPhails Needleholders 15cm 6"	£70.00
584660	McPhails Needleholders 18cm 7"	£75.00
584670	McPhails Needleholders 20cm 8"	£80.00

Gillies



Actual size

Combined Scissor/ Needleholder.

GILLIES

582950	Gillies N/Holders RH 16cm 6.25"	£47.50
582951	Gillies N/Holders LH 16cm 6.25"	£51.50
602950	Gillies N/Holders RH T.C. Jaws 16cm 6.25"	£95.00
602951	Gillies N/Holders LH T.C. Jaws 16cm 6.25"	£115.00

Galibans Suture Forceps



Use when placing sutures under tension. Galibans used by an assistant are used to atraumatically secure the first throw. The Galibans are removed as the second throw is tightened.

GALIBANS SUTURE HOLDING FORCEPS

58900	Galibans Suture Holding Forceps	£44.50
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Very Small Fragment Forceps



Borrowed from small animal orthopaedicsthesethese Very Small Fragment Forceps are a useful aid for accurately approximating skin/ wound edges together during closure.

Used singly or in pairs.

VERY SMALL FRAGMENT FORCEPS

001208	Very Small Fragment Forceps 100mm	£65.00
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Mayo and Mayo Hegar (T.C.)



The veterinary general purpose needleholder, available in a large range of sizes with or without tungsten jaws.

MAYO AND MAYO HEGAR (T.C.)		
584750	Mayo Needleholders 12.5cm 5"	£32.00
584760	Mayo Needleholders 14cm 5.5"	£33.50
584780	Mayo Needleholders 16.5cm 6.5"	£34.50
584765	Mayo Needleholders 18cm 7.0"	£37.50
584810	Mayo Needleholders 19cm 7.5"	£39.50
604700	Mayo Hegar T.C. Jaws 12.5cm 5"	£57.50
604705	Mayo Hegar T.C. Jaws 14cm 5.5"	£60.00
604712	Mayo Hegar T.C. Jaws 15cm 6"	£65.00
604715	Mayo Hegar T.C. Jaws 16.5cm 6.5"	£67.50
604715L	Mayo Hegar T.C. Jaws Left Handed 16.5cm 6.5"	£75.00
604720	Mayo Hegar T.C. Jaws 18.5cm 7"	£75.00
604730	Mayo Hegar T.C. Jaws 19cm 7.5"	£80.00
604735	Mayo Hegar T.C. Jaws 20cm 8"	£85.00
604740	Mayo Hegar T.C. Jaws 23cm 9"	£95.00

Olsen Hegar Scissor/ Needleholder



Olsen Hegar's combine the best features of Gillies and needleholders. They cut stitches but also lock. Highly recommended. Combined scissor/needleholder. Looser 'feel' will feel more like a scissor than a needleholder in use.

OLSEN HEGAR SCISSOR/ NEEDLEHOLDER		
585400	Olsen Hegar N/Holders 14cm 5.5"	£60.00
585410	Olsen Hegar N/Holders 16.5cm 6.5"	£65.00
585420	Olsen Hegar N/Holders 19cm 7.5"	£70.00
605340	Olsen Hegar N/Holders T.C. Jaws 11.5cm 4.5"	£77.50
605350	Olsen Hegar N/Holders T.C. Jaws 14cm 5.5"	£85.00
605355	Olsen Hegar N/Holders T.C. Jaws 16.5cm 6.5"	£85.00
605355L	Olsen Hegar N/Holders T.C. Jaws LH 16.5cm 6.5"	£90.00
605360	Olsen Hegar N/Holders T.C. Jaws 19cm 7.5"	£90.00
605350S	Olsen Hegar N/Holders T.C. Jaws Supercut 14.5cm 5.5"	£95.00
605380	Olsen Hegar N/Holders T.C. Jaws Supercut 17cm	£95.00
605385	Olsen Hegar N/Holders T.C. Jaws Supercut 18cm 7"	£105.00
605390	Olsen Hegar N/Holders T.C. Jaws Supercut 19cm 7.5"	£110.00
605361	Olsen Hegar N/Holders Razor Cut 14.5cm 5.5"	£87.50
605362	Olsen Hegar N/Holders Razor Cut 17cm 6.5"	£90.00

Scissors

General Purpose Dressing Scissors



The comfortable handles and serrated blades make these a useful all round dressing scissor cheap enough for each consulting room.

GENERAL PURPOSE DRESSING SCISSORS		
744840	General Purpose Dressing Scissors	£9.50

Lister Bandage Scissors



LISTER BANDAGE SCISSORS		
744800	Lister Bandage Scissor 14cm 5.5"	£21.50
744810	Lister Bandage Scissor 18cm 7"	£24.00

Heath Stitch Cutter Scissors



General purpose stitch cutter.

HEATH STITCH CUTTER SCISSORS		
743800	Heath Stitch Scissors 15cm 6"	£46.50

Littauer Stitch Cutter Scissors



Very nice for removal of small awkward sutures.

LITTAUER STITCH		
745095	Littauer Stitch Cutter Scissors 8cm 3.5"	£24.00
745100	Littauer Stitch Cutter Scissors 11cm 4.5"	£25.00
745110	Littauer Stitch Cutter Scissors 12.5cm 5"	£26.00

Bruns/ Bohler Scissors



Although the Bruns/Bohler shears were originally designed for cutting plaster casts in human orthopaedics, their very heavy duty manufacture makes them very effective as a 'super-duty' bandage shear. Progress in

removing even the largest of multi-layer bandages is very efficient, proving them to be a tremendous time (and money!) saver. Their oversized handles are extremely comfortable in heavy use and their blunt ends reduce the chances of patient injury. Highly recommended.

BRUNS/ BOHLER SCISSORS		
161405	Bruns/ Bohler Scissors 245mm	£95.00

Surgical Scissors

Surgical scissors are typically either one of two designs. The Mayo is the general purpose surgical scissor in which the blade occupies approximately one third of the length of the scissor. The 14cm straight Mayo is the standard veterinary surgical scissor. The Metzenbaum is a finer lighter scissor in which the blade occupies approximately one quarter of the scissor length. Using a 14.5cm metzenbaum rather than a 14cm Mayo will give you a finer scissor but a similar working distance.

Each style of scissor is available in four different qualities which vary according to blade construction and cutting characteristics. They can be identified by handle colour.

- Standard Stainless
- Supercut Black
- Tungsten Carbide Gold
- Supercut T.C. Black & Gold

Surgical Scissor - Standard



MAYO-STANDARD		
745300	Mayo Chamf Blades Str 14cm 5.5"	£23.00
745300L	Mayo Chamf Blades Str Left Handed 14cm 5.5"	£24.00
745310	Mayo Chamf Blades Str 16.5cm 6.5"	£26.00
745320	Mayo Chamf Blades Str 19cm 7.5"	£32.00
745330	Mayo Chamf Blades Str 21.5cm 8.5"	£43.50
745400	Mayo Chamf Blades Cof 14cm 5.5"	£26.00
745410	Mayo Chamf Blades Cof 16.5cm 6.5"	£33.00
745420	Mayo Chamf Blades Cof 19cm 7.5"	£42.50
745430	Mayo Chamf Blades Cof 21.5cm 8.5"	£52.50

METZENBAUM-STANDARD		
746100	Metzenbaum 'Lahey' Scissors Str 14.5cm 5.75"	£31.00
746101	Metzenbaum Scissors Str 15cm 6"	£31.00
746110	Metzenbaum Scissors Str 18cm 7"	£33.00
746110L	Metzenbaum Scissors Left Handed 18cm 7"	£35.00
746115	Metzenbaum Scissors Str 20cm 8"	£41.50
746120	Metzenbaum Scissors Str 21.5cm 8.5"	£44.00
746130	Metzenbaum Scissors Str 24cm 9.5"	£49.50
746200	Metzenbaum 'Lahey' Scissors Cof 14.5cm 5.75"	£37.50
746210	Metzenbaum 'McIndoe' Scissors Cof 18cm 7"	£42.50
746215	Metzenbaum Scissors Cof 19.5cm 8"	£47.50
746220	Metzenbaum Scissors Cof 21.5cm 8.5"	£52.50
746230	Metzenbaum Scissors Cof 24cm 9.5"	£57.50

Surgical Scissor - Supercut



One blade is sharpened to a tapered edge which greatly enhances the ability of the scissor to slice through tissues. The standard scissor has much more of a crushing action. Identified by having black handles.

SURGICAL SCISSORS -SUPERCUT		
760000	Mayo Scissors Supercut Str 14cm 5.5"	£37.50
760002	Mayo Scissors Supercut Cof 14cm 5.5"	£37.50
760008	Metzenbaum Scissors Supercut Str 14.5cm 5.75"	£42.50
760009	Metzenbaum Scissors Supercut Cof 14.5cm 5.75"	£42.50
760010	Metzenbaum Scissors Supercut Str 18cm 7"	£49.50
760012	Metzenbaum Scissors Supercut Cof 18cm 7"	£49.50

Surgical Scissors - Tungsten Carbide



Stay sharper, longer. Gold handles to distinguish from general surgical items. The cutting edge is constructed of Tungsten Carbide, a very hard material.

SURGICAL SCISSORS-TUNGSTEN CARBIDE		
752250	Mayo Clinical Hard Edge T.C. Str 15cm 6"	£67.50
752260	Mayo Clinical Hard Edge T.C. Str 18cm 7"	£67.50
752280	Mayo Clinical Hard Edge T.C. Cof 15cm 6"	£69.50
752290	Mayo Clinical Hard Edge T.C. Cof 18cm 7"	£69.50
754020	Metzenbaum Hard Edge T.C. Str 14.5cm 5.75"	£77.50
754030	Metzenbaum Hard Edge T.C. Str 18cm 7"	£77.50
754060	Metzenbaum Hard Edge T.C. Str 23cm 9.5"	£77.50
754080	Metzenbaum Hard Edge T.C. Cof 14.5cm 5.75"	£77.50
754090	Metzenbaum Hard Edge T.C. Cof 18cm 7"	£77.50
754120	Metzenbaum Hard Edge T.C. Cof 23cm 9.5"	£77.50
754095	Metzenbaum Hard Edge T.C. Cof 35cm 14"	£77.50

Surgical Scissor - Supercut TC



The Supercut TC is our best scissor having the special cutting characteristic of the Supercut style but with the long lasting Tungsten blades. Identified by one black and one gold handle

SURGICAL SCISSORS - SUPERCUT TC		
760000TC	Mayo T.C. Supercut Str 14cm 5.5"	£85.00
760002TC	Mayo T.C. Supercut Cof 14cm 5.5"	£85.00
760008TC	Metzenbaum T.C. Supercut Str 14.5cm 5.75"	£85.00
760009TC	Metzenbaum T.C. Supercut Cof 14.5cm 5.75"	£85.00
760010TC	Metzenbaum T.C. Supercut Str 18cm 7"	£92.50
760012TC	Metzenbaum T.C. Supercut Cof 18cm 7"	£92.50

Towel Clips

BACKHAUS		
841350	Backhaus 9cm 3.5"	£21.00
841355	Backhaus 10cm 4"	£23.00
841360	Backhaus 12.5cm 5"	£27.50

CROSS ACTION		
846550	Shardel Cross Action 9cm 3.5"	£13.50
171566	Jones Cross Action 9cm 3.5"	£11.50
841352	Atraumatic Towel Clamp 4.5"	£25.00

Tissue Forceps

Allis

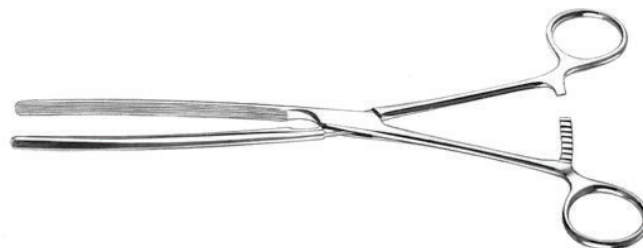
General purpose tissue forceps.



ALLIS		
801150	Allis 2/3 Teeth 15cm 6"	£33.50
801155	Allis 3/4 Teeth 15cm 6"	£33.50
801156	Allis 3/4 Teeth 18cm 7"	£33.50
801160	Allis 4/5 Teeth 15cm 6"	£33.50
801165	Allis 5/6 Teeth 15cm 6"	£33.50
801170	Allis 6/7 Teeth 15cm 6"	£33.50
801175	Baby Allis 4/5 Teeth 13cm 5"	£32.50

Abdominal Surgery

Doyen



DOYEN		
201950	Doyen Bowel Clamps Str 24cm 9.5"	£75.00
201955	Doyen Bowel Clamps Cof 24cm 9.5"	£80.00

Silicone Shoe for Doyen Bowel Clamps



NEW

Specifically created to fit VI Doyen Bowel Clamps (not included) making the Doyen more atraumatic.

Made of medical grade Silicone. Fully autoclavable - designed for single use. Available in Sets of 3 or 10 pairs.

Designed by David Strong our Product Development Manager.

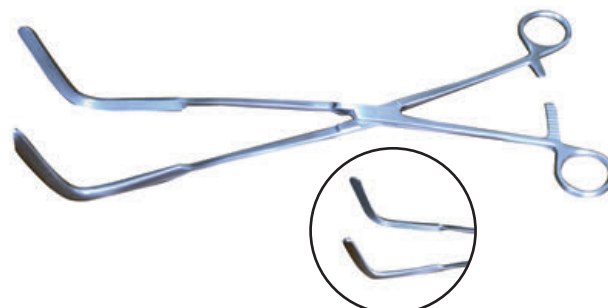
SILICONE SHOE FOR DOYEN BOWEL CLAMPS		
EXTR201950	Silicone Shoe for Doyen Bowel Clamps 3 Pairs	£10.00
EXTR201950/10	Silicone Shoe for Doyen Bowel Clamps 10 Pairs	£20.00

Resano Bowel Clamp



RESANO BOWEL CLAMP		
201956	Resano Bowel Clamp 25cm 10"	£85.00
201957	Resano Bowel Clamp 30cm 12"	£87.50
201958	Resano Bowel Clamp 35cm 14"	£90.00

Lloyd Davis Bowel Clamp



Similar to the Resano in style but with a greater angle on the tips.

LLOYD DAVIS BOWEL CLAMP		
201952	Lloyd Davis Bowel Clamp 25cm 10"	£85.00
201953	Lloyd Davis Bowel Clamp 30cm 12"	£87.50
201954	Lloyd Davis Bowel Clamp 35cm 14"	£90.00

Surgical Instruments - Large

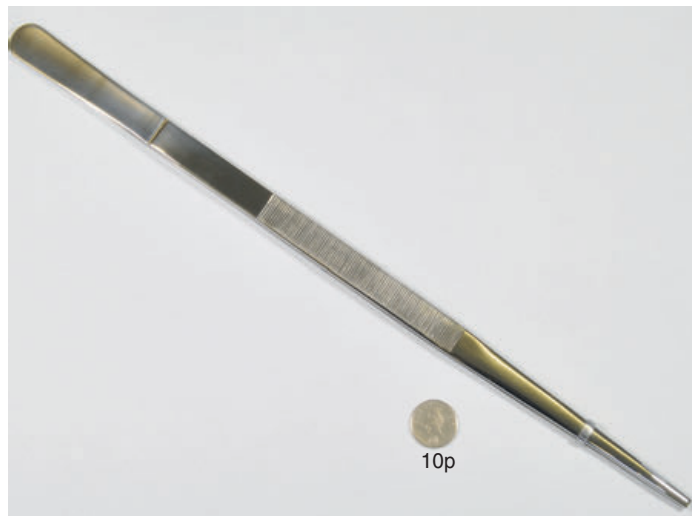
Veterinary Instrumentation can supply any pattern and size of surgical instrument. Please contact us with your specification.

Please note manufacture of bespoke instrumentation may take up to 8 weeks.

Kocher

KOCHER		
105524	Kocher Artery Forceps Str 23cm 9"	£35.00
105525	Kocher Artery Forceps Str 25cm 10"	£37.50
105526	Kocher Artery Forceps Str 30cm 12"	£40.00
105527	Kocher Artery Forceps Str 35cm 14"	£42.50
105528	Kocher Artery Forceps Cof 23cm 9"	£37.50
105529	Kocher Artery Forceps Cof 25cm 10"	£40.00
105530	Kocher Artery Forceps Cof 30cm 12"	£42.50
105531	Kocher Artery Forceps Cof 35cm 14"	£45.00

Dissecting Forceps 1/2 Teeth



DISSECTING FORCEPS 1/2 TEETH		
341300	Dissecting Forceps 1/2 Teeth 25cm 10"	£35.00
341301	Dissecting Forceps 1/2 Teeth 30cm 12"	£35.00
341302	Dissecting Forceps 1/2 Teeth 35cm 14"	£35.00
341303	Dissecting Forceps 1/2 Teeth 40cm 16"	£35.00
341304	Dissecting Forceps 1/2 Teeth 45cm 18"	£35.00
341305	Lanes Dissecting Forceps 2/3 Teeth 25cm 10"	£40.00
341306	Lanes Dissecting Forceps 2/3 Teeth 30cm 12"	£40.00
341307	Lanes Dissecting Forceps 2/3 Teeth 35cm 14"	£40.00

Treves Rat Tooth Forceps 1/2 teeth

TREVES RAT TOOTH DISSECTING FORCEPS 1/2 TEETH		
346800	Treves Forceps 1/2 Teeth 25cm 10"	£35.00
346801	Treves Forceps 1/2 Teeth 30cm 12"	£35.00
346802	Treves Forceps 1/2 Teeth 35cm 14"	£35.00
346803	Treves Forceps 1/2 Teeth 40cm 16"	£35.00

DeBakey Needleholders

Much lighter in construction than the Mayo Hegar. These needleholders are very useful for deep surgical procedures where there is limited space e.g. chest surgery.

DEBAKEY		
602015	DeBakey Needleholders T.C. Jaws 23cm 9"	£87.50
602020	DeBakey Needleholders T.C. Jaws 25cm 10"	£100.00
602025	DeBakey Needleholders T.C. Jaws 30cm 12"	£115.00
602030	DeBakey Needleholders T.C. Jaws 35cm 14"	£130.00

Surgical Scissors - Tungsten Carbide



Stay sharper, longer. Gold handles to distinguish from general surgical items. The cutting edge is constructed of Tungsten Carbide, a very hard material.

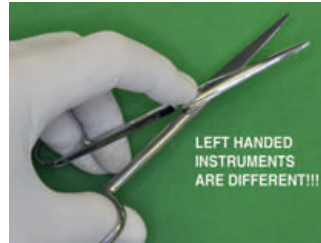
SURGICAL SCISSORS-TUNGSTEN CARBIDE		
745080	Metzenbaum Hard Edge T.C. Str 23cm 9"	£70.00
745081	Metzenbaum Hard Edge T.C. Str 25cm 10"	£70.00
745082	Metzenbaum Hard Edge T.C. Str 30cm 12"	£70.00
745083	Metzenbaum Hard Edge T.C. Str 35cm 14"	£70.00
754092	Metzenbaum Hard Edge T.C. Cof 23cm 9"	£70.00
754093	Metzenbaum Hard Edge T.C. Cof 25cm 10"	£70.00
754094	Metzenbaum Hard Edge T.C. Cof 30cm 12"	£70.00
754095	Metzenbaum Hard Edge T.C. Cof 35cm 14"	£70.00

Right Angled Clamp

RIGHT ANGLED CLAMP		
014052a	Right Angled Clamp 25cm 10"	£40.00
014052b	Right Angled Clamp 30cm 12"	£40.00
014052c	Right Angled Clamp 35cm 14"	£40.00
014052d	Right Angled Clamp w/o Ratchet 25cm 10"	£40.00
014052e	Right Angled Clamp w/o Ratchet 30cm 12"	£40.00
014052f	Right Angled Clamp w/o Ratchet 35cm 14"	£40.00

Left Handed Instruments

Veterinary Instrumentation offers a wide selection of left handed instruments, a selection of which is shown below. If the instrument you are looking for is not shown, please contact us and we will get it for you.



LEFT HANDED SCISSORS

745300L	Mayo Scissor Blunt/ Blunt Str 14cm 5.5"	£24.00
745400L	Mayo Scissor Blunt/ Blunt Cof 14cm 5.5"	£27.00
745310L	Mayo Scissor Blunt/ Blunt Str 16.5cm 6.5"	£27.00
745410L	Mayo Scissor Blunt/ Blunt Cof 16.5cm 6.5"	£32.00
746100L	Metzenbaum Scissor Blunt/ Blunt Str 14.5cm 5.75"	£30.00
746200L	Metzenbaum Scissor Blunt/ Blunt Cof 14.5cm 5.75"	£37.00
746110L	Metzenbaum Scissor Blunt/ Blunt Str 18cm 7"	£35.00
746115L	Metzenbaum Scissor Blunt/ Blunt Str 20cm 8"	£41.00
744800L	Lister Bandage Scissor 14cm 5.5"	£24.00
744810L	Lister Bandage Scissor 18 cm 7"	£25.50
744110L	Iris Scissor Round Str 11cm 4.25"	£19.00
744130L	Iris Scissor Round Cof 11cm 4.25"	£22.00

LEFT HANDED FORCEPS

103175L	Halsted-Mosquito Artery Forceps Str 12.5cm 5"	£24.50
103225L	Halsted-Mosquito Artery Forceps Cof 12.5cm 5"	£24.50
101750L	Crile Artery Forceps Str 14cm 5.5"	£25.00
101780L	Crile Artery Forceps Cof 14cm 5.5"	£27.00
106230L	Rochester Pean Artery Forceps Str 16cm 6.5"	£27.00
106275L	Rochester Pean Artery Forceps Cof 16cm 6.5"	£32.00
841350L	Backhaus Towel Forceps 9 cm 3.5"	£22.00

LEFT HANDED NEEDLEHOLDERS

604715L	Mayo-Hegar Needleholder 16.5cm 6.5"	£75.00
604720L	Mayo-Hegar Needleholder 18.5cm 7"	£80.00
585400L	Olsen-Hegar Needleholder 14cm 5.5"	£65.00
605355L	Olsen-Hegar Needleholder 16.5cm 6.5"	£85.00

Swann Morton Blades & Handles



Actual size

SWANN MORTON BLADES - Carbon Steel

0201	100 Blades individually packed Size 10	£12.50
0203	100 Blades individually packed Size 11	£12.50
0204	100 Blades individually packed Size 12	£12.50
0205	100 Blades individually packed Size 15	£12.50
0207	100 Blades individually packed Size 21	£12.50
0208	100 Blades individually packed Size 22	£12.50
0210	100 Blades individually packed Size 23	£12.50
0211	100 Blades individually packed Size 24	£12.50

SWANN MORTON SCALPEL BLADE REMOVER

240109	Scalpel Blade Remover Forceps	£16.50
5525	Scalpel Blade Remover Disposable (Box 10)	£11.50

Handles

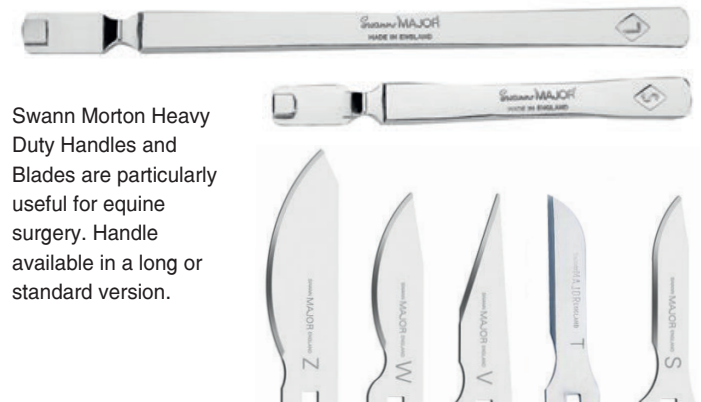
Veterinary Instrumentation's No.3 Scalpel Handle is a standard handle but has a centimetre/ millimetre scale along its length. In addition the back and edge are sharp enough to act as a periosteal elevator for stripping periosteum and muscle from bone.



SWANN MORTON HANDLES

0803VI	No 3 Handle with Scale and Periosteal Elevator Back	£3.75
0803	No 3 Handle	£4.75
0923	No B3 Handle	£14.00
0804	No 4 Handle	£4.75
0814	No 4 Long Handle	£6.50
0807	No 7 Handle	£4.75
0909	No 9 Handle	£4.75
02652	PM40 standard Handle	£4.75
0805	No 5(b) scalpel Handle	£11.50

Swann Morton 'Major' Heavy Duty Blades and Handles



Swann Morton Heavy Duty Handles and Blades are particularly useful for equine surgery. Handle available in a long or standard version.

SWANN MORTON 'MAJOR' HEAVY DUTY HANDLES AND BLADES

0640	Swann Morton 'MAJOR' Handle - Long	£5.50
0639	Swann Morton 'MAJOR' Handle - Short	£5.50
0721	100 Blades individually packed S	£11.50
0722	100 Blades individually packed T	£11.50
0724	100 Blades individually packed V	£11.50
0725	100 Blades individually packed W	£11.50
0728	100 Blades individually packed Z	£11.50

Tendon Splitter



20mm

TENDON SPLITTER

ESJ89	Swedish Pattern Tendon Splitter 20mm Blade	£85.00
ESJ89i	Tendon Splitter - Large 40mm Blade	£85.00

Tenotomy Knives



TENOTOMY KNIVES

ESJ88a	Parker's Tenotomy Knife Small Blunt Curved 15 x 3mm	£24.00
ESJ88bs	Tenotomy Knife Blunt Straight 50mm Blade	£24.00
ESJ88bc	Tenotomy Knife Blunt Curved 50mm Blade	£30.00
ESJ88sc	Tenotomy Knife Sharp Curved 50mm Blade	£33.00

Peritoneal Taps



Peritoneal Taps. Blunt tipped with 2 lateral holes. 2.5" (6.5cm)

PERITONEAL TAPS

ESJ277bs	Equine Abdominal Peritoneal Taps	£37.50
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Horsley's Trephine



Horsley's Trephine including handle. All are 12.5cm (5") long.

HORSLEY'S TREPHINE

ED0052a	Horsley's Trephine 13mm 0.5" OD	£130.00
ED0052b	Horsley's Trephine 19mm 0.75" OD	£135.00
ED0052c	Horsley's Trephine 25mm 1.0" OD	£150.00
ED0052f	Horsley's Trephine 45mm 2.0" OD	£220.00

Liston Bone and Tissue Nippers



Liston Bone and Tissue Nippers 15cm (6") long. 25mm blade. Available in straight, angled and curved.

LISTON BONE AND TISSUE NIPPERS

141700	Liston Straight 25mm Blade 15cm 6"	£90.00
141705	Liston Curved 25mm Blade 15cm 6"	£95.00
141710	Liston Angled 25mm Blade 15cm 6"	£100.00

Large Angled Cutters



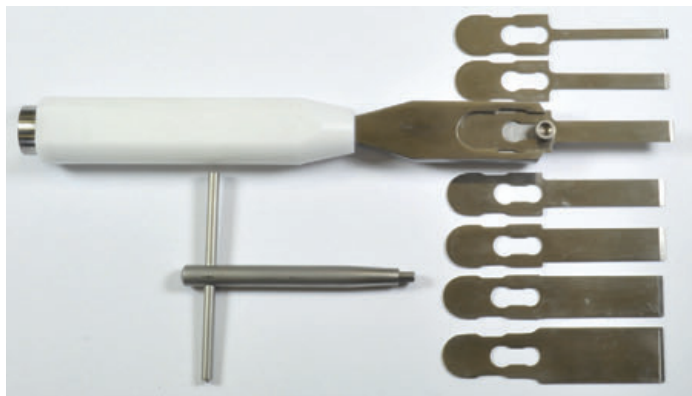
Large Angled Cutters - 19mm Blade. 23cm Long.

Styled on our versatile Small Angled Cutters, our Large Angled Cutters provide all of the usability of the smaller version, but in a more robust and powerful package.

LARGE ANGLED CUTTERS

001311	Large Angled Cutters 19mm Blade 23cm Long	£135.00
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Modular Osteotome with ultra-thin interchangeable Blades and Diamond Rasp



The Osteotome is supplied as a comfortable handle into which fits a large range of blades. The blades are very thin 1.1mm making them suitable for a variety of procedures including block sulcoplasty. The block including the articular cartilage may be harvested with minimal breakage of the block. Supplied as a handle plus the following blades 4mm, 6mm, 8mm, 10mm, 12mm, 15mm and 20mm. A new diamond-coated 6mm rasp has been added to the range.



MODULAR OSTEOTOME		
001380	Modular Osteotome complete with 7 Blades	£195.00
001382	Modular Osteotome replacement Blade 4mm	£24.00
001383	Modular Osteotome replacement Blade 6mm	£24.00
001384	Modular Osteotome replacement Blade 8mm	£24.00
001385	Modular Osteotome replacement Blade 10mm	£24.00
001386	Modular Osteotome replacement Blade 12mm	£24.00
001387	Modular Osteotome replacement Blade 15mm	£24.00
001388	Modular Osteotome replacement Blade 20mm	£24.00
001389	Modular Diamond Rasp 6mm	£47.50

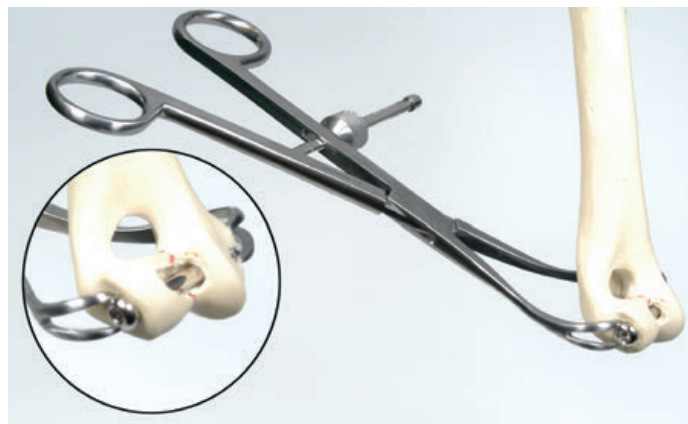
Very Large Fragment Forceps



For use in situations where a very wide 'gape' is required or where the bulk of the instrument must be well away from the jaw tips.

VERY LARGE FRAGMENT FORCEPS		
001202	Very Large Fragment Forceps 205mm	£85.00
001203	Very Large Fragment Forceps with Spinlock 215mm	£125.00

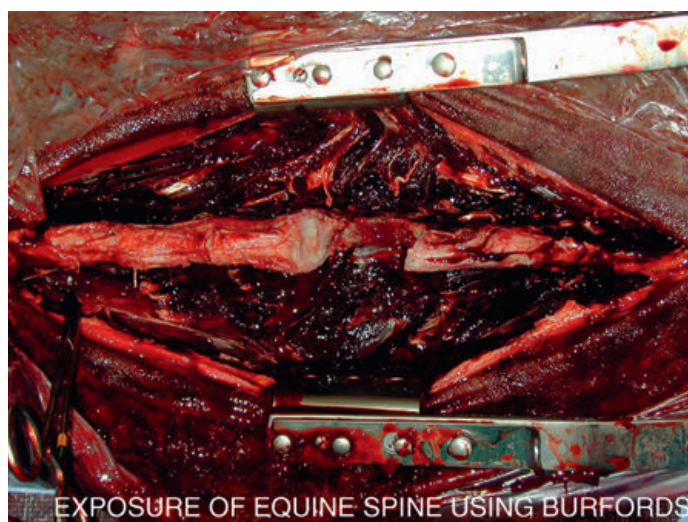
Large Twin Point Reduction Forceps with Spinlock



When using Pointed Reduction Forceps to reduce and compress fractures the position of the jaw tip is exactly where the pilot hole for the screw should be. Use of Twin Point Reduction Forceps allows the pilot to be drilled at exactly the correct position.

TWIN POINT REDUCTION FORCEPS WITH SPINLOCK		
001204	Twin Point Reduction Forceps with Spinlock 215mm	£145.00

Burford Rib Retractor



Heavy Duty Rib Retractor also useful during exposure of the spine. Supplied with a range of blades

BURFORD RIB RETRACTOR		
ES0040	Burford Rib Retractor	£245.00

Uterine Biopsy Punch



Uterine Biopsy Punch with pistol grip handle and locking nut. 68cm (27") long.

UTERINE BIOPSY PUNCH

ES0039a	Uterine Biopsy Punch 68cm Long	£245.00
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Cervix Forceps



Used in the trans-cervical transfer procedure. Stainless Steel 55cm 21.5" Long.

CERVIX FORCEPS

ES0038	Cervix Forceps 55cm Long	£245.00
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Vaginal Speculum



Available in both Standard and Polansky Pattern (shown with wing nuts in picture). Standard Pattern is nickel plated, whilst Polansky Pattern is Stainless Steel. Both styles available with 27cm and 35cm long blades. Standard Pattern also available with 10cm blades.

VAGINAL SPECULUM

ESVS27	Vaginal Speculum Standard 27cm Blades	£125.00
ESVS35	Vaginal Speculum Standard 35cm Blades	£125.00
ESVP27	Vaginal Speculum Polansky 27cm Blades	£125.00
ESVP35	Vaginal Speculum Polansky 35cm Blades	£125.00
ESVS10	Vaginal Speculum Standard 10cm Blades	£125.00

LED Tube Speculum



Set includes two different lengths

29mm x 450mm long

29mm x 300mm long

The LED Light Handle is supplied with a Storz fitting and may also be used to illuminate arthroscopes, laparoscopes and rhinoscopes. Adaptors are available for other light fittings.

LED Tube Speculum (LTS) for both rectal and vaginal examinations.

Designed so the lip at the mouth of the speculum includes fibre optics to allow direct illumination of the problem.

The Speculum may be connected to your existing endoscopic light source by means of a fibre optic cable (Storz or Wolf fitting). Alternatively an LED light handle may be attached making the LTS free of cabling.

LED TUBE SPECULUM

OES300	LED Tube Speculum 300mm (light not included)	£300.00
OES450	LED Tube Speculum 450mm (light not included)	£300.00
OESSETEQFO	LED Tube Speculum Set (light not included)	£550.00
OESLH	LED Light Source Handle	£775.00

Premium Instrument Boxes

Veterinary Instrumentation's range of Premium Instrument Boxes are made from lightweight anodised aluminium. Both lid and base are perforated but protected by replaceable paper filters which allow steam penetration but not micro-organisms.

Clip on lid seals are impervious to micro-organisms.



PREMIUM INSTRUMENT BOXES		
BX301410P	Box External 300mm x 140mm x 100mm Box Internal 275mm x 128mm x 80mm	£155.00
BX301470P	Box External 300mm x 140mm x 62mm Box Internal 275mm x 128mm x 52mm	£145.00
BX301440P	Box External 300mm x 140mm x 40mm Box Internal 275mm x 128mm x 25mm	£140.00
BXPFILTER	Replacement Paper Filters w Indicators x100	£14.50
BXPFIND	Paper Labels with Indicators x 100	£14.50
BXREUSE	Reuseable Filters 1,000 cycles	£29.50

Instrument Boxes



Stainless Steel in construction with a bacterial filter in the base. The filter allows steam to enter and water vapour to leave but excludes bacteria.

Available in a range of sizes to suit most instrument sets and autoclaves. Some sizes are available without filter. Replace filters annually.

INSTRUMENT BOXES		
BX201040	Box 200mm x 100mm x 40mm	£54.50
BX201040NF	Box 200mm x 100mm x 40mm No Filter	£49.50
BX221250	Box 220mm x 120mm x 50mm	£62.50
BX221250NF	Box 220mm x 120mm x 50mm No Filter	£59.50
BX221550	Box 220mm x 150mm x 50mm	£79.50
BX281450	Box 280mm x 140mm x 50mm	£79.50
BX281410NF	Box 280mm x 140mm x 100mm No Filter	£79.50
BX341650	Box 340mm x 165mm x 50mm	£89.50
BX341670	Box 340mm x 165mm x 70mm	£92.50
BX402070	Box 400mm x 200mm x 70mm	£105.00
FILBX	Filter (State Size Of Box)	£7.50

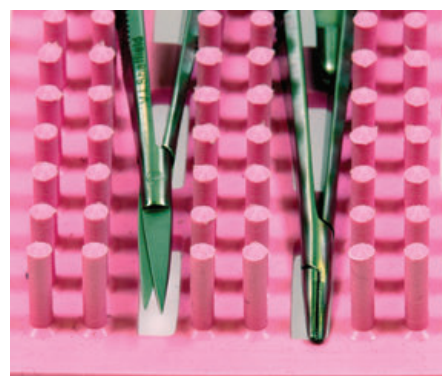
Holloware



HOLLOWARE		
KID6	6" Kidney Dish	£11.50
KID8	8" Kidney Dish	£12.50
KID10	10" Kidney Dish	£15.50
KID12	12" Kidney Dish	£18.00
LOTBWL4	4" Lotion Bowl	£12.50
LOTBWL6	6" Lotion Bowl	£16.50
LOTBWL8	8" Lotion Bowl	£23.00
LOTBWL10	10" Lotion Bowl	£28.50

Fingered Silicone Insert

Autoclavable Silicone Insert fits the base of the stainless box to prevent instruments contacting and damaging each other. There is an insert to fit each of our standard boxes.



Insert shown in use with castroviejo scissors (not included)

FINGERED SILICONE INSERT		
BXSIL2010	Silicone Insert for Box 200 x 100mm	£26.00
BXSIL2540	Silicone Insert for Box 250 x 150mm	£32.00
BXSIL2212	Silicone Insert for Box 220 x 120mm	£32.00
BXSIL2215	Silicone Insert for Box 220 x 150mm	£32.00
BXSIL2814	Silicone Insert for Box 280 x 140mm	£32.00
BXSIL3416	Silicone Insert for Box 340 x 160mm	£37.50
BXSIL4020	Silicone Insert for Box 400 x 200mm	£37.50
	Other sizes available	POA

Sterile Surgical Skin Marker



Supplied in a sterile peel pouch the surgical marker allows the surgeon to demarcate selected sites prior to or during surgery. The marker is scrub resistant, non toxic and highly visible. Especially useful around the eyes and ears where accurate reconstruction is vital. Also useful for large skin reconstruction procedures.

STERILE SURGICAL SKIN MARKER		
001487	Surgical Skin Marker Single	£3.25
001488	Surgical Skin Marker Single 6 Pack	£14.50

Colostrumeter

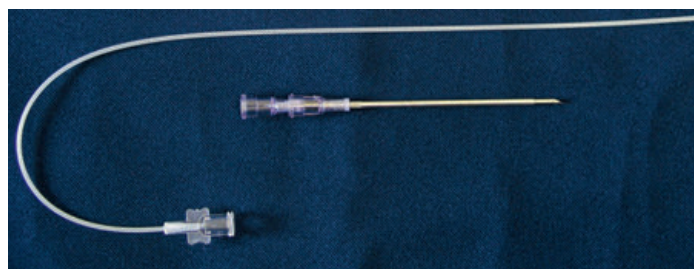


Many tests are available to equine practitioners for evaluating the newborn foal's IgG serum level, but this is the only practical and economical test available for evaluating the mare's colostrum. The JorVet Equine Colostrumeter utilizes only a small 15ml sample of the mare's colostrum by comparing the specific gravity to distilled water in a plexiglass hydrometer. From the specific gravity obtained, a determination can be made whether or not the foal will be receiving colostrum with adequate IgG concentration. Another benefit is if the colostrum specific gravity is fairly high, up to 250cc can be frozen for a colostrum bank.

EQUINE COLOSTRUMETER

ESJ281	Equine Colostrumeter	£75.00
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Equine Tracheal Wash Kit



Transtracheal wash is a very useful diagnostic tool in the treatment of lower respiratory disease in horses. The JorVet Tracheal Wash Kit provides a convenient and easy method to obtain high quality diagnostic samples. The procedure is simple to perform under light sedation with a small local block over the lower third of the neck. Sterile.

- 15g cannula and 16g needle
- Catheter 22" Long

EQUINE TRACHEAL WASH KIT

ESJ283WASH	Equine Tracheal Wash Kit	£12.50
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Uterine Flushing Catheter



Large silicone catheter with large Foley inflatable balloon.

- Embryo transfer/collection
- Lateral eyes on open ended tip
- Inflatable balloon allows fluid retention in uterus when the catheter is passed beyond the cervix.
- Diameter: 33fr (8mm i.d. x 11mm o.d.)
- Includes two different adaptors
- Reducing Connector to attach tubing
- Barbed Connector with standard luer fitting.

EQUINE UTERINE FLUSHING CATHETER

ESJ282	Flushing Catheter 65cm Long	£42.50
ESJ283	Flushing Catheter 135cm Long	£50.00

Broncho-Alveolar Lavage Catheter



This catheter is designed to perform lavage on the equine lung. The BAL catheter can also be used for cytology or culturing the airways. The catheter is inserted nasally. The cuff inflated when in position.

Please note a 3-way stop cock (not included) is required for administration and aspiration of fluid.

- The stiffness of the catheter makes for ease of passage
- 30fr (10mm) x 240cm Long
- 10cc cuff

BAL CATHETER

ESJ284	BAL Catheter	£45.00
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Extended Use Catheter



Most traditional jugular catheters are teflon. They can create a thrombosis and crack if left in place for over 48 hours. The development of new materials allows large-bore catheters that can safely be left in-dwelling for up to 10 days. The JorVet Extended Use Catheter softens at body temperature. Many of the common catheter-related problems, such as phlebitis, can be minimised with these catheters.

- 14g and 16g polyurethane catheter over needle
- Non-thrombogenic and non-cracking
- Can be safely left in the vein for up to 10 days
- Suture wings with holes or suture groove attachment

EXTENDED USE CATHETER

EQCC14	Extended Use Catheter Complete 14g x 5.25"	£12.00
EQCC16	Extended Use Catheter Complete 16g x 5.25"	£12.00
EQCF14	Extended Use Catheter - Foal 14g x 3.0"	£12.00
EQCF16	Extended Use Catheter - Foal 16g x 3.0"	£12.00

J-Lube and J-Jelly



This range of lubricants will cover most situations.

J-Lube is a concentrated powder that dissolves easily in water and is a very effective obstetrical lubricant. Makes 25-30 litres of lubricant. 240ml (8oz) bottle.

J-Jelly is an ideal all round lubricant for rectal and obstetrical procedures. Contains methylcellulose. 240 ml (8 fl oz) bottle.

J-LUBE AND J-JELLY

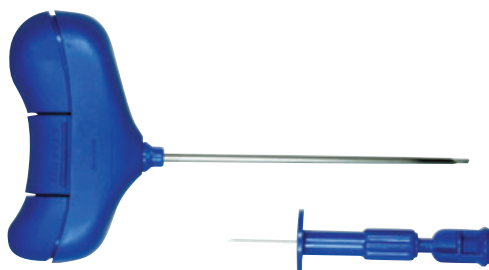
J-109	J-Lube	£9.50
J-109f	J-Jelly	£5.00

Biopsy Needles - Bone

Bone Marrow Biopsy - Jamshidi Type

In the Jamshidi type needle the integral stylet locks into the lumen of the needle preventing obstruction by debris. When the needle tip is in the desired location the stylet is removed and the sample aspirated.

The 11 gauge needle with the stylet removed may be used to take a 1.5mm approx. core of bone from tumours for typing (see also bone trephines).



This item may be re-used providing it is re-sterilised by either ETO or cold sterilisation. These are the original Baxter Jamshidi needles.

BONE MARROW BIOPSY JAMSHIDI (DISP) BAXTER		
DJ4011	Bone Marrow Biopsy Jamshidi 11g (Disp) Baxter Illinois	£47.50
DJ4008	Bone Marrow Biopsy Jamshidi 8g (Disp) Baxter Illinois	£47.50

Biopsy Needles - Soft Tissue

Tru-Cut Style



Used to sample liver, kidney and other soft tissues with minimal trauma. Takes just a small sliver of tissue. Disposable but will withstand boiling. Needle is "locked" and when released spring loaded cutting needle takes the biopsy.

TRU-CUT STYLE SOFT TISSUE BIOPSY		
STB18	VI Tru-Cut Type Supercore Biopsy Needle 14g x 90mm	£37.50
STB18B	VI Tru-Cut Type Supercore Biopsy Needle 18g x 90mm	£37.50
012521	Tru-Cut Soft Tissue Biopsy Needle Fully Manual 14g x 115mm	£27.50

Temno Evolution Biopsy Needle

The standard soft tissue biopsy needle used by the NHS.

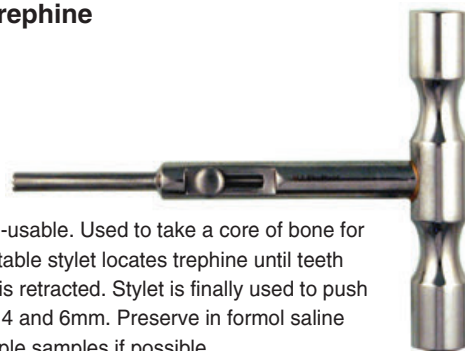
2 different sample sizes can be selected when pulling the plunger. One click equals a 10mm notch exposure, two clicks 20mm.

Expensive but best in class.



TEMNO EVOLUTION BIOPSY NEEDLE		
TEM1420/1	Temno Evolution Biopsy Needle 14g x 20cm Single	£55.00
TEM1420/5	Temno Evolution Biopsy Needle 14g x 20cm 5 Pack	£245.00

Cortical Bone Trephine



Stainless Steel and re-usable. Used to take a core of bone for tumour typing. Retractable stylet locates trephine until teeth begin to cut and then is retracted. Stylet is finally used to push out core. Core size 3, 4 and 6mm. Preserve in formal saline for the lab. Take multiple samples if possible.

CORTICAL BONE TREPHINE		
001427	Bone Biopsy Trephine 5mm o/d 3mm core	£85.00
001425	Bone Biopsy Trephine 8mm o/d 6mm core	£85.00
001426	Bone Biopsy Trephine 6mm o/d 4mm core	£85.00

Disposable Skin Biopsy Punch



Disposable Skin Biopsy Punch with razor sharp stainless steel blade. Light weight, ribbed plastic handle for control and comfort. 4, 6 and 8mm diameters available. Supplied sterile.

DISPOSABLE SKIN BIOPSY PUNCH		
SBP4	Skin Biopsy Punch 4mm Diameter Head	£3.50
SBP6	Skin Biopsy Punch 6mm Diameter Head	£3.50
SBP8	Skin Biopsy Punch 8mm Diameter Head	£3.50
SBPSET	Set of 4, 6, 8mm Skin Biopsy Punch	£7.50

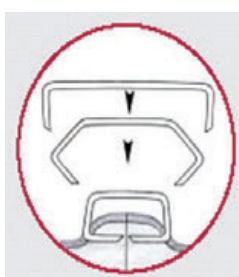
Spinal Needles



SPINAL NEEDLES		
405248	18g x 3.5" Spinal Needles (Disp) Box of 25	£64.50
405247	18g x 3" Spinal Needles (Disp) Box of 25	£105.00

Skin Staplers

Aesculap Manipler Disposable Skin Stapler



Lightweight Design
High Quality Construction
Consistent reliable performance
Slim Grip Design
Unique Angled Head

Allows the surgeon to see the incision as well as closing it
Flexible Placement Angle
Allows choice of staple depth
Economical
36 Staples

MANIPLER SKIN STAPLER		
783100	Manipler Skin Stapler	£11.50
783101	Manipler Skin Stapler 12 Units for the price of 10	£105.00

Taps

A Tap is essentially a cutting tool designed to pre-cut screw threads into the pilot hole prior to screw placement. The profile is similar to the screw in question but has long flutes to allow bone debris to be cleared. Taps are available as stand alone 'T' Bar configuration or as a Quick Release version which require a separate handle. 2.4, 2.7, 3.5, 4.0, 4.5 and 6.5mm Quick Release Taps require Synthes Type Quick Release Handle.



TAP HANDLE

QRCS01	Handle for 2.4, 2.7, 3.5, 4.0, 4.5 Taps Synthes Fit	£145.00
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Teflon Tap Handle with Rotating Cap

The working tip of this instrument is a quick release chuck of the Synthes type which accepts drills, taps and screwdriver attachments. Inclusion of this handle would mean that you would not require separate tap handles and screwdriver. The rotating cap which sits in the palm allows the tip to be spun with the fingers.



QUICK RELEASE TAP HANDLE - TEFLON HANDLE

QRCS01F	Quick Release Tap Handle	£145.00
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QUICK RELEASE TAPS

TS00045	4.5mm Tap	£57.50
TS00045/L	4.5mm Tap Extra long (195mm)	£57.50
TS00055	5.5mm Tap	£57.50
TS00065	6.5mm Tap	£57.50

'T' Bar Taps



These taps require no additional handle.

'T' BAR TAPS

TBT045	'T' Bar Tap 4.5mm Cortical	£62.50
TBT065	'T' Bar Tap 6.5mm Cancellous	£62.50

Combination Drill, Tap and Insert Sleeve

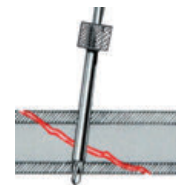
The large end has an internal diameter which matches the clearance drill and tap. The small end has an internal diameter the same as the pilot drill and an external diameter which fits the clearance drill hole, ie. the same as an insert sleeve. This single instrument contains all the guides and sleeves you need to place a lag screw.

COMBINATION DRILL, TAP & INSERT SLEEVE

CDTIS45	Combination drill, Tap & Insert Sleeve for 4.5mm Screws	£110.00
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Insert Sleeves

Drill sleeves centre smaller drills in the placement of lag screws.



INSERT SLEEVES

SL4532	Insert Sleeve 4.5mm o/d 3.2mm i/d	£41.50
SL5540	Insert Sleeve 5.5mm o/d 4.0mm i/d	£41.50
SL6545	Insert Sleeve 6.5mm o/d 4.5mm i/d	£41.50

Adjustable Drill Guide



Our adjustable Drill Guide allows accurate placement of drill holes by predetermination of drill entry and exit points. Locks onto bone to minimise errors.

- The swivelling point allows use of the guide where access is limited.
- A scale on the instrument measures hole depth

In our view this design has significant advantages over 'CEG' and 'C' guides.

DRILL GUIDES & INSERTS

ADJDG45	Adjustable Drill Guide for 4.5mm Drills	£185.00
ADJSL55	Slider to fit 5.5mm Cortical Screws fits ADJDG45	£60.00

Drill Guides and Inserts



Use of an appropriate sized drill guide enables the surgeon to control exactly the entry and exit points of drills. This ability is extremely important in lag screwing.

Various insert sleeves are available for each drill size, with an accurate guidance system, and provide exact positioning of holes for lag screwing.

LARGE DRILL GUIDE (does not include insert sleeves)

CEG4565	Large Drill Guide i/d 6.5mm 'C' Guide	£95.00
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Drill Stops

Drilling to a pre-measured depth can be a challenge even with a 'C' arm! A more reasonably priced option is to use a Drill Stop which is tightened onto the drill bit at the required depth.

The Set includes 4 Stops to cover all the standard drill sizes.



2.0, 2.5, 2.7, 3.2, 3.5 & 4.5mm

The Stop is tightened onto the drill bit using the Hex Driver provided.

DRILL STOPS

DRILLSTOP	Drill Stop Set in Stainless Steel Case	£105.00
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Hex Screwdrivers & Screwholding Sleeves

Screwdrivers with Screw Holding Sleeves hold the screw until it has engaged in the threaded hole. The Sleeve is slid back up the shaft to release the screw without disengaging it.

Screwdrivers for 2.7, 3.5 & 4.0 Screws



SDH35S



HEX SCREWDRIVERS & SCREW HOLDING SLEEVES 2.7/3.5 & 4.0 Screws		
SDHS35F	2.5mm Hex Screwdriver + Sleeve with Teflon Handle	£85.00
SDH35S	Screwdriver Attachment Quick Fit 2.7/3.5/4.0 Screws	£49.50

Screwdrivers for 4.5, 5.5 & 6.5mm Screws



HEX SCREWDRIVERS 4.5, 5.5 & 6.5 Screws		
SDH3500	3.5mm Hex Screwdriver for 4.5, 5.5 & 6.5mm Screws	£85.00

Hex Drive Shaft



The battery drills we use as a base for our shrouded orthopaedic drills have adjustable torque settings. While it is advised that the final tightening of the screw is performed by hand, much time and effort can be saved by power driving. To power drive using our drill we have created two hex driver extensions to fit into a standard Jacobs chuck. Use 2.5 hex for 2.7, 3.5 and 4.0mm screws and the 3.5 hex for 4.5 and 5.5 screws.

HEX DRIVE SHAFTS FOR POWER DRIVERS		
DS25HEX	2.5 Hex Drive Shaft for 2.7, 3.5 & 4.0 Screws	£45.00
DS35HEX	3.5 Hex Drive Shaft for 4.5 & 5.5 Screws	£45.00

Tissue Protection Sleeves

Rotating pins, drills and taps will "pick up" soft tissues, skin, muscle, nerve and blood vessels, causing serious damage. Use of tissue protection sleeves minimises such damage. The teeth at the top of the guide locate on the bone whilst the stainless tube provides a barrier between soft tissue and implant equipment.



TISSUE PROTECTION SLEEVES		
TP0027	For Drill/ Taps to 2.7mm	£59.50
TP0035	For Drill/ Taps to 3.5mm	£59.50
TP0045	For Drill/ Taps to 4.5mm	£59.50

Countersinks



If the screw is destined to screw down onto the surface of the bone without a plate, it is helpful to contour the top of the screw hole to fit the screw head. This procedure is especially important when lag screwing relatively small fragments. Failure to countersink may lead to fracture of the bone fragment.

COUNTERSINKS		
COU2535	Small Countersink AO Quick Fit Coupling up to 4mm	£55.00
COU2535T	Small Countersink 'T' Handle up to 4mm	£55.00
COU4565	Large Countersink AO Quick Fit Coupling 4.5mm +	£55.00
COU4565T	Large Countersink 'T' Handle 4.5mm +	£55.00

Depth Gauge



Accurate measurement of hole depth is essential in order to select the appropriate screw size. A range of gauges is available for various screw sizes. Hole depth is read from the instrument. Add extra to allow for over penetration. Use in self-tapping or cortical systems.

DEPTH GAUGE		
DG2735	For 2.7mm & 3.5mm screws	£105.00
DG4565	For 4.5mm & 6.5mm screws	£205.00

Load Neutral Drill Guides



To exert compression at the fracture site, the cortical screw must be positioned precisely within the slot in the compression plate. The load/neutral drill guide has two tips, one for compression (load) and one where no compression is exerted (neutral). There is one combination for each screw/plate size. Each guide is marked with the drill size to be used.

LOAD NEUTRAL DRILL GUIDES		
LNDG27	Load Neutral Drill Guide For 2.7mm DCP	£140.00
LNDG35	Load Neutral Drill Guide For 3.5mm DCP	£140.00
LNDG45	Load Neutral Drill Guide For 4.5mm DCP	£140.00

Screw Holding Forceps



A useful instrument for selecting screws with minimal handling. Can be used with any style of screw.

SCREW HOLDING FORCEPS

SF2055	Screw Holding Forceps	£22.50
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Plate Bending

PLATE BENDING

001287	AO Type 2.7/3.5 Bending Levers (pair) 140mm	£65.00
001288	AO Type 3.5/4.5 Broad Bending Levers (pair) 200mm	£75.00
001288L	AO Type 3.5/4.5 Broad Bending Irons Long Version	£85.00
001283	Plate Bending Pliers Roller Type 380mm	£195.00
001284A	Reconstruction Plate Pliers 2.7mm Plates	£175.00
001284	Reconstruction Plate Pliers 3.5mm Plates	£175.00
001281	Bone Plate Press Small 285mm	£475.00
001282	Bone Plate Press Large 410mm	£475.00
001289B	AO Style 2.7/3.5mm Plate Bending Pliers	£385.00
001289C	AO Style Heavy Duty Plate Bending Pliers	£545.00

Bending Templates

To avoid repeated entry into the operation site when contouring plates, an 'aluminium' bending template is contoured to the bone. The steel plate is then bent to match the template using irons or a bone plate press.

BENDING TEMPLATES

BT270760	Bending Template 60mm for 2.7 DCPs & Round Hole Plates	£8.25
BT350786	Bending Template 86mm for 3.5 DCPs & Round Hole Plates	£9.25
BT4507120	Bending Template 120mm for 4.5 DCPs & Broad 3.5 DCPs & HD & Round Hole Plates	£9.25
BT450590	Bending Template 90mm for 4.5 DCPs Broad 3.5 DCPs & HD & Round Hole Plates	£9.25
BT4509150	Bending Template 150mm for 4.5 DCPs Broad 3.5 DCPs & HD & Round Hole Plates	£9.25

Plate Bending Pliers - Roller Type



001283 Roller Type Plate Bending Pliers



PLATE BENDING PLIERS - ROLLER TYPE

001283	Plate Bending Pliers, Roller Type 15" 380mm Suitable for 3.5 and 4.5mm Plates	£195.00
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Bone Plate Press



001282

Bone plates suitable for 3.5mm and 4.5mm screws are extremely difficult to contour in a controlled manner. Most human orthopaedic presses, if large enough to contour the plate, are too large to fit in the typical veterinary surgeon's autoclave.

The large press will contour all plates but is 410mm long so check your autoclave before purchase.

BONE PLATE PRESS

001282	Bone Plate Press Large 16" 410mm For all Plates	£475.00
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Heavy Duty Bone Plate Pliers to 4.5mm

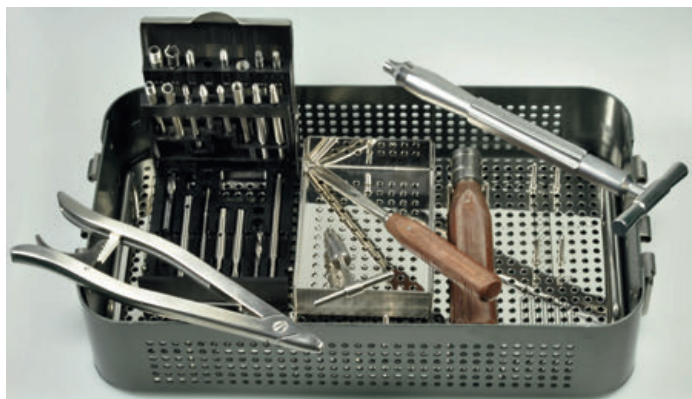


The largest bone plate pliers in the range, these will contour all plates other than the 4.5 broad. The bending head has 2 interchangeable anvils and the 'hammer' side has 3 different shapes which rotate. This offers the surgeon 6 different contouring options to match different plates and different shapes.

HEAVY DUTY PLATE BENDING PLIERS

001289C	Heavy Duty Plate Bending Pliers	£545.00
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Screw Salvage Kit



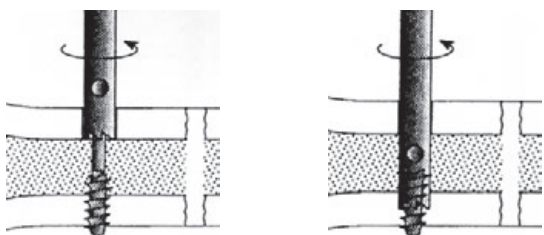
Removal of embedded screws can be a challenge particularly when fatigue and fracture leaves a headless portion of screw in situ exactly where a replacement is necessary. Ideally the screw should be removed without creating so much damage that a replacement cannot be set. The VI screw salvage set contains all the tools you might need for all sizes of screw. A loan set is also available. The charge is for 7 days rental and includes a return collection by courier. All losses and breakages will be charged accordingly. Mainland UK only.

SCREW SALVAGE		
SCSKIT	Full Screw Salvage Set	£1,950.00
SCSKITLOAN	Full Screw Salvage Set - Loan	£135.00

Screw Extraction Trepine

Once the head of a screw has become detached the shaft can be very difficult to extract, particularly when the screw has been in situ for some time. The screw extraction trephine is designed to 'core out' the screw shaft either in its entirety or partially to allow the screw to be grasped by extraction forceps. The internal diameter is a little larger than the screw to be extracted. The external diameter is small enough in most cases to allow the replacement of the screw by a larger one.

The trephine fits directly into a Jacobs chuck.



SCREW EXTRACTION TREPHINES		
SCET35	Extraction Trepine for 3.5 Screws o/d 4.5mm	£47.50
SCET45	Extraction Trepine for 4.5 Screws o/d 5.5mm	£47.50

Screw Box 145mm x 105mm x 55mm deep for AO Type Screws



This screw box has a hinged lid with a stainless perforated insert. The maximum screw length is 55mm but the marking of the holes is indicated.

SCREW BOX		
SH4500CS	Box for 4.5 Screws marked 14mm - 36mm	£135.00

Screw Box 310mm x 140mm x 115mm deep



Large multi-size screwbox with a clip on lid. Insert may be lifted out with integral handles the base being used for instrument storage.

SCREW BOX LARGE		
SH455565CS	Box for 4.5/5.5/6.5 Screws max length 105mm	£185.00

25mm Clamp On X-Ray Calibration Ball



Taking radiographs where the area of interest is not close to the plate creates some challenges in scaling. The Calibration Ball is 25mm and is attached to a clamp which can be attached onto the cassette holder allowing the ball to be placed at the same level above the plate as the area of interest being radiographed providing accurate scaling for x-ray magnification. Using a spherical object as a reference eliminates errors created by ruler type reference which might not be quite parallel with the plate.

25mm CLAMP ON X-RAY CALIBRATION BALL		
XRAY25MME	25mm Clamp On X-Ray Calibration Ball	£72.50

AO Cortical and Cortical Self Tapping Kits



Savings may be made by purchasing pre-assembled kits. The price is typically discounted by 5% less than the component price.

The description cortical means that the pilot hole must be pre-tapped prior to screw placement. Cortical Self Tapping means that the screw itself has a self tapping tip and cuts its own thread. Self tappers work very well in all but the hardest cortical bone. It is recommended that surgeons using self tappers keep a tap 'just in case'.

Each Kit contains all you need including screws and implants.

Full details of what the Kit includes is available at www.vetinst.com/kits.

Examples of the Self Tapping kits are shown below:

4.5mm Cortical Kit (CORTKIT4.5)

DCP 4 – 10 Hole (5 in total)
 4.5 CS Screws 16mm – 40mm (55 in total)
 Hex Screwdriver
 Orthopaedic Ruler
 Handle for Tap
 Bending Templates
 Cortical Tap Synthes Fit
 2 x Drills
 Load/ Neutral Drill Guide
 Tissue Protector
 Large Countersink
 Depth Gauge
 Stainless Steel Equipment/ Screw Box

4.5mm Cortical Self Tapping Kit (CORTSTKIT4.5)

DCP 4 – 10 Hole (6 in total)
 4.5 CSST Screws 16mm – 40mm (55 in total)
 Hex Screwdriver
 2 x Drills
 Bending Templates
 Load/ Neutral Drill Guide
 Tissue Protector
 Large Countersink
 Depth Gauge
 Orthopaedic Ruler
 Stainless Steel Equipment/ Screw Box

4.5/5.5 Cortical Kit (CORTKIT4.5/5.5)

DCP 4 – 10 Hole (5 in total)
 4.5 CS Screws 16mm – 40mm (55 in total)
 5.5 CS Screws 36mm – 60mm (48 in total)
 2 x Cortical Tap
 Tissue Protector
 4 x Drills
 Large Countersink
 2 x Load/ Neutral Drill Guide
 Depth Gauge
 Hex Screwdriver
 Orthopaedic Ruler
 Handle for Tap
 Bending Template
 Stainless Steel Equipment/ Screw Box

AO CORTICAL & CORTICAL SELF TAPPING PLATING KITS

CORTKIT4.5	4.5mm Cortical Kit in Stainless Box	£1,400.00
CORTSTKIT4.5	4.5mm Cortical Self Tapping Kit in Stainless Box	£1,250.00
CORTKIT4.5/5.5	4.5/5.5mm Cortical Kit in Stainless Box	£2,575.00

Venables Plates

Now an outdated human plate but ideal for rib fractures in foals.

Low profile plate that can be contoured.

They will accept either 2.7mm Sherman Type Screws or 2.7mm Cortical or Cortical Self Tapping Screws.

VENABLES BONE PLATES				
090180	8 (number of holes)	5 (length in)	127 (length mm)	£40.00
090181	7	4.5	114	£40.00
090182	6	4.5	114	£40.00
090183	6	4.0	102	£40.00
090184	5	4.0	102	£35.00
090185	5	3.5	89	£35.00
090186	4	3.5	89	£35.00
090187	4	3.0	76	£30.00
090188	4	2.5	64	£30.00
090189	4	1.75	45	£30.00
090190	4	1.5	38	£30.00
090191	4	1.25	32	£30.00

VI Pastern Arthrodesis Plate



The intention of the VI Pastern Arthrodesis Plate project is to create an implant truly optimised for Pastern Arthrodesis.

The aim is to create the best possible compression and stability across the joint.

For further information please call 0845 130 9596 or email info@vetinst.com

Designed by Vets for Vets

www.vetinst.com

Cutttable and Cuttable, Malleable (reconstruction) Plates

Veterinary Instrumentation now offers a comprehensive range of Cuttable Plates. They are available either as a standard strip of round holes or as a version with notches between the holes for easy contouring. These are described as Cuttable Malleable or Cuttable Reconstruction Plates.

Cutttable Plates



CUTTTABLE PLATE RANGE

CP276150	2.7mm Cuttable Plate 25 Holes 150mm	£90.00
CP3575150	3.5mm Cuttable Plate 20 Holes 150mm	£90.00

Cutttable Plates with Spaces



CUTTTABLE WITH SPACES

CP27615022	2.7mm Cuttable Plate with spaces 22 Holes 150mm	£95.00
CP357515018	3.5mm Cuttable Plate with spaces 18 Holes 150mm	£95.00

Cutttable Broad Plates



CUTTTABLE BROAD

CP276150B	2.7mm Cuttable Broad Plate 25 Holes 150mm	£95.00
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Cutttable Broad Plates with Spaces



CUTTTABLE BROAD WITH SPACES

CP27615022B	2.7mm Cuttable Broad Plate with spaces 22 Holes 150mm	£100.00
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Cutttable Malleable Plates



CUTTTABLE MALLEABLE PLATES

CM276150	2.7mm Cuttable Malleable Plate 25 holes 150mm	£115.00
CM3575150	3.5mm Cuttable Malleable Plate 20 holes 150mm	£115.00

Double Compression Cuttable Plates



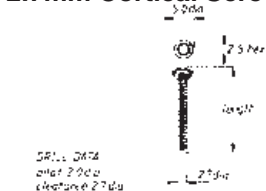
A new unique plate design developed by Veterinary Instrumentation. The Double Compression Cuttable Plate allows compression no matter where the Plate is cut.

DOUBLE COMPRESSION CUTTABLE PLATES

DCCP278150	2.7 Double Compression Cuttable Plate 19 holes 150mm	£105.00
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2.7mm Screws & Plates

2.7mm Cortical Screws



Use with 2.7mm compression and 2.7mm reconstruction plates to obtain compression at fracture site.

2.7mm CORTICAL SCREWS - HEX HEAD 2.5mm (use 2mm pilot)

CS2706	6mm		£3.50
CS2707	7mm	NEW	£3.50
CS2708	8mm		£3.50
CS2709	9mm	NEW	£3.50
CS2710	10mm		£4.00
CS2711	11mm	NEW	£4.00
CS2712	12mm		£4.00
CS2713	13mm	NEW	£4.00
CS2714	14mm		£5.00
CS2716	16mm		£5.00
CS2718	18mm		£5.00
CS2720	20mm		£5.50
CS2722	22mm		£5.50
CS2724	24mm		£5.50
CS2726	26mm		£6.00
CS2728	28mm		£6.00
CS2730	30mm		£6.75
CS2732	32mm		£6.75
CS2734	34mm		£7.50
CS2736	36mm		£7.50
CS2738	38mm		£8.25
CS2740	40mm		£8.25

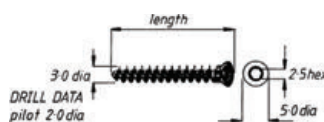
2.7mm Cortical Self Tapping Screws

This type of screw is becoming increasingly popular in both human and veterinary orthopaedics. Self tapping flutes at the tip obviate the need for pre-tapping which saves time and reduces time related complications. Pull out strength is not affected.

2.7mm CORTICAL SELF TAPPING SCREWS - HEX HEAD 2.5mm (use 2mm pilot)

CSST2706	6mm		£3.75
CSST2707	7mm	NEW	£3.75
CSST2708	8mm		£3.75
CSST2709	9mm	NEW	£3.75
CSST2710	10mm		£4.25
CSST2711	11mm	NEW	£4.25
CSST2712	12mm		£4.25
CSST2713	13mm	NEW	£4.25
CSST2714	14mm		£5.25
CSST2716	16mm		£5.25
CSST2718	18mm		£5.25
CSST2720	20mm		£6.00
CSST2722	22mm		£6.00
CSST2724	24mm		£6.00
CSST2726	26mm		£6.75
CSST2728	28mm		£6.75
CSST2730	30mm		£7.25
CSST2732	32mm		£7.25
CSST2734	34mm		£8.00
CSST2736	36mm		£8.00
CSST2738	38mm		£8.25
CSST2740	40mm		£8.25

3.0mm Cancellous Screws

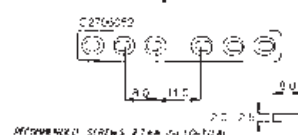


Available from 12mm to 36mm length. Self tapping. Do not use in cortical bone unless using as a salvage screw for a stripped 2.7mm cortical screw.

3.0mm CANCELLOUS FULL THREAD SELF TAPPING SCREWS - HEX HEAD 2.5mm (use 2mm pilot)

CAN3012	12mm	£5.25
CAN3014	14mm	£5.25
CAN3016	16mm	£5.25
CAN3018	18mm	£6.00
CAN3020	20mm	£6.00
CAN3022	22mm	£6.00
CAN3024	24mm	£6.00
CAN3026	26mm	£6.50
CAN3028	28mm	£6.50
CAN3030	30mm	£7.00
CAN3032	32mm	£7.00
CAN3034	34mm	£7.00
CAN3036	36mm	£7.00

2.7mm Compression Plates



Use with 2.7mm cortical screws to produce fracture site compression.

2.7mm COMPRESSION PLATES

	no. of holes	thickness (mm)	length (mm)	
C2702020	2	2.0	20	£25.00
C2704036	4	2.0	36	£29.00
C2705044	5	2.0	44	£32.50
C2706052	6	2.0	52	£35.00
C2707060	7	2.5	60	£37.50
C2708068	8	2.5	68	£40.00
C2709076	9	2.5	76	£45.00
C2710084	10	2.5	84	£47.50
C2712100	12	2.5	100	£50.00
C2714116	14	2.5	116	£52.50
C2716132	16	2.5	132	NEW £55.00
C2718148	18	2.5	148	NEW £59.50

Cuttable 2.7mm Plate



This plate is cuttable and stackable. The plate profile is convex for added strength. Also available in a notched style for easy 3 dimensional contouring. This is the cuttable malleable plate.

CUTTABLE 2.7MM PLATE

CP276150	Cuttable Plate 2.7 Screws 24 Holes 150 mm Long	£72.00
CM276150	Cuttable Malleable Plate 2.7 Screws 24 Holes 150mm	£92.00

2.7mm Quarter Tubular Plate

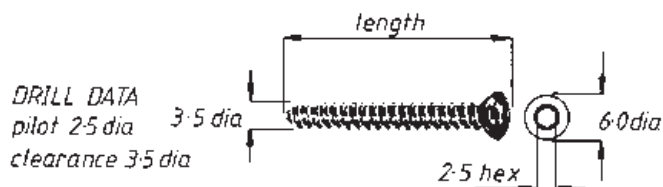


2.7mm 1/4 TUBULAR COMPRESSION PLATES

T2703023	3 (number of holes)	23 (length in mm)	£15.00
T2704031	4	31	£16.00
T2705039	5	39	£17.00
T2706047	6	47	£18.00
T2707055	7	55	£19.00
T2708063	8	63	£20.00

3.5/4.0mm Screws & Plates

3.5mm Cortical Screws (1.25 pitch) DIN58812



Use with 3.5mm compression and 3.5mm reconstruction plates to obtain fracture site compression.

3.5mm (1.25 PITCH) CORTICAL SCREWS - HEX HEAD 2.5mm (use 2.5mm pilot)		
CS3508	8mm	£4.45
CS3509	9mm	NEW £4.45
CS3510	10mm	£4.45
CS3511	11mm	NEW £4.45
CS3512	12mm	£4.45
CS3513	13mm	NEW £4.45
CS3514	14mm	£4.45
CS3515	15mm	NEW £4.45
CS3516	16mm	£5.50
CS3518	18mm	£5.50
CS3520	20mm	£5.50
CS3522	22mm	£5.50
CS3524	24mm	£5.75
CS3526	26mm	£5.75
CS3528	28mm	£5.75
CS3530	30mm	£6.25
CS3532	32mm	£6.25
CS3534	34mm	£6.25
CS3536	36mm	£6.25
CS3538	38mm	£6.25
CS3540	40mm	£6.25
CS3542	42mm	£6.75
CS3544	44mm	£6.75
CS3545	45mm	£7.25
CS3546	46mm	£7.25
CS3548	48mm	£7.25
CS3550	50mm	£7.25
CS3555	55mm	£9.25
CS3560	60mm	£11.50
CS3565	65mm	£11.50
CS3570	70mm	£11.50
CS3575	75mm	£13.50
CS3580	80mm	£13.50
CS3585	85mm	£13.50
CS3590	90mm	£13.50
CS3595	95mm	£18.50
CS35100	100mm	£18.50
CS35105	105mm	£18.50
CS35110	110mm	£18.50

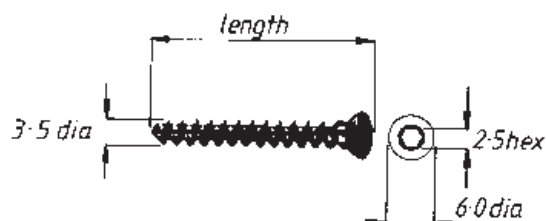
3.5mm Cortical Self Tapping Screws



This type of screw is becoming increasingly popular in both human and veterinary orthopaedics. Self tapping flutes at the tip obviate the need for pre-tapping which saves time and reduces time related complications. Pull out strength is not affected provided the self tapping flutes are positioned outside the cortex. Add an additional 2mm to screw length c.f. pre-tapped cortical screws.

3.5mm (1.25 PITCH) CORTICAL SELF TAPPING SCREWS - HEX HEAD 2.5mm (use 2.5mm pilot)		
CSST3508	8mm	£4.75
CSST3509	9mm	NEW £4.75
CSST3510	10mm	£4.75
CSST3511	11mm	NEW £4.75
CSST3512	12mm	£4.75
CSST3513	13mm	NEW £4.75
CSST3514	14mm	£4.75
CSST3515	15mm	NEW £4.75
CSST3516	16mm	£4.75
CSST3518	18mm	£5.75
CSST3520	20mm	£5.75
CSST3522	22mm	£5.75
CSST3524	24mm	£6.00
CSST3526	26mm	£6.00
CSST3528	28mm	£6.00
CSST3530	30mm	£6.75
CSST3532	32mm	£6.75
CSST3534	34mm	£6.75
CSST3536	36mm	£6.75
CSST3538	38mm	£6.75
CSST3540	40mm	£7.25
CSST3542	42mm	£7.25
CSST3544	44mm	£7.25
CSST3545	45mm	£7.75
CSST3546	46mm	£7.75
CSST3548	48mm	£8.25
CSST3550	50mm	£8.25
CSST3555	55mm	£9.25
CSST3560	60mm	£9.25

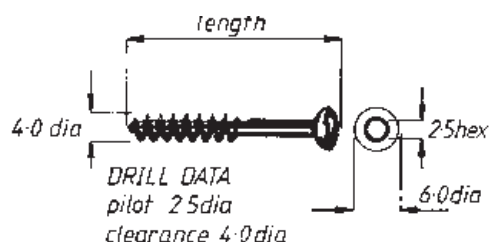
3.5mm Cancellous Screws (1.75 pitch)



The much coarser thread gives a much bigger "bite" to bone. Use on metaphysis or other cancellous bone. The screw needs its own tap.

3.5mm (1.75 PITCH) SMALL CANCELLOUS SCREWS - HEX HEAD 2.5mm (use 2.0mm pilot)		
CAN3510	10mm	£5.00
CAN3512	12mm	£5.00
CAN3514	14mm	£5.00
CAN3516	16mm	£6.00
CAN3518	18mm	£6.00
CAN3520	20mm	£6.00
CAN3522	22mm	£6.00
CAN3524	24mm	£6.75
CAN3526	26mm	£6.75
CAN3528	28mm	£6.75
CAN3530	30mm	£7.00
CAN3532	32mm	£7.00
CAN3534	34mm	£7.00
CAN3536	36mm	£7.00
CAN3538	38mm	£7.00
CAN3540	40mm	£7.50
CAN3545	45mm	£8.00
CAN3550	50mm	£8.50
CAN3555	55mm	£9.50
CAN3560	60mm	£9.50

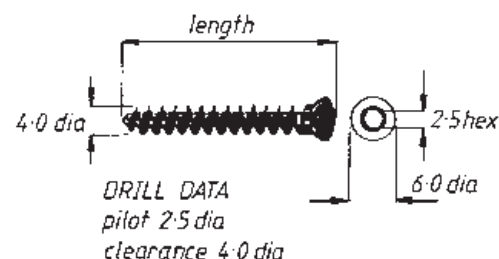
4mm Cancellous Screws Part Threaded



4mm CANCELLOUS PART THREAD SELF TAPPING SCREWS - HEX HEAD 2.5mm (use 2.5mm pilot)		
CNP4010	10mm	£4.75
CNP4012	12mm	£4.75
CNP4014	14mm	£4.75
CNP4016	16mm	£5.75
CNP4018	18mm	£5.75
CNP4020	20mm	£5.75
CNP4022	22mm	£5.75
CNP4024	24mm	£6.00
CNP4026	26mm	£6.00
CNP4028	28mm	£6.00
CNP4030	30mm	£7.00
CNP4035	35mm	£7.00
CNP4040	40mm	£7.50
CNP4045	45mm	£8.00
CNP4050	50mm	£8.50
CNP4055	55mm	£9.50
CNP4060	60mm	£10.50

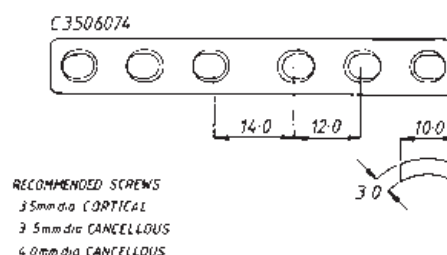
4mm Cancellous Screws Full Threaded

Use in cancellous bone where greater screw/bone interface is desirable. Self tapping.



4mm CANCELLOUS FULL THREAD SELF TAPPING SCREWS - HEX HEAD 2.5mm (use 2.5mm pilot)		
CNF4010	10mm	£4.75
CNF4012	12mm	£4.75
CNF4014	14mm	£4.75
CNF4016	16mm	£5.75
CNF4018	18mm	£5.75
CNF4020	20mm	£5.75
CNF4022	22mm	£5.75
CNF4024	24mm	£6.00
CNF4026	26mm	£6.00
CNF4028	28mm	£6.00
CNF4030	30mm	£6.75
CNF4032	32mm	£6.75
CNF4034	34mm	£6.75
CNF4035	35mm	£6.75
CNF4036	36mm	£6.75
CNF4038	38mm	£6.75
CNF4040	40mm	£7.25
CNF4045	45mm	£7.25
CNF4050	50mm	£8.25
CNF4055	55mm	£9.25
CNF4060	60mm	£9.25

3.5mm Compression Plate

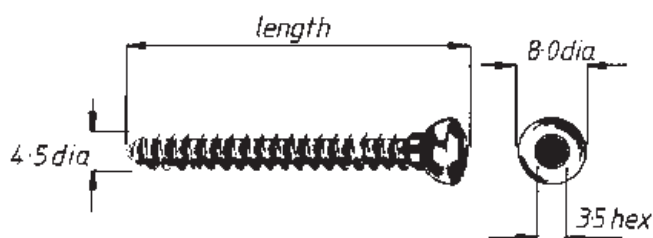


Use with 3.5mm cortical or 3.5mm cancellous screws to produce fracture compression.

3.5mm COMPRESSION PLATES			
C3502026	2 (number of holes)	26 (length in mm)	£26.00
C3503038	3	38	£27.00
C3504050	4	50	£28.50
C3505062	5	62	£29.00
C3506074	6	74	£31.00
C3507086	7	86	£33.50
C3508098	8	98	£35.50
C3509111	9	111	£37.50
C3510122	10	122	£41.00
C3512146	12	146	£43.50
C3514170	14	170	£46.00
C3516194	16	194	£52.50
C3518218	18	218	NEW £65.00
C3520242	20	242	NEW £75.00

4.5mm Screws & Plates

4.5mm Cortical Screws



DRILL DATA

pilot 3.2 dia

clearance 4.5 dia

The standard human cortical screw is suitable for very large dogs and equines. Because it is a human product made in large numbers, 4.5mm screws are relatively inexpensive.

4.5mm CORTICAL SCREWS - HEX HEAD 3.5mm (use 3.2mm pilot)		
CS4512	12mm	£5.50
CS4514	14mm	£5.50
CS4516	16mm	£5.50
CS4518	18mm	£5.50
CS4520	20mm	£5.50
CS4522	22mm	£5.50
CS4524	24mm	£6.25
CS4526	26mm	£6.25
CS4528	28mm	£6.25
CS4530	30mm	£6.25
CS4532	32mm	£6.25
CS4534	34mm	£6.25
CS4536	36mm	£6.25
CS4538	38mm	£6.25
CS4540	40mm	£7.00
CS4542	42mm	£7.00
CS4544	44mm	£7.00
CS4546	46mm	£7.00
CS4548	48mm	£7.00
CS4550	50mm	£7.00
CS4552	52mm	£7.00
CS4554	54mm	£7.00
CS4556	56mm	£7.75
CS4558	58mm	£7.75
CS4560	60mm	£7.75
CS4562	62mm	£7.75
CS4564	64mm	£7.75
CS4566	66mm	£7.75
CS4568	68mm	£7.75
CS4570	70mm	£7.75
CS4575	75mm	£10.50
CS4580	80mm	£12.00
CS4585	85mm	£14.00

4.5mm Cortical Self Tapping Screws

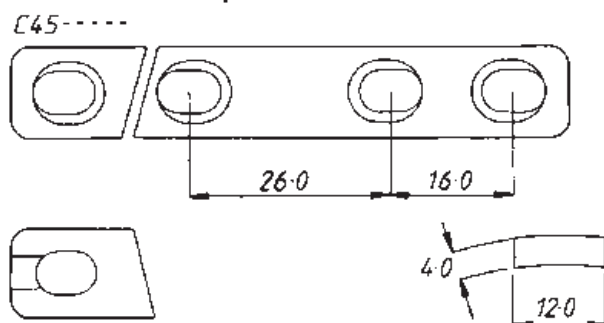
Use of self tapping screws can save considerable time and trauma. Reducing surgery time will reduce morbidity. Pull out strength is not affected provided the self tapping flutes lie outside of the cortex. Add an extra 1mm when assessing screw length.

Self tapping screws are less effective in dense cortical bone. e.g. calcaneus. It is advised that an appropriate tap be available should the need arise.

Drill data: Pilot drill 3.2mm Clearance drill 4.5mm

4.5MM CORTICAL SELF TAPPING SCREWS - HEX HEAD=3.5MM PILOT=3.2MM		
CSST4512	12mm	£6.00
CSST4514	14mm	£6.00
CSST4516	16mm	£6.00
CSST4518	18mm	£6.00
CSST4520	20mm	£6.00
CSST4522	22mm	£6.00
CSST4524	24mm	£6.75
CSST4526	26mm	£6.75
CSST4528	28mm	£6.75
CSST4530	30mm	£6.75
CSST4532	32mm	£6.75
CSST4534	34mm	£6.75
CSST4536	36mm	£6.75
CSST4538	38mm	£6.75
CSST4540	40mm	£7.25
CSST4542	42mm	£7.25
CSST4544	44mm	£7.25
CSST4546	46mm	£7.25
CSST4548	48mm	£7.25
CSST4550	50mm	£7.25
CSST4552	52mm	£7.25
CSST4554	54mm	£7.25
CSST4556	56mm	£8.00
CSST4558	58mm	£8.00
CSST4560	60mm	£8.00
CSST4562	62mm	£8.00
CSST4564	64mm	£8.00
CSST4566	66mm	£8.00
CSST4568	68mm	£8.00
CSST4570	70mm	£8.00
CSST4575	75mm	£11.00
CSST4580	80mm	£13.00
CSST4585	85mm	£15.00

Narrow 4.5mm Compression Plate

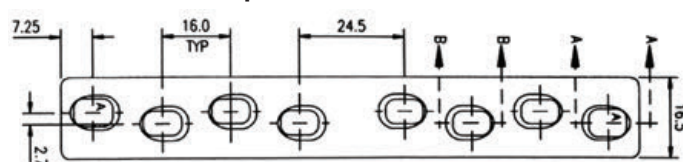


RECOMMENDED SCREWS 4.5mm dia CORTICAL

Use with 4.5mm cortical screws to produce fracture site compression.

NARROW 4.5mm COMPRESSION PLATES			
C45239	2 (number of holes)	39 (length in mm)	£28.50
C45355	3	55	£29.50
C45471	4	71	£30.50
C45587	5	87	£33.50
C456103	6	103	£35.00
C457119	7	119	£37.50
C458135	8	135	£39.50
C459151	9	151	£41.00
C4510167	10	167	£43.50
C4511183	11	183	£45.50
C4512199	12	199	£49.00
C4513211	13	211	£52.00
C4514230	14	230	£55.00
C4515246	15	246	£57.50
C4516265	16	265	£67.50
C4518296	18	296	NEW £77.50
C4520327	20	327	NEW £87.50

Broad 4.5mm Compression Plate



This is the strongest plate available for veterinary orthopaedics.

BROAD 4.5mm COMPRESSION PLATES			
B4505087	5 (number of holes)	87 (length in mm)	£42.50
B4506103	6	103	£45.00
B4507119	7	119	£47.50
B4508135	8	135	£50.00
B4509151	9	151	£52.50
B4510167	10	167	£55.00
B4511183	11	183	£57.50
B4512199	12	199	£60.00
B4513215	13	215	£62.50
B4514231	14	231	£67.50
B4515247	15	247	£72.50
B4516263	16	263	£77.50
B4517279	17	279	£82.50
B4518295	18	295	£87.50

5.5/6.5mm Screws

5.5mm Cortical Screws

This cortical screw is suitable for equines. Nearly twice as strong as 4.5mm cortical screws. Use with 4.5mm plates. Drill data: Pilot 4.0mm, Clear 5.5mm.

5.5mm CORTICAL SCREWS - HEX HEAD 3.5mm (use 4.0mm pilot)		
CS5524	24mm	£13.00
CS5526	26mm	£14.00
CS5528	28mm	£15.00
CS5530	30mm	£16.00
CS5532	32mm	£17.00
CS5534	34mm	£18.00
CS5536	36mm	£19.00
CS5538	38mm	£20.00
CS5540	40mm	£21.00
CS5542	42mm	£22.00
CS5544	44mm	£23.00
CS5546	46mm	£24.00
CS5548	48mm	£25.00
CS5550	50mm	£26.00
CS5552	52mm	£27.00
CS5554	54mm	£28.00
CS5556	56mm	£29.00
CS5560	60mm	£30.00
CS5564	64mm	£31.00
CS5570	70mm	£32.00
CS5580	80mm	£33.00
CS5590	90mm	£34.00
CS55100	100mm	£35.00

6.5mm Cancellous Screws

Drill data: Pilot 3.2mm, Clearance 6.5mm

Screwdriver: SDH3500F

Tap: TBT065 or TS00065

Our largest screw - useful salvage where a 5.5mm Cortical Screw strips.

6.5mm CANCELLOUS SCREWS - FULL THREADED - HEX HEAD 3.5mm (use 3.2mm pilot)		
CNF6525	25mm	£9.50
CNF6530	30mm	£10.00
CNF6535	35mm	£11.00
CNF6540	40mm	£12.00
CNF6545	45mm	£13.00
CNF6550	50mm	£14.00
CNF6555	55mm	£15.00
CNF6560	60mm	£16.00
CNF6565	65mm	£17.00
CNF6570	70mm	£18.00
CNF6575	75mm	£19.00

AO Type Screws, Drills, Taps & Screwdrivers

DRILL & EQUIPMENT for Cortical and Cancellous Screws

CORTICAL = CS

CORTICAL SELF TAP = CSST

CANCELLOUS = CAN

	CORTICAL 2.7	SELF- TAPPING CORTICAL 2.7	SMALL CANCELLOUS 3.0	CORTICAL 3.5	SMALL CANCELLOUS 3.5	SELF- TAPPING CORTICAL 3.5	CANCELLOUS 4.0	CORTICAL 4.5	CORTICAL 5.5	CANCELLOUS 6.5
PILOT DRILL	2.0	2.0	2.0	2.5	2.0	2.5	2.5	3.2	4.0	3.2
JACOBS HARD	H090102	H090102	H090102	H090112	H090102	H090112	H090112	H090105S	H090107	H090105S
JACOBS SOFT	090102	090102	090102	090112	090102	090112	090112	090105	090107	090105
SYNTHES FIT	S090102S	S090102S	S090102S	S090112S	S090102S	S090112S	S090112S	S090105S	S090107	S090105S
TAP - QUICK FIT	TS0027	N/A	N/A	TS12535	TS17535	N/A	TS17535	TS00045	TS00055	TS00065
TAP - 'T' BAR	TBT027	N/A	N/A	TBT12535	TBT17535	N/A	TT17535	TBT045	-	TBT065
CLEARANCE DRILL	2.7	2.7	3.0	3.5	3.5	3.5	4.0	4.5	5.5	6.5
JACOBS HARD	H090104	H090104	H090205	H090106S	H090106S	H090106S	H090107	H090108S	H090109	-
JACOBS SOFT	090104	090104	-	090106	090106	090106	090107	090108	-	-
SYNTHES FIT	S090104S	S090104S	SDD1500	S090106S	S090106S	S090106S	S090107	S090108S	S090109	-
SCREW DRIVER - TYPE	2.5 HEX	2.5 HEX	2.5 HEX	2.5 HEX	2.5 HEX	2.5 HEX	2.5 HEX	3.5 HEX	3.5 HEX	3.5 HEX
	SDHS35F	SDHS35F	SDHS35F	SDHS35F	SDHS35F	SDHS35F	SDHS35F	SDH3500	SDH3500	SDH3500

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Drill Bits

WHICH DRILL DIAMETER

	1.5	2.0	2.7	3.5	4.0	4.5	5.5
SHERMAN - Pilot	-	1.6	2.4	2.7	-	-	-
TYPE - Clear	-	2.0	2.7	3.5	-	-	-
AO - Pilot	1.1	1.5	2.0	2.5	2.5	3.2	4.0
CORTICAL - Clear	1.5	2.0	2.7	3.5	4.0	4.5	5.5

Drill Bits - Hard

Expensive but last a long time. All quick fit drills, and those round shank drills with a diameter of 3.2mm or more, come in short and long lengths. These drills are much stiffer than implant quality ones. Particularly recommended for drills less than 3.2mm diameter. Drill fragments do not cause a problem. G suffix indicates gold titanium nitride coating.

DRILL BITS - Stainless Steel 420 Hard - Not Implant Quality - Long Life - Round Shank

H090102	5/64	2.0mm	100mm	£20.00
H090112		2.5mm	115mm	£20.50
H090112G		2.5mm	115mm	£28.50
H090104	7/64	2.7mm	130mm	£20.50
H090105S	1/8	3.2mm	130mm	£21.50
H090105L	1/8	3.2mm	180mm	£22.50
H090107S	5/32	4.0mm	130mm	£25.00
H090107L	5/32	4.0mm	180mm	£25.00
H090108S	11/64	4.5mm	130mm	£25.00
H090108L	11/64	4.5mm	180mm	£29.00
H090109S		5.0mm	130mm	£25.00
H090109L		5.0mm	180mm	£29.00

Anti-Skid Drills



Unless a bone drill is driven at 90 degrees to the bone surface there is a tendency for the drill to 'skid' over the bone surface placing the hole inappropriately. The anti-skid drill has a special tip to bite into the bone at virtually any useful angle, accurately predetermining the hole position.

Made from hard multi use 420 stainless steel.

Available in all useful sizes. 2.0, 2.5, 2.7, 3.2, 3.5, & 4.5mm

ANTI-SKID DRILLS

H090102AS	Anti-Skid Drill 2.0mm	100mm long	£24.50
H090112AS	Anti-Skid Drill 2.5mm	115mm long	£24.50
H090104AS	Anti-Skid Drill 2.7mm	130mm long	£25.50
H090105SAS	Anti-Skid Drill 3.2mm	130mm long	£25.50
H090106SAS	Anti-Skid Drill 3.5mm	130mm long	£25.50
H090106SAS/L	Anti-Skid Drill 3.5mm	180mm long	£27.00
H090108SAS	Anti-Skid Drill 4.5mm	130mm long	£27.00

Drill Bits - AO Quick Fit

Quick fit drills have a quick release coupling which enables them to be quickly switched using a quick release drill attachment as supplied with the Mini Driver, Maxi Driver, MPX, MPZ systems and most other powered systems. G suffix indicates gold titanium nitride coating.

DRILL BITS - AO QUICK FIT

S090102S	5/64	2.0mm	100mm	£25.75
S090102L	5/64	2.0mm	125mm	£27.75
S090112S		2.5mm	110mm	£26.25
S090112SG		2.5mm	110mm	£34.00
S090112L		2.5mm	180mm	£28.00
S090104S	7/64	2.7mm	100mm	£27.50
S090104L	7/64	2.7mm	125mm	£29.50
S090105S	1/8	3.2mm	145mm	£28.50
S090105L	1/8	3.2mm	195mm	£30.50
S090107	5/32	4.0mm	145mm	£28.00
S090108S	11/64	4.5mm	145mm	£29.50
S090108L	11/64	4.5mm	195mm	£31.50
S090109		5.5mm	145mm	£35.00

Leg Saver Splint



With any serious injury to the distal limb it is vital to support as soon as possible to minimise further damage. The Kimzey Leg Saver Splint gives support along the front of the leg in cases of distal fractures and suspensory ligament system failure. Also used as additional support after casting.

LEG SAVER SPLINT

ELSS1	Foal Leg Saver Splint (Contracted Tendon)	£315.00
ELSS2	Standard Leg Saver Splint	£375.00
ELSS3	Hind Leg Saver Splint	£425.00

Power Tools

Variable Speed Orthopaedic Drill



Our model has a removeable battery pack. This feature makes charging easier and a spare battery pack can be maintained on charge. The battery charges more quickly than you can discharge the one in the drill. This remains the best drill we have found.

All the original features remain.

- excellent control over speed 0-600rpm via trigger
- Stainless Steel Chuck (6.35mm capacity) and Extension
- 80mm through Chuck cannulation
- Autoclavable Shroud
- low speed, high torque
- supplied as a complete Kit including Stainless Chuck, Key, Extension, Autoclavable Shroud, 2 Batteries and a Charger.

VARIABLE SPEED ORTHOPAEDIC DRILL		
001600	Variable Speed Orthopaedic Drill (Complete Kit) Drill, Chuck, Key, Shroud, Extension & 2 x Batteries	£365.00
001605	Spare Chuck (& key) 1/4" 6.35mm	£145.00
001606	Spare Key for Standard Chuck	£24.50
001607	Drill Extension	£59.50
001620	Spare Drill Shroud	£19.50
001611	Battery Charger - Spare/ Replacement	£95.00

Spare Battery Pack

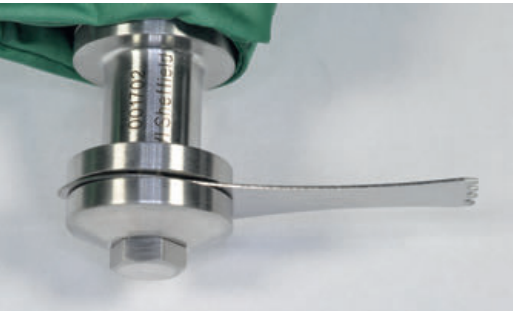


For use as standby or replacement. The quick charge unit supplied with the drill charges the spare battery pack faster than you can discharge the battery pack in the drill. With drills having a permanent integral battery, once the battery fails the drill must be replaced, but with this system you simply replace the battery.

SPARE BATTERY PACK		
001610	Spare Rechargeable Battery	£44.50

Multi Saw

Multi Saw Battery Powered



The Multi Saw is a multi-function oscillating saw which may be used as a cast cutter and a surgical oscillating saw. The standard rechargeable saw is supplied as a kit including charger, battery and gypsum type saw blade.

The Multi Saw has adjustable speed control. The saw cuts best at full speed but early users may wish to start the osteotomy at a lower setting.

Our stainless attachment converts the Multi Saw into a surgical saw in a similar fashion to our orthopaedic drill. With the converter and shroud in place, all exposed surfaces are sterile. A wide range of blades fit the multi saw. We recommend either the Desoutter S82 series or the Halls 5071 series. The latter offers a slimmer cut 0.8mm c.f. 1.2mm.

MULTI SAW BATTERY POWERED		
001701	Multi Saw including Gypsum Blade (rechargeable)	£495.00
001702	Stainless Converter (c/w Spanner)	£125.00
001703	Waterproof Shroud for Multi Saw	£19.50
001705	Multi Saw Diamond Blade (Resin)	£49.50
001714	Multi Saw Titanium Nitride Coated Blade	£44.50
001701B	Spare Battery for Multisaw	£95.00

Multi Saw Mains Powered



The well established Multi Saw is also available in a mains powered (240v) version. This plug in version has the advantage of reliability of power and significantly the speed of the saw is variable allowing a slow start speed.

The disadvantage is that a flex is not convenient and care should be taken to eliminate electrical hazards in theatre.

The option of a slow speed is also an advantage when used as a cast saw. The surgical attachment and blades are common to both battery and mains powered saws.

MULTI SAW, VARIABLE SPEED MAINS POWERED 240V		
001711	Multi Saw Kit incl Converter, Shroud Diamond Blade and S82-103 Blade	£495.00
001703MAINS	Shroud for Corded Multi Saw	£19.50

VI Black Series Battery Powered Surgical Saws and Drills

The VI Black Series range of power tools have very robust steel construction, with German motors and adjustable speed triggers making them much smoother, quieter and more reliable than many other models.

Based on hand surgery power tools, these are smaller than the standard human surgery power tools used for more general orthopaedics and are well suited to our patients.

Their size also makes them ideal for travelling surgeons and for other situations where space is at a premium.

VI Black Series Battery Powered Drill



Drill max speed: 0-1100RPM
Drill max noise: <40dB
Drill weight: 990g

Supplied complete with Battery, Battery Charger, Battery Transfer Sleeve and Aluminium Storage Case.

The VI Black Series Range is fully autoclavable at 134°C (not batteries) and is small enough to fit inside larger autoclave bags.

The Drill has a reverse and is fitted with a standard 3 jaw 'Jacobs' Style Chuck with through cannulation.

VI Black Series Battery Powered Saw



We currently stock a range of 9 Blades for the Saw which have been specifically selected for our patients. Supplied in an Aluminium Storage Case.

Saw speed: 0-15000 osc/min
Saw max noise: <50dB
Saw weight: 782g

VI Black Series Battery Powered Drill/ Saw Set

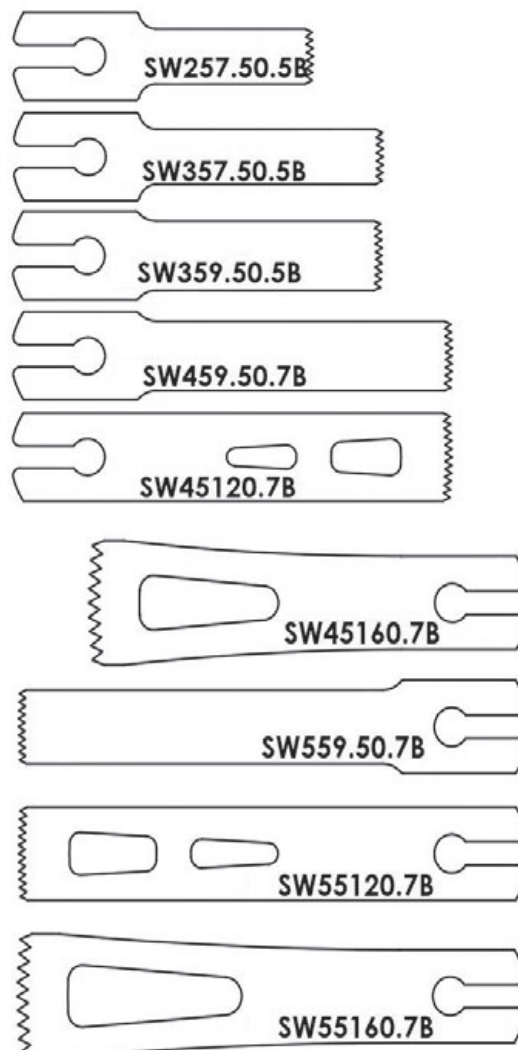


Drill/ Saw Set
-Black Series Drill
-Black Series Sagittal Saw
-2 x Battery Chargers
-2 x Batteries
-2 x Battery Transfer Sleeves
-Supplied in Aluminium Storage Cases.

VI BLACK SERIES BATTERY POWERED SURGICAL DRILL AND SAW

BLACKDRILL	VI Black Series Drill Set	£2,250.00
BLACKSAW	VI Black Series Saw Set	£2,250.00
BLACKKIT	VI Black Series Drill/ Saw Set	£3,950.00
BLACKBAT	VI Black Series Spare Battery	£175.00
BLACKDRILL - SC	Sterilisation Case for Black Series Drill	£175.00
BLACKSAW - SC	Sterilisation Case for Black Series Saw	£175.00

VI Black Series Saw Blades



BLADES SHOWN AT ACTUAL SIZE

VI BLACK SERIES SAW BLADES

CODE	CUT THICKNESS	WORKING LENGTH	WIDTH	PRICE
BLACKSW257505B	0.75	20	7.5	£37.50
BLACKSW357505B	0.75	30	7.5	£37.50
BLACKSW359505B	0.75	30	9.5	£37.50
BLACKSW451207B	0.95	40	12	£37.50
BLACKSW451607B	0.95	40	16	£37.50
BLACKSW459507B	0.95	40	9.5	£37.50
BLACKSW551207B	0.95	50	12	£37.50
BLACKSW551607B	0.95	50	16	£37.50
BLACKSW559507B	0.95	50	9.5	£37.50

Sterilisation Cases are also available for the VI Blade Series Drill and Saw.

VI MiniDriver

The MiniDriver Is Dead!! Long Live the MiniDriver!!

3Ms Orthopaedic was sold to Linvatec who killed off the MiniDriver and the MaxiDriver as they competed with their own product range. The MiniDriver remains in widespread use and in many ways is the ideal small animal orthopaedic power system particularly when used with the Mark II saw. Veterinary Instrumentation is pleased to announce that we are having the entire MiniDriver range re-manufactured including the K220 which takes a larger blade than the original Mark I saw. In fact we have improved on some of the accessories. New MiniDriver sets are available from £3,950. Some say the torque on the MiniDriver is too low. OK then buy the high torque chuck which more than triples the torque!

MiniDriver Sets



Illustrated above is the basic MiniDriver Set comprising

K200	Handpiece Mark II
K110	4mm chuck
K111	Wire Driver
K114B	AO Quick Release Chuck
K120	Sagittal Saw Mark I Push Button Release
3MH0SEVI	MiniDriver Hose

Also available with the Mark II Saw

When purchased as a set the savings are considerable.

MINIDRIVER SETS		
VIMDB1	MiniDriver Basic Set (inc Mk I saw)	£3,950.00
VIMDB2	MiniDriver Basic Set (inc MkII saw)	£4,250.00

K200 MiniDriver Handpiece



Fully re-furbished to the new K200 standard, the handpiece is the centre of the modular system. Handpiece has forward and reverse button plus locking trigger. Power output with Medical Air @ 7bar input is 0.78 Newton Meters. Speed variable 0-1100rpm.

K200 MINIDRIVER HANDPIECE		
K200VI	K200 Handpiece	£2,650.00

K111 Wire Driver

Re-attachment of osteotomies or small bone fragments is often best achieved using 'K' or arthrodesis ('A') wires. Driving a long pin in a chuck often results in bending and kinking making driving difficult. Incrementally advancing the wire through a chuck is fiddly and time consuming. The wire driver allows the easy incremental advancement of the wire through the handpiece via the use of a clutch arrangement.



K111 WIRE DRIVER		
K111VI	Wire Driver 0.7 to 1.8mm	£725.00

K211 Pin Driver

Similar to the wire driver in operation the pin driver has a larger capacity. (1.6 to 4mm).



K211 PIN DRIVER		
K211VI	K211 Pin Driver 1.6 to 4mm	£875.00

K120 Mark I Sagittal Saw



The K120 Sagittal Saw uses a push button mechanism for blade attachment. It is relatively widely available and less expensive than the more robust Mark II K220.

K120 MARK I SAGITTAL SAW		
K120VI	K120 Sagittal Saw Attachment	£775.00

K220 Mark II Sagittal Saw



The Mark II saw is more robust in construction than the K120 saw. Blade attachment is by use of a hex wrench. While this gave a more rigid attachment of the blade to the saw it was also the weak point of the attachment. We have re-engineered the blade holding mechanism to make it stronger and made the whole attachment from stainless steel.

The Mark II saw drives a larger range of blades including longer ones up to 42mm useful in the TTO and TTA procedures. Much more expensive than the Mark I version.

K220 MARK II SAGITTAL SAW		
K220VI	K220 Mark II Sagittal Saw Attachment	£1,025.00
K201VI	Replacement Wrench for K220K	£135.00

MiniDriver Hose

The standard hose is a 3 meter long double hose which vents back at the wall gas outlet or the regulator. In the UK the standard drive gas is bottle sterile Medical Air delivered at 7bar (100psi). Elsewhere in the world Nitrogen may be used. The standard hose supplied is fitted with an MA7 gas probe (Medical Air @ 7bar) which prevents connection to other gases e.g. Oxygen.

MINIDRIVER HOSE		
3MH0SEVI	MiniDriver Hose	£475.00
3MH0SEVIUS	MiniDriver Hose US Schrader	£475.00

K110 Small (4mm) Jacobs Chuck

Both Jacobs chuck attachments are through cannulated for driving long pins. 4mm capacity with key.

**K110 SMALL (4MM) CHUCK**

K110VI K110 4mm Chuck Attachment

£425.00

K109 Large (6.25mm) Jacobs Chuck

Both Jacobs chuck attachments are through cannulated for driving long pins. 6.25mm capacity with key.

**K109 LARGE (6.25MM) CHUCK**

K109VI K109 6.25mm Chuck Attachment

£425.00

K210 Hi Torque Large (6.25mm) Jacobs Chuck

Using the standard chucks the MiniDriver has a torque of 0.78 Newton Meters, which makes heavy weather of driving large pins without pre-drilling. By adding a set of gears the chuck speed is reduced but the stall torque is increased to 2.8 Newton Meters ideal for driving pins.

**K210 HI TORQUE LARGE (6.25MM) CHUCK**

K210VI K210 Hi Torque 6.25mm Chuck Attachment

£875.00

K107VI & K108VI Keyless Chuck Attachment

Chuck keys wear quickly, become lost and can be awkward to use in some situations. The keyless chuck, as are found on most DIY drills allow the surgeon to quickly switch drills and pins without a key. The distal part of the chuck is held using fingers and the chuck opened or closed by engaging the drill in either the forward or reverse drive respectively. The downside is that the chuck is slightly bulkier than the keyed equivalent.

K108VI & K107VI KEYLESS CHUCK ATTACHMENTS

K108VI Keyless Chuck Attachment 0 - 3.2mm

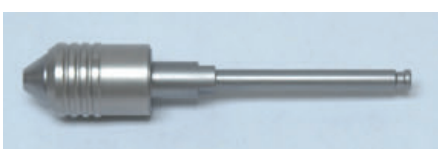
£575.00

K107VI Keyless Chuck Attachment 0 - 6.3mm

£575.00

K114B AO Quick Release Attachment

Many drills and taps are available with a quick release fitting, the most common of which is to the Synthes or AO standard.



Drills may be changed quickly without the use of a chuck key. The original version was made from relatively soft aluminium. The re-manufactured K114B is made from stainless steel and is easier to use than the original.

K114B AO QUICK RELEASE ATTACHMENT

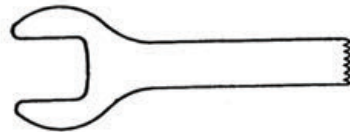
K114BVI K114B AO Quick Release Attachment

£545.00

K220 Blades

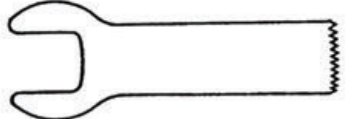
Other patterns available

Actual Size



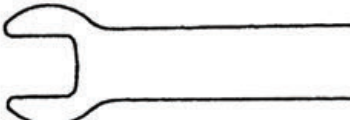
K142
K152

Actual Size



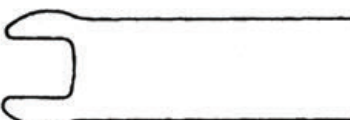
K148
K144

Actual Size



K154

Actual Size



K155

K220 BLADES

CODE	CUT THICKNESS	LENGTH	WIDTH	PRICE
K141	1.0mm	14.2mm	6.4mm	£55.00
K142	1.0mm	30.0mm	6.4mm	£55.00
K144	1.0mm	30.0mm	10.2mm	£55.00
K146	0.65mm	27.4mm	19.0mm	£55.00
K147	0.65mm	27.4mm	14.0mm	£55.00
K148	0.65mm	27.4mm	9.5mm	£55.00
K149	0.65mm	42.7mm	19.1mm	£55.00
K152	0.65mm	30.0mm	6.4mm	£55.00
K154	0.65mm	42.7mm	9.5mm	£55.00
K155	0.65mm	42.7mm	14.0mm	£55.00

K120 Blades

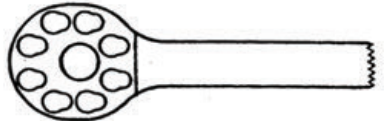
Other patterns available - phone for full list

Actual Size



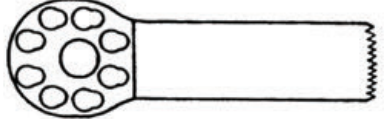
K123
K133

Actual Size



K122
K132

Actual Size



K124
K134

K120 BLADES

CODE	CUT THICKNESS	LENGTH	WIDTH	PRICE
K121	1.0mm	15.1mm	6.4mm	£55.00
K122	1.0mm	31.0mm	6.4mm	£55.00
K123	1.0mm	15.1mm	10.4mm	£55.00
K124	1.0mm	31.0mm	10.4mm	£55.00
K125	1.0mm	15.1mm	16.5mm	£55.00
K131	0.7mm	15.1mm	6.4mm	£55.00
K132	0.7mm	31.0mm	6.4mm	£55.00
K133	0.7mm	15.1mm	10.4mm	£55.00
K134	0.7mm	31.0mm	10.4mm	£55.00
K135	0.7mm	15.1mm	16.5mm	£55.00

Power Tools

MaxiDriver Modular System

The MaxiDriver remains the workhorse of very many human and veterinary orthopaedic units. It is extremely reliable and almost infinitely repairable. It's robust construction will tolerate a good deal of abuse.

Veterinary Instrumentation is re-manufacturing the handpieces and attachments and has taken steps to ensure that all spares are available or can be re-made. The New MaxiDriver has a full 1 year warranty. The handpiece is significantly bigger than the MiniDriver (940g vs 480g). The modular system takes 15 quick release attachments. All attachments also available in new re-manufactured condition. Please phone for details. A huge range of saw blades is available making the MaxiDriver Kit an extremely good value introduction to orthopaedic power. MaxiDriver Kits are particularly good value.



MAXL110 Jacobs Chuck



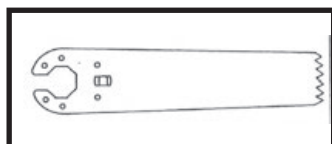
MAXL320 Sagittal Saw



MAXL111 Wire/Pin Driver



MAXL513 AO Quick Release



MAXIDRIVER MODULAR SYSTEM

MAXL100R	MaxiDriver Handpiece Refurbished to new	£2,650.00
MAXL110	Jacobs Chuck Attachment 6.35mm capacity	£475.00
MAXL111	Wire/ Pin Driver 1.6 to 4mm capacity	£525.00
MAXL320	Sagittal Saw Large Attachment	£575.00
MAXL140	Reciprocating Saw Attachment	£475.00
MAXL513	AO Quick Release Attachment	£575.00
MAXIHOSE	3 Metre MA7 Hose to fit MaxiDriver	£475.00
MAXKITR	MaxiDriver Basic Kit with as new Handpiece	£4,450.00

Bur Systems

Halls (Linvatec) Spinal Bur System

Surgairtome II



This is the current replacement for the Minos A200. Available both new and pre-owned. Similar performance to the Minos but has an air brake, so the bur stops immediately the trigger is released. Not as robust as the Minos as the drive is through gears but preferred by some surgeons e.g. Simon Wheeler.

SURGAIRTOME II

505800	Surgairtome II Kit. Includes Hose, Medium Bur Guard, Motor and Case	£4,950.00
5058	Surgairtome Motor.	£3,950.00
PREHALLSURG	Pre-owned Surgairtome II Kit. Includes Hose and Bur guard	£2,750.00
5042-35E	Halls UK Hose MA-7	£725.00
HALLHOSEVI	VI Hose – Halls Fitting	£475.00

3M Spinal Bur System

New Minos A200



The Minos A200 remains the industry standard for veterinary high speed burs. It has a deserved reputation for build quality and reliability. We are maintaining around 100 of these units and they seem to be infinitely repairable. 3Ms stopped making the Minos some years ago and for a while the only source was the pre-owned market.

Veterinary Instrumentation is pleased to announce that we have found the engineer who made the original Minos and he is now re-making them exclusively for us. He is also making the bur guards.

The body is machined from solid aluminium and will tolerate much abuse. The bur locking mechanism seems better than the others on the market. New units carry a full 12 months warranty.

The most cost effective way to purchase the Minos is as a Set which comprises: A200 Motor, Medium Bur Guard and Hose. Any other size Bur Guard may be substituted on request and all products are available separately. The Hose is the same as for the MiniDriver.

We usually have a stock of good quality pre-owned units which carry a 6 month warranty.



The Bur Guards support the Burs and reduce vibration. The Minos and other High Speed Burs should not be used without an appropriate Bur Guard. Without the Guard, risks to surgeon and patient are significant.

NEW MINOS A200

MNA200	New Minos A200 Set (Motor, Hose & Medium Bur Guard)	£3,450.00
PREMNA200	Preowned Minos A200 Set (Motor, Hose & Medium Bur Guard)	£2,450.00
3MHOSEVI	Hose with 3M Fitting	£475.00
VIMBG	Medium Bur Guard for 45-50mm Burs	£325.00
VILBG	Long Bur Guard for 65-70mm Burs	£350.00
VIXBG	Extra Long Bur Guard for 95mm Burs	£375.00

Burs

All surgical burs have a 2.36mm shank (HP fitting) and will fit in all high speed surgical bur machines e.g. 3M's Minos, Halls Surgairtome & Foredom. We have selected Komet burs for their high quality. All are single pack and non sterile. In human surgery burs are regarded as disposable items. In veterinary surgery the cost precludes using burs as disposables. However, use of burs which are less than sharp extends procedure time and creates heat. We do advise that burs are checked and changed on a regular basis.

Diamond burs are sharper and create less heat than carbide equivalents. Adequate irrigation is essential. **Please see chart for options and prices.**

BURS								
BUR TYPE	<i>illustrations are actual size</i>	HEAD SIZE	OVERALL LENGTH	BUR GUARD	ORDER CODE (Carbide)	PRICE £	ORDER CODE (Diamond)	PRICE £
		1.8	50mm	Medium	M18R	£32.50	-	-
		2.0	50mm	Medium	M20R	£32.50	M20D	£87.50
		2.3	50mm	Medium	M23R	£32.50	-	-
		3.0	50mm	Medium	M30R	£32.50	M30D	£89.50
		4.0	50mm	Medium	M40R	£64.50	M40D	£89.50
		5.0	50mm	Medium	M50R	£64.50	-	-
		6.0	50mm	Medium	M60R	£64.50	M60D	£89.50
		1.8	72mm	Long	L18R	£39.50	-	-
		2.0	72mm	Long	L20R	£39.50	L20D	£57.50
		3.0	70mm	Long	L30R	£52.50	L30D	£57.50
		4.0	69mm	Long	L40R	£52.50	L40D	£59.50
		5.0	69mm	Long	L50R	£69.50	L50D	£75.00
		6.0	69mm	Long	L60R	£69.50	L60D	£89.50
		6.5	69mm	Long	L65R	£72.50	-	-
		2.0	95mm	Extra Long	X20R	£55.00	X20D	£65.00
		2.3	95mm	Extra Long	X23R	£55.00	X23D	£65.00
		3.0	95mm	Extra Long	X30R	£55.00	X30D	£65.00
		4.0	95mm	Extra Long	X40R	£75.00	X40D	£95.00
		5.0	95mm	Extra Long	X50R	£95.00	X50D	£95.00

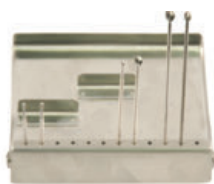
Bur Stands



Bur Block x 6

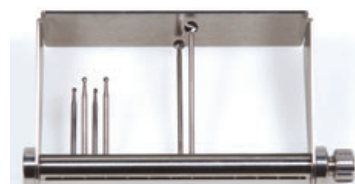


Bur Block Split Level



Bur Rack Flip Out

(NB Bur stands do not include burs)



Bur Rack (Rotating) folded flat for autoclaving



Bur Rack (Rotating) rotated out for use.

BUR BLOCKS HP BURS (2.36MM SHAFT)

BUR6	Basic Bur Block for 6 burs	£27.50
BURSP12	Bur Block Split Level for 12 burs	£55.00
BURRACK	Bur Rack Flip Out for 12 burs	£79.50
BURROT	Bur Rack Rotating for 24 burs	£265.00

PVC Stomach Tube



Inexpensive standard PVC Stomach Tubes with Funnel End.

Foal	1/4" i.d.	3/8" o.d. x 7" Long
Small	5/16" i.d.	1/2" o.d. x 9" Long
Medium	3/8" i.d.	5/8" o.d. x 9" Long
Large	1/2" i.d.	3/4" o.d. x 10" Long

PVC STOMACH TUBE		
EQSTF	PVC Stomach Tube - Foal	£23.00
EQSTS	PVC Stomach Tube - Small	£23.00
EQSTM	PVC Stomach Tube - Medium	£25.00
EQSTL	PVC Stomach Tube - Large	£25.00

Stomach Pump



Stomach Pump. Delivers liquid on both the up and down stroke. Available in two sizes.

Small	Length 40cm (16")
Medium	Length 55cm (21.5")

STOMACH PUMP		
EQSPS	Stomach Pump Small 40cm Long	£65.00
EQSPM	Stomach Pump Medium 55cm Long	£65.00

Neck Collar



Simple and secure attachment.

NECK COLLAR		
EQNCL	Neck Collar	£29.50

Balling Gun



Balling Gun. Available in three styles.

Small Diameter	Length 43cm (17")	Diameter 15mm 5/8"
Medium Diameter	Length 43cm (17")	Diameter 25mm 1"
Large	Length 56cm (22")	Diameter 35mm 1.5"

BALLING GUN		
ESBGS	Balling Gun Small	£45.00
ESBGM	Balling Gun Medium	£45.00
ESBGL	Balling Gun Large	£50.00

Frick's Oral Speculum



Made of heavy duty Stainless Steel.

FRICK'S ORAL SPECULUM		
EQOSP	Frick's Oral Speculum	£22.00

Twitch Kendal Model



TWITCH KENDAL MODEL		
EGJ44	Equine Humane Twitch - Kendal Model	£27.50

LED Head Torch with Hands Free On/ Off

Powerful LED Head Torch delivering 100lumens from one set of batteries (AAA supplied) Bright single LED so useful for indirect ophthalmoscopy. (Multiple LEDs give multiple images)The Light has a 4 x zoom focus plus the useful option of an infra red sensor switch which switches the light on or off by simply passing your hand in front of the light. Useful when scrubbed up but need to talk to staff or clients without blinding them.

LED HEAD TORCH WITH HANDS FREE ON/ OFF

014230 LED Head Torch with Hands Free On/ Off **£46.00**

3 LED Head Torch for between eyes

This reasonably priced powerful 3 LED Head Torch has the useful option of being worn upside down which gives the surgeon the option of a light between the eyes. Very useful when looking into confined spaces e.g. the mouth of a horse. Head torches mounted on the forehead do not work for this function as the light shines on the horse's muzzle casting a shadow into the mouth.

LED HEAD TORCH FOR BETWEEN EYES

014231 LED Head Torch for between eyes **£19.50**

Eyelid Speculum

The equine eye requires a dedicated speculum. None of the human designs are big enough. Our speculum is the industry standard design and sensibly priced.

EYELID SPECULUM

ES014200 Eyelid speculum. **£40.00**

Equine Ophthalmic Kit

The kit contains 8 instruments. All are contained in a stainless steel case with a protective silicon lining which minimises damage to the delicate instruments. Discounted by over 20% compared to component price.

Instruments included:

- Halstead Mosquito Forceps 12.5cm x 2 (1 x curved and 1 x straight)
- Beaver Type Handle (Swann Morton 'fine' Series)(NB Blades not included)
- Steven's Tenotomy Scissors
- Bishop Harman Forceps
- Castroviejo Needleholders with Catch - Straight
- Eyelid Speculum
- Balloon Cloth Drape
- Stainless Steel Box with Silicon Fingered Insert

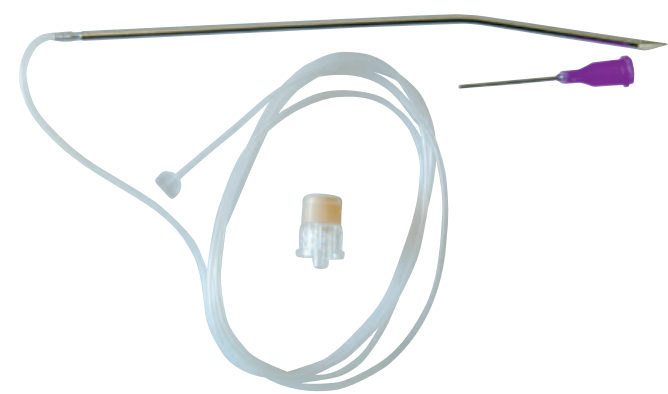
EQUINE OPHTHALMIC KIT

EQOPTKIT Equine Ophthalmic Kit **£325.00**

EQUINE OPHTHALMIC KIT - INDIVIDUAL INSTRUMENTS

103175	Halstead Mosquito Forceps Straight 12.5cm	£25.50
103225	Halstead Mosquito Forceps Curved 12.5cm	£25.50
014163	Bishop Harman Forceps	£52.00
014108	Steven's Tenotomy Scissors	£24.00
014175	Castroviejo Needleholders with Catch T.C.	£120.00
014191	Colibri Forceps	£94.50
ES014200	Eyelid Speculum	£40.00
06054	VI Beaver Blade Handle 130mm	£13.50
05905	25 Blades individually packed SM65	£25.50

Subpalpebral Ocular Lavage Kit



A Silicone Catheter that is surgically placed with a tunnelling trochar into the subpalpebral area. The special base lays flat against the mucosa, allowing ease of administration of medication for extended periods in serious ophthalmic condition. Sterile Kit includes:

- Silicone Lavage Catheter
- Trochar
- Blunt Tipped Needle (for insertion into catheter)
- Injection Cap

SUBPALPEBRAL OCULAR LAVAGE KIT		
EQSOLKIT5	5fr Ocular Lavage Catheter Kit	£42.50
EQSOLKIT8	8fr Ocular Lavage Catheter Kit	£42.50

EyeSaver Patch



The ultimate in eye care. EyeSaver's Eye Patch effectively closes the horse's eye for maximum pain relief while allowing for constant monitoring of the injury or problem. EyeSaver affords the eye the most complete rest possible, eliminating the need for surgical closure.

Each Eyesaver Kit contains:
Eyesaver Hood,
3 Tear Pads
3 Snap-on Rings
25 Gauze Pads

Note: Please specify LEFT or RIGHT when ordering as the protective ball cup is securely sewn in place and is not interchangeable.

JORVET EYESAVER PATCH		
EQESSR	Eye Saver Kit Standard Right	£80.00
EQESSL	Eye Saver Kit Standard Left	£80.00
EQESXLR	Eye Saver Kit X-Large Right	£85.00
EQESXLL	Eye Saver Kit X-Large Left	£85.00
EQESFR	Eye Saver Kit Foal/ Weaning Right	£85.00
EQESFL	Eye Saver Kit Foal/ Weaning Left	£105.00
EQESDS	Double sided Eye Saver Kit - Standard	£105.00

Ophthalmic Diagnostic

Schiotz Tonometer with Weights



Used to measure intra-ocular pressure. Surprisingly well tolerated by patients. Contains full instructions for use.

SCHIOTZ TONOMETER WITH WEIGHTS		
581500	Schiotz Tonometer Inclined Scale with Case	£195.00

Beta 200 Ophthalmoscope Heine



The separation of the illumination and observation beam avoids both corneal and iris reflex. The BETA 200 allows you to view the whole of the illuminated section of the retina even with a small pupil. You will need a handle or other power source see page 75

BETA 200 OPHTHALMOSCOPE HEINE

C-002.30.100	BETA 200 Head (no handle) 3.5v	£275.00
X-001.88.069	Spare 2.5v Bulb Beta Ophthalmoscope	£26.50
X-002.88.070	Spare 3.5v Bulb Beta Ophthalmoscope	£26.50

Finhoff Transilluminator Heine



For scleral transillumination.

FINHOFF TRANSILLUMINATOR HEINE

C-001.17.080	Finhoff Transilluminator 2.5v	£87.50
C-002.17.080	Finhoff Transilluminator 3.5v	£97.50
X-001.88.077	Spare 2.5v Bulb for Finhoff Transilluminator	£26.50
X-002.88.078	Spare 3.5v Bulb for Finhoff Transilluminator	£26.50

Indirect Viewing Lens



Aspheric 20 Diopter Hand Held Lens.

Cost effective method for examining the fundus.

Supplied with storage bag.

INDIRECT VIEWING LENS

C0017992	Indirect Viewing Lens	£84.50
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Heine Diagnostic Sets

Top quality equipment boxed as a Kit.

Otoscope Kit



The Kit includes the Slit Illumination Head, three Closed Speculae (57mm x 4mm, 65mm x 6mm, 90mm x 7mm) a spare Bulb and a Hard Case. The Kit shown is with a Standard Battery Handle but it is also available with a Rechargeable Handle or a Rechargeable Handle and Charging Unit.

HEINE OTOSCOPE KIT

G-112.10.118	Heine Otoscope Kit with Standard Battery Handle	£430.00
G-112.20.376	Heine Otoscope Kit with Rechargeable Handle	£555.00
X-000.99.308	Charger for G-112.20.376	£95.00
X-002.99.412	Convertor Insert to enable G-112.20.376 to work with NT300 Rechargeable Handpiece System	£26.50
G-112.20.420	Heine Otoscope Kit with Rechargeable Handle and Charging Unit	£755.00

Otoscope and Ophthalmoscope Kit



The Kit includes the Slit Illumination Head, the Beta 200 Ophthalmoscope Head, three Closed Speculae (57mm x 4mm, 65mm x 6mm, 90mm x 7mm), Spare Bulbs and a Hard Case. Kit shown is with a Standard Battery Handle but it is also available with a Rechargeable Handle or a Rechargeable Handle and Charging Unit.

HEINE OTOSCOPE AND OPHTHALMOSCOPE KIT

G-148.10.118	Heine Otoscope and Ophthalmoscope Kit with Standard Battery Handle	£685.00
G-148.20.376	Heine Otoscope and Ophthalmoscope Kit with Rechargeable Handle	£865.00
X-000.99.308	Charger for G-148.20.376	£95.00
X-002.99.412	Convertor Insert to enable G-148.20.376 to work with NT300 Rechargeable Handpiece System	£26.50
G-148.20.420	Heine Otoscope and Ophthalmoscope Kit with Rechargeable Handle and Charging Unit	£1,025.00

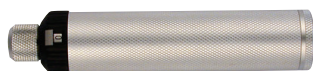
Heine Diagnostic

To create a diagnostic set you will need to combine the diagnostic head of your choice together with a power source.



Power Sources

Standard N Handle



The Standard N handle takes regular dry cell batteries.

STANDARD N BATTERY HANDLE		
X-001.99.118	Standard N Battery Handle	£70.00

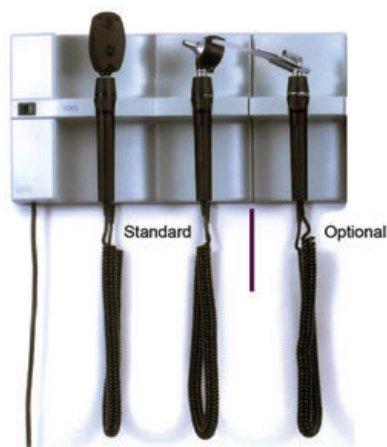
NT300 Rechargeable Handpiece System

The NT300 is a rechargeable system which is supplied with one handle but has a capacity for 2 handles.



NT300 RECHARGEABLE HANDPIECE SYSTEM		
X-002.99.422	NT300 Charger	£235.00
X-002.99.411	Rechargeable handle for NT300	£145.00
X-002.99.382	Rechargeable Battery 3.5V for NT300	£60.00

EN100 Wall Mount Unit with 2 Handpiece Positions



The latest version of this popular unit is wall mounted with the handpieces connected by flexible cables. You will never be dependant on batteries or be concerned as to where the otoscope is!

EN100 WALL MOUNT UNIT WITH 2 HANDPIECE POSITIONS		
X-095.12.110	EN100 Modular Unit c/w Two Handles (no Heads)	£395.00
X-095.12.135	Extra Handpiece Position	£195.00

Otoscope Heads and Accessories



X0288078

Designed to facilitate the examination of the external ear and the removal of foreign bodies the slit head otoscope includes a magnifying loupe which swings out of the way for insertion of crocodile forceps.

OTOSCOPE HEADS & ACCESSORIES

G-002.21.301	Otoscope / Slit head with Magnifying Swivel	£165.00
G0021330	Speculum Metal Closed 4mm	£49.50
G0021331	Speculum Metal Closed 6mm	£49.50
G0021332	Speculum Metal Closed 7mm	£59.50
G0021353	Speculum Metal Closed 10mm x 150mm	£49.50
G-000.21.209	Magnifying Swivel Loupe	£21.50
X-001.88.077	2.5v Bulb for Otoscope	£26.50
X-002.88.044	3.5v Bulb for Otoscope - Screw Fit	£26.50
X-002.88.078	3.5v Bulb for Otoscope - Push Fit	£26.50

Direct Ophthalmoscope Heads

The Beta Ophthalmoscope Head is the Standard Direct Ophthalmoscope Head.



X0288070

DIRECT OPHTHALMOSCOPE HEADS

C-002.30.100	Ophthalmoscope Head 3.5v	£275.00
X-001.88.069	2.5v Bulb Beta Ophthalmoscope	£26.50
X-002.88.070	3.5v Bulb Beta Ophthalmoscope	£26.50

Buster Starlight Diagnostic Set



A simple torch based set for easy intubation.

BUSTER STARLIGHT DIAGNOSTIC SET

270500	Buster Starlight Diagnostic Torch	£49.50
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Veterinary Instrumentation is very pleased to have been appointed exclusive UK Distributor for Midmark. The Midmark family also includes the Matrx range of Anaesthesia Machines and Cardell Monitors. With over 90 years of healthcare manufacturing and clinical use experience, Midmark are recognised as leaders in veterinary dentistry, anaesthesia and monitoring.

Matrx VML

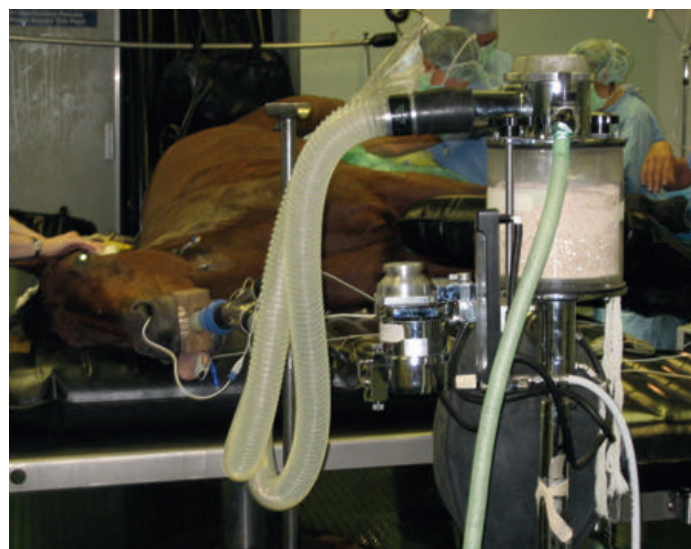


Designed for use in equine, bovine and other large animal anesthesia techniques. Outfitted with an optional Small Animal Breathing Circuit, the VML is the machine of choice for practices involving both large and small animals.

- Dual View Oxygen Flowmeter – glass tube with a fused scales reading from 1 to 10 LPM – quickly switch from standard to magnified view at the touch of a finger
- Easy-to-view Inhalation/ Exhalation Valves allow easy monitoring of respiration for patient safety
- Oxygen Flush
- 5200 cc CO₂ absorber
- Scavenging/ Adjustable Pressure Limiting Valve
- 30 Litre Breathing Bag
- 2" (5 cm) diameter Breathing Circuit
- Accepts VIP 3000 and TEC 3 Vaporizers (mounting kit included)

MATRX VML		
MID91802004	Matrx VML	£4,375.00
MID93300513	Optional Small Animal Breathing Circuit	£1,575.00

Carriage is extra for all items marked *



Conventional 'Tec' Vapouriser Systems

Anaesthetic machines using calibrated "TEC" type Vapourisers deliver into the circuit a gas mixture containing a specified percentage of volatile. In non-rebreathing circuits the patient will breathe this exact mixture. In circuits where some rebreathing occurs, the gas mix will not be the same as dialed on the vapouriser.

Veterinary Instrumentation's vapourisers are serviced and re-calibrated prior to sale.



CONVENTIONAL 'TEC' VAPOURISER SYSTEMS

IS03TEC	Mark III Isoflurane Vapouriser Key Fill Selectatec Fitting *	£725.00
SEV0TEC	Mark III Sevoflurane Vapouriser Key Fill Selectatec Fitting *	£725.00
MID91305418	Mark III Isoflurane Vaporiser Key Fill Cage Mount Fitting supplied with Key Fill Adaptor *	£ 1,050.00
MID40140201	Mark III Sevoflurane Vaporiser Key Fill Cage Mount Fitting supplied with Key Fill Adaptor *	£ 1,050.00
2012-000	Isoflurane Key Filled Bottle Adaptor	£70.00
2015-000	Sevoflurane Key Filled Bottle Adaptor	£70.00

Carriage is extra for all items marked *

Fluosorber

The Fluosorber absorbs all organic volatiles including Halothane and Isoflurane. The absorbed volatile is discarded with the exhausted Fluosorber after an increase in weight of 200g.

The Fluosorber is ideal for situations where there is no convenient outside wall.

Fluosorbers are cheaper in bulk (6).



Oxygen Concentrator

An Oxygen Concentrator is an electronically operated device that provides an uninterrupted supply of oxygen as and when required at the touch of a button. It draws in room air, separates the oxygen from other gases in the air and delivers the oxygen at high concentrations to the patient. It will not affect the normal amount of oxygen in the room.

Features and benefits

- High Oxygen concentration levels over the whole flow range
- Variable Flow rate up to 5 l/min
- OSD Sensor for continuously monitoring Oxygen levels
- Visual and audible alarms for low Oxygen levels, power failure, pressure drop and service required
- Dimension (H x W x D) 62.2 x 34.2 x 30.4 cm
- Weight 16.3 kg
- Flowrate 0.5 to 5 l / min
- Oxygen Concentration at 0.5 - 5 l / min 93% } 3%
- Electrical Requirements 230 V, 50 Hz
- Power Consumption approx. 290 Watt at 2 l/min approx. 312 Watt at 5 l/min
- Classification II Type B

Specifications

- Paediatric Flowmeter Humidifier
- Easy to operate, robust design
- Moulded handgrip for easy transportation and free moveable roller base for maximum manoeuvrability
- Circuit breaker with reset function
- Easy-to-view hour meter
- Take away bubble humidifier for placing where needed
- Service and maintenance friendly
- Data output socket compatible with PC, Notebook or Smart-Track. Remote for diagnostic analysis of the unit
- Intelligent power management system utilises turn-downR technology providing less power consumption below 2 l/min flowrates
- Low noise, quiet operation



FLUOSORBER

025510	Fluosorber - Single	£27.00
025515	Fluosorber - Pack of 6	£155.00

Matrix Veterinary Anaesthetic Gas Scavenger



The Matrix™ Veterinary Anaesthetic Gas Scavenger offers reliable active scavenging of waste anaesthetic gas. It is designed to meet current ASTM and ANSI standards and is available in a post mount or wall mount configuration.

Each Wall or Post Mount Scavenger unit will scavenge the waste anaesthetic gas from one anaesthesia machine.

Portable – Post Mount Scavenger comes complete with 20 ft. (6m) of 32mm tubing, 5 ft. (1.5m) of 19mm tubing and post mount hardware.

Wall Mount Scavenger comes complete with 2 ft. (.6m) of 32mm tubing, 18 ft. (5.5m) of 19mm tubing and wall mount hardware.

- Designed to meet current ASTM and ANSI standards
- Available in post mount or wall mount configurations
- Quiet operation
- Can be used with a ventilator or oxygenator
- Easy to install, compact design with few parts
- Standard 19mm inlet connection
- Power on/off switch with indicator light
- Low voltage (12V DC) operation

MATRIX VETERINARY ANAESTHETIC GAS SCAVENGER

MID91515181	Post Mount Veterinary Scavenger *	£515.00
MID91515182	Wall Mount Veterinary Scavenger *	£515.00

Carriage is extra for all items marked *

OXYGEN CONCENTRATOR

OXYCON	Oxygen Concentrator*	£775.00
68161HADISSXO.1	O2 Concentrator Connector to O2 Pendant	£225.00
19221HADISSXO.1	O2 Concentrator Connector to O2 Schrader	£225.00

Carriage is extra for all items marked *

Connectors

30mm is the international diameter for scavenge systems.



CONNECTORS

025534	30mm scavenge to 500ml Bag Tail (for 'T' Piece or Mini Bain)	£17.00
PORTEX	Portex Swivel with Port	£19.50

Connectors Semi-Disposable



CONNECTORS SEMI-DISPOSABLE

025536SDF	22mm Male to 30mm Scavenge Female	£4.45
025536SDM	22mm Male to 30mm Scavenge Male	£4.45
025088	15mm Elbow 15m - 22m/15f + 7.6mm Port	£4.95



CARDELL MONITORS

Providing reliable data in a compact, affordable unit

Cardell Monitors are designed and manufactured exclusively for the veterinary surgeon. There are five different monitor options which include some or all of the following features:

- Cardell independently verified non-invasive blood pressure technology.
- Nellcor's OxiMax all-digital pulse oximetry.
- Oridian's CO₂ technology.
- 3 or 5 lead ECG.
- Respiration and temperature monitoring.

Simply select a package which meets your requirements and Cardell will do the rest.

On request we can supply copies of papers proving Cardell technology and reliability.

Cardell Model 9401 Blood Pressure Monitor



Provides reliable blood pressure monitoring in a compact and affordable package. The Model 9401 offers systolic, diastolic, mean arterial pressure and heart rate in seconds. It has an automatic mode allowing the user to set measurements from 1-90 minutes. A STAT mode provides continuous readings for five minutes. A manual mode allows the user to take a measurement at any time. There are high and low alarms for all parameters. The Cardell BP technology is known for working reliably in all our patient species. It comes with 13 cuffs in 7 different sizes.

CARDELL MONITORS

CARD9401	Cardell 9401	£1,575.00
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Cardell Accessories



Cardell Model 9402 BP/ Pulseox Monitor



Along with the BP advantages of Model 9401, the Model 9402 uses Nellcor's OxiMax® digital processing for its pulse oximetry. The OxiMax technology offers greater accuracy than conventional oximetry, even for difficult-to-monitor patients with motion or low perfusion. A lingual sensor is included.

CARDELL MONITORS

CARD9402	Cardell 9402	£2,250.00
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CARDELL ACCESSORIES

CARDPRINT	Cardell Printer for 9400 Series	£545.00
CARDSENSOR	Nellcor Vetsat SpO2 Sensor	£225.00
CARDTEMP	Temperature Probe	£130.00
CARDSV8	80mm, Large Animal Reuseable Cuff	£16.50
CARDSV10	102mm, Large Animal Reuseable Cuff	£19.50

Cardell 9500 HD Multiparameter Monitor BP, SpO₂, ECG, Temp(2), CO₂ & Respiration



Not just another pretty face, the Cardell 9500 HD features the world-class Cardell blood pressure technology, Nellcor digital pulse oximetry and optional Respiroics solid-state mainstream CO₂. You can also measure ECG, respiration and 2 channels of temperature. With a 7" high definition, wide screen display and integrated printer, it's exactly what Cardell fans have been waiting for.

- High definition, full color 7" screen
- World-leading Cardell veterinary blood pressure technology
- Nellcor's all-digital Oximax™ pulse oximetry
- Diagnostic quality ECG (3 or 5 lead) with 3 filtering modes
- 2 YSI temperature channels
- Built-in, 3-channel printer
- 48 hours of graphical trends on each parameter
- 4-channel waveform display
- Quick blood pressure readings of systolic, diastolic and mean
- Automatic, STAT and manual blood pressure modes
- Pulse rate range from 20-300 bpm
- High and low alarms for all parameters
- Alarm triggered print function
- Stores up to 600 sets of tabular data
- Waveform displayed at 12.5, 25 or 50 mm/sec
- Operates on AC or rechargeable battery
- Upgrade option available with Respiroics Capnostat® CO₂ Sensor anytime (Sidestream or Mainstream) (order code C-SAT5 for Mainstream)



9500 with optional rolling stand

Cardell MAX-12 DUO HD Multiparameter Monitor



The Cardell MAX-12 Duo HD contains the world leading Cardell veterinary blood pressure technology, Nellcor's all-digital Oximax® pulse oximetry, and new for 2011: the ability to upgrade any time to CO₂ with Philips-Respiroics' solid state Capnostat mainstream or LoFlo sidestream. Invasive pressure can be included as an option, and the Max-12 HDm and HDim offer the addition of multi-gas monitoring with the Draeger bench. These are all complimented by a diagnostic quality ECG, respiration via direct impedance or direct through CO₂, and temperature. Also, new for 2011: download cases to a USB memory stick for easy transfer to your PC. View up to 8 waveforms at once, including 4 ECG waveforms. An oesophageal ECG is also available.

Full detailed brochure available on request or from the website
www.vetinst.com/docs

- World-class Cardell BP, Nellcor SpO₂, Respiroics CO₂
- 12.1" high-definition color screen with ultra-wide viewing angle
- Built-in 3-channel graphical printer
- Download case history onto USB memory stick.
- 8 waveform channel display; including 4 vector simultaneous ECG
- 120 hour graphical trends; 12-minute full recall ECG memory
- 4 veterinary specific alarm defaults (dog, cat, horse, other)
- Ethernet and serial ports for central station connectivity, USB port for downloading, VGA port for video
- Invasive pressure (2-channel) and anesthetic agent monitoring options
- Optional esophageal ECG probe
- Intuitive, easy to navigate menu
- 2 year warranty
- Upgrade option available with Respiroics Capnostat® CO₂ Sensor anytime (Sidestream or Mainstream) (order code C-SAT5 for Mainstream)

CARDELL MAX12 MULTIPARAMETER MONITOR

CARDMAX12DUOHD	MAX12 DUO HD	£4,450.00
CARDMAX12DUOHDi	MAX12 DUO HD-i w Invasive BP	£5,150.00
CARDMAX12HDM	MAX12 DUO HD-m w Multigas Monitoring	£7,950.00
CARDMAX12HDIM	MAX12 DUO HD-im w Invasive BP and Multigas	£8,850.00
C-SAT5	Capnostat Mainstream CO ₂ Probe	£1,575.00
CARD4F	Wall Stand for MAX12	£495.00
CARDMOB.64A	Mobile Stand with Basket	£715.00
CARDPAPER4F	Printer Paper Rolls Box of 4	£44.00

CARDELL 9500 HD MULTIPARAMETER MONITOR

CARD9500	Cardell 9500	£3,350.00
C-SAT5	Capnostat Mainstream CO ₂ Probe	£1,575.00

ANAESTHESIA SET UP OFFERS

Purchase of an anaesthetic system is expensive. If you purchase an anaesthetic machine and a monitor together you get a 5% discount. Purchase of an anaesthetic machine and a monitor and an oxygen generator will attract a discount of 10%.



= 5% Discount



Any Monitor



Oxygen Generator

= 10% Discount

Tidal Guard EtCO₂, SpO₂, Pulse and Respiration Monitor



£
FINANCE
AVAILABLE

- Measures EtCO₂, respiration rate, SpO₂, pulse rate
- New high-definition, bright color screen
- Size of an iPhone – very compact
- Choose between mainstream or sidestream CO₂
- Diagnostic CO₂/ SpO₂ waveforms
- Audible/visual physiological and technical alarms
- User adjustable alarm limits
- Pre-set alarm limits for cats, dogs and horses
- Three-hour graphical trend review
- Up to 99 patient IDs, 72-hour tabular trend for each
- Operates on four "AA" alkaline batteries or NiMH 2400 mAh rechargeable batteries (>4.5 hrs), or AC power
- Power charger/ cradle included
- Dimensions 4.8 x 2.9 x 0.9 in (125 x 73 x 23 mm)

TIDAL GUARD EtCO₂ SPO₂ PULSE RESPIRATION MONITOR

CARD8009001	Tidal Guard Monitor	£2,450.00
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Equine Silicone Endotracheal Tube



Universal fitting allows connection to most large animal anaesthesia machines and ventilators. Available in five sizes.

Inner Dia (mm)	Balloon(cm)	Length(cm)
20	10	90
22	10	90
24	12	100
26	14	100
30	14	100

EQUINE SILICONE ENDOTRACHEAL TUBE

EQET20	Equine Endo Tube Inner Diameter 20mm.	£110.00
EQET22	Equine Endo tube Inner Diameter 22mm.	£130.00
EQET24	Equine Endo Tube Inner Diameter 24mm.	£140.00
EQET26	Equine Endo Tube Inner Diameter 26mm.	£150.00
EQET30	Equine Endo Tube Inner Diameter 30mm.	£165.00

Equine Nasotracheal Tube



A cuffed nasotracheal tube used to deliver anaesthesia gases and oxygen via nasal intubation. The tubes have a standard 15mm connector. Available in three sizes.

Inner Dia (mm)	Outer Dia (mm)	Length(cm)
7	10.0	55
9	12.3	55
11	15.7	55

EQUINE NASOTRACHEAL TUBE

EQNT7	Equine Nasotracheal Tube Inner Diameter 7mm.	£60.00
EQNT9	Equine Nasotracheal Tube Inner Diameter 9mm.	£62.50
EQNT11	Equine Nasotracheal Tube Inner Diameter 11mm.	£65.00

Henry Schein Standard Dual-head Stethoscope

NEW



HS Stethoscopes with high density zinc alloy chrome-plated chest-pieces for superior sound transmission. Adjustable chrome-plated brass binaural with white ABS eartip for a comfortable fit. Durable one-piece moulded PVC "X" tubing, latex-free. Head: Dual-head, tubing length: 540mm, total length: 760mm, head-diameter: 49mm / 31mm.

Available in Black, Red, Royal Blue and Grey

HENRY SCHEIN STANDARD DUAL-HEAD STETHOSCOPE		
HS9008427	HS Standard Dual-head Stethoscope Red	£12.50
HS9008426	HS Standard Dual-head Stethoscope Royal Blue	£12.50
HS9008425	HS Standard Dual-head Stethoscope Grey	£12.50
HS9008424	HS Standard Dual-head Stethoscope Black	£12.50

Henry Schein Paediatric Stethoscope

NEW



HS Paediatric Stethoscopes with high density zinc alloy chrome-plated chest-pieces for superior sound transmission. Adjustable chrome-plated brass binaural with white ABS eartip for a comfortable fit. Durable one-piece moulded PVC "X" tubing, latex free. Head: Paediatric, tubing length: 540mm, total length: 760mm, head-diameter: 37mm / 29mm. Available in Black.

HENRY SCHEIN PAEDIATRIC STETHOSCOPE		
HS9008429	HS Paediatric Stethoscope Black	£12.50

Henry Schein Maxima Premium Dual-head Stethoscope

NEW



Maxima Stethoscopes with solid stainless steel chest-piece for excellent acoustic sensitivity. Stainless steel binaural tube with a reinforced inner-spring construction provides extra durability, while still maintaining portability. Latex-free y-type thick-walled tubing with internal 3-way sound transmission connector provides outstanding sound transmission. The ear tubes are permanently set at anatomically correct angle for better sound transmitting into your ear canals. Soft screw-on soft ear tips that assure maximum comfort and excellent acoustic seal in the ear canal. Name tag, extra diaphragm, pair of large soft screw-on and firm ear tips are also provided. Tube length: 570mm. total length 780mm.

Available in Black, Navy Blue and Burgundy.

HENRY SCHEIN MAXIMA PREMIUM DUAL-HEAD STETHOSCOPE		
HS9008416	HS Maxima Premium Dual-head Stethoscope Navy Blue	£31.50
HS9008415	HS Maxima Premium Dual-head Stethoscope Burgundy	£31.50
HS9008414	HS Maxima Premium Dual-head Stethoscope Black	£31.50

Oesophageal Stethoscope



Very simple yet very effective. The anaesthetist can monitor heart and lungs yet still have hands and eyes free for other signs. Supplied complete with headset and three probes. Probe length - 50cm.

OESOPHAGEAL STETHOSCOPE		
025101	Oesophageal Stethoscope including 3 Probes	£67.50
025101/24F	24F Probe for Stethoscope (8mm O/D)	£22.50
025101/P18F	18F Probe for Stethoscope (6mm O/D)	£22.50
025101/P12F	12F Probe for Stethoscope (4mm O/D)	£22.50

Instrument Cleaners

Please refer to our standard catalogue for our complete range of instrument cleaners, washers and Autoclaves.

Instrument Cleaning Agents

Rapidex Cleaner - (Now supplied in bulk or water soluble sachets)



An effective degreaser and general instrument cleaner. Some users dislike the loose powder format. The new soluble sachets are simply dropped into the ultrasonic bath. No dry powder is released.

- Ideal for Ultrasonic Cleaners.
- Also effective as a pre-soak for long standing or difficult residues
- Tested by the Royal Institute of Public Health

RAPIDEX CLEANER		
RAPIDEX	Rapidex Soluble Sachets Box of 50	£37.50
RAPIDEXBULK	Rapidex Bulk Powder 2.25kg	£57.50

Rapizyme



- Three new enzymes
- Easy to use measured bottle
- 2ml per litre dilution
- Removes all organic material
- Ideal for endoscopes
- Low foam for ultrasonics
- Completely rinsable
- Biodegradable
- Tested by The Royal Institute of Public Health

RAPIZYME		
RAPIZYME1	Rapizyme 1 litre Bottle	£49.00

Micro 90 Concentrate

Liquid general purpose instrument cleaner (dilute 1:100) for ultrasonics.



MICRO 90 CONCENTRATE		
100300	Micro 90 1Litre dilute 1:100	£14.25

Perasafe

Perasafe is a rapid, instrument compatible, user and environmentally friendly chemical sterilant. Supplied as a safe, space-saving powder Perasafe is activated by simply dissolving in luke-warm tap water. Providing rapid sterilisation and re-use of endoscopy instruments, Perasafe gives confidence to users and patients alike. A unique aldehyde-free formulation gives efficacy without harm to instruments, health risks to nursing staff and avoids the need for special fume extraction or waste disposal systems.



Perasafe is a pale blue/white powder which, when in solution, sterilises within 10 minutes. Suitable for all surgical instruments and fibrescopes. Formulated not to damage surgical instruments. Prepared solution lasts 24 hours. 81g pack makes 5 litres. May be subdivided to make less.

PERASAFE		
100100	Perasafe Cold Sterilant 24 x 81g (5 litre size)	£195.00
100101	Perasafe Cold Sterilant 6 x 81g (5 litre size)	£70.00

Instrument Lubrication

Instrument Oil - (autoclavable)

Regular lubrication will keep your instruments working longer.

Failure to lubricate will result in stiff joints and ultimately breakages. Low boiling point oils are quickly lost during the autoclaving process.

Oils containing teflon offer significant extra lubrication. Can be autoclaved.



INSTRUMENT OIL – AUTOCLAVABLE		
100003	Instrument Lubricating Oil	£14.50
100006	Teflon Drops	£18.50

Surgical Instrument Lubricant

After washing and drying, a regular spray of instrument lubricant will prolong working life and improve the function of your jointed instruments.



SURGICAL INSTRUMENT LUBRICANT

100009	Instrument Lubricating Spray	£13.50
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Instrument Lube

Diluted with water instrument lube becomes an oil emulsion. Instruments are allowed to soak to allow penetration of lube to all working parts. The excess is drained off prior to autoclaving. The water evaporates during autoclaving, leaving a film of oil in the joint.

Concentrated solution.

Recommended dilution rate 1 part EZEE-Lube to 50 parts water. Clear solution becomes white when diluted.



INSTRUMENT LUBE

100008	EZEE-Lube Instrument Lube 4 Litre(makes 200 litres)	£87.50
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Instrument Marking

Colour Coded Identity Rings

Strong tear-resistant silicone instrument coding rings.



COLOUR CODED IDENTITY RINGS

100012	Coloured Silicone Instrument I.D. Rings x 120	£15.50
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Instrument Marking Tape



Allows rogue instruments to be returned to their kits. Also useful when going on practical courses. Available as a kit or in individual rolls.

INSTRUMENT MARKING TAPE

100001	Instrument Marking Tape (box 8 colours) (120cm)	£21.00
100001Y	Instrument Marking Tape Single Yellow (300cm)	£8.95
100001R	Instrument Marking Tape Single Red (300cm)	£8.95
100001BR	Instrument Marking Tape Single Brown (300cm)	£8.95
100001OR	Instrument Marking Tape Single Orange (300cm)	£8.95
100001BLU	Instrument Marking Tape Single Blue (300cm)	£8.95
100001G	Instrument Marking Tape Single Green (300cm)	£8.95
100001W	Instrument Marking Tape Single White (300cm)	£8.95
100001BLK	Instrument Marking Tape Single Black (300cm)	£8.95

Protective Autoclavable Tips

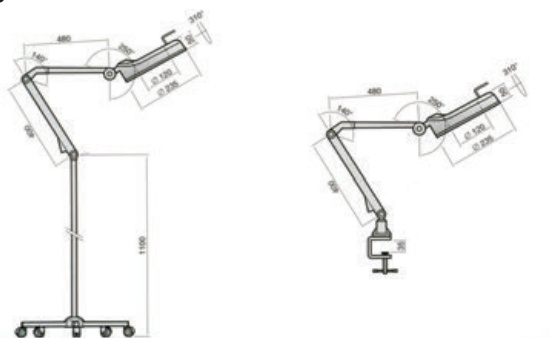


For Steinman, ESF pins and delicate or sharp instruments. Protect both tips and staff.

PROTECTIVE AUTOCLAVABLE TIPS

100011-W	Protective Tip White up to 1.6 - 2.0mm dia Pack of 20	£9.95
100011-BL	Protective Tip Blue 2.5 - 3mm dia Pack of 20	£9.95
100011-G	Protective Tip Green up to 3.2 - 4.0mm dia Pack of 20	£9.95
100011-R	Protective Tip Red up to 4.8mm dia Pack of 20	£9.95
100011-Y	Protective Tip Yellow up to 6.0 - 6.5mm dia Pack of 20	£9.95
100011-O	Protective Tip Flat Orange up to 10mm wide Pack of 20	£9.95
100011-BR	Protective Tip Flat Brown up to 16mm dia Pack of 20	£9.95
100011-BLK	Protective Tip Flat Black up to 25mm dia Pack of 20	£9.95
100011	Protective Tips Silicone Mixed Pack of 80	£69.50

Magnifier



A superior Magnifying Light for detailed distortion free examination.

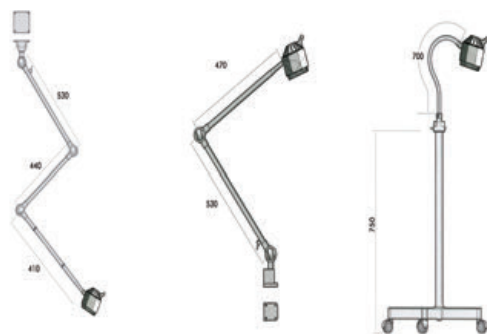
- 2.25 x magnification (5 dioptré)
- 127mm diameter
- 3 adjustable joints
- Fluorescent tube 22w
- 230-240v 50Hz AC
- 10,500 lux light intensity
- Options:
 - C-Clamp 6.8kg
 - Mobile 10.0kg

MAGNIFYING PROCEDURE LIGHT

RLMCLT	Mobile *	£325.00
RLMCL	Mobile with 'C' Clamp *	£275.00

* Carriage extra

HF Series Multipurpose Examination Lights



This very compact single light source is an ideal procedure light. The head swivels around to whatever position you require.

- Vented shade
- stay cool finger tip controller
- 50w halogen light source
- 230-240v 50Hz AC
- 31,000 lux light intensity
- Options:
 - Articulated Wall Mount
 - Articulated Ceiling Mount
 - Flexible Goose Neck Mobile
 - Flexible Goose neck 'C' Clamp



12455 (clamp)

12456 (wall mount)

HF SERIES PROCEDURE LIGHT

12456	HF Flexible Goose Neck Wall Mount 50w *	£375.00
12929	HF 3-Part Ceiling Mount 50w *	£425.00
12454	HF Flexible Arm Mobile Base 50w *	£565.00
12455	HF Flexible Arm 'C' Clamp 50w *	£385.00
12930	HF Articulated Wall Mount Procedure Light *	£385.00

Carriage is extra for all items marked *

TriStar



A compact combination of three light sources offers the following features:

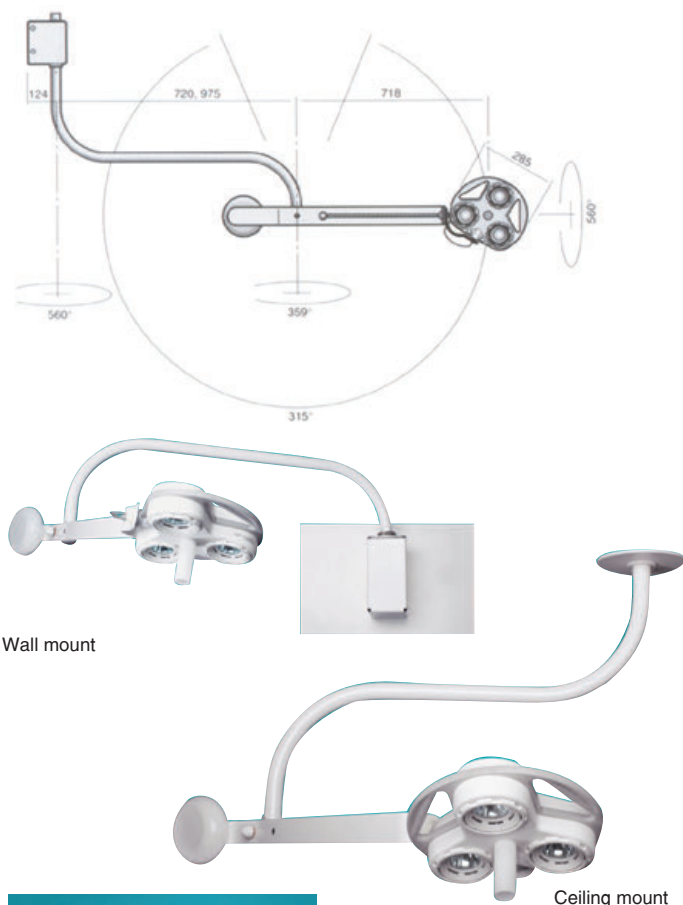
- Light pattern is 125mm at 600mm distance
- 3 x 20w long life halogen bulbs (2000hr)
- 230-240v 50Hz AC
- 42,000 lux light intensity
- Light colour 4,100 Kelvin
- Wall mount option offers 1400mm reach. 8.2kg
- Mobile unit raises from 685mm to 2030mm on a non tip base. 11.4kg

TRISTAR LIGHTING

TS2015W	Wall Mount TriStar *	£1,085.00
TS2015M	Mobile TriStar *	£1,085.00
18464	Bulb 20w	£18.50

Carriage is extra for all items marked *

Celestial Star



Wall mount

Ceiling mount

Mobile CS unit

Compact and counterbalanced, the three light source Celestial light is very easy to move and adjust.

- Drift free balance arm
- 3 x 35w long life halogen bulbs (4000hr)
- 230-240v 50Hz AC
- 64,500 lux light intensity
- Light colour 4,100 Kelvin
- Options:

Ceiling 23.6kg
Dual Ceiling 47.2kg
Wall 17.3kg
Mobile 24.3kg

CELESTIAL STAR LIGHTING		
CS2050C	Ceiling *	£1,650.00
CS2050W	Wall Mount *	£1,650.00
CS2050M	Mobile *	£1,650.00
18544	Autoclaveable Handle	£65.00
13078	Bulb	£25.00
18676	Corrective Filter	£30.00

Carriage is extra for all items marked *

Surgical Clippers

Andis Super AGR+ Cordless with Corded Back Up



- * Powerful clipper designed for all day heavy use.
- * Sensa-Charge charger recharges battery is less than an hour.
- * High speed motor 3800 strokes per minute
- * Includes No 10 Ceramic edge blade
- * Cord Adaptor converts clipper to mains power in emergencies.

ANDIS SUPER AGR+ CORDLESS		
0285604	Andis AGR+ Clipper	£260.00
0285142	AGRC Power Groom Cord Adaptor	£47.50

Oster Clippers A5



The latest version of the industry standard clipper with a blade locking device to prevent the blade unclipping in use. (blade not included).

OSTER CLIPPERS A5		
028080	Oster A5 "Golden" Body Only (No Blades)	£145.00

Oster Blades

OSTER BLADES		
028081	Oster Clipper Blade Size 40	£37.50
028082	Oster Clipper Blade Size 15	£37.50
028083	Oster Clipper Blade Size 50	£37.50
028084	Oster Clipper Blade Size 30	£37.50
028082/10	Oster Clipper Blade Size 10	£37.50

Laube 505 Cordless Clipper



A powerful Clipper. Has integrated light for better visualisation.

LAUBE 505 CORDLESS CLIPPER		
028100	Laube 505 Clipper	£395.00

Laube Blades

To function with the powerful Laube range of clippers Laube have corrected all the faults of all the other blades. Laube blades fit all clippers sold by Veterinary Instrumentation, except Pocket pro trimmer and Cardinal wet n dry. Highly recommended and very competitively priced.

LAUBE BLADES		
028111	Laube No. 15 Blade	£34.50
028112	Laube No. 30 Blade	£34.50
028110	Laube No. 40 Blade	£34.50
028113	Laube No. 50 Blade	£34.50

GIMA BiPolar Electrosurgery Unit 120 Watt



HF 122 is a complete innovation in the electrosurgery field. It is a high frequency-electronic scalpel suitable for microcoagulation, small and medium MonoPolar surgery and BiPolar coagulation. The following MonoPolar modes of operation are available via the control panel: pure cutting (CUT), coagulated cutting (COAG), MonoPolar coagulation and microcoagulation (BLEND). Additionally with BiPolar forceps, bipolar coagulation and microcoagulation are available.

Safety Alarm

Open Circuit (OC) Alarm warns the user that connection into the neutral plate has not been made or that the cable is disconnected. The alarm is signalled with an intermittent beep together with a flashing red light on the front panel. In this condition HF emission for cut and coagulation operation is switched off. Meets all EC standards for this type of equipment

Overheat Alarm

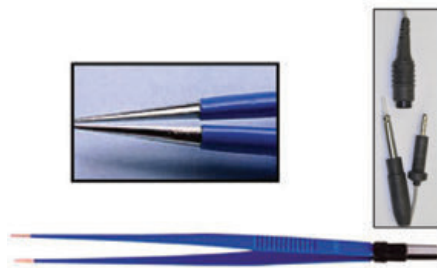
Should the final module in the HF generator overheat, the unit incorporates an internal circuit protection which cuts off operation. In this condition the red OVH warning light illuminates and the user must wait until the generator cools down, about 20 sec, before recommencing. The module will not go into protection mode as long as the instruction for operation as described in the manual are followed.

Kit includes:

- Two button MonoPolar handle (Autoclavable)
- BiPolar cable and forceps
- Two button MonoPolar handle (disposable)
- Foot control
- Flat neutral plate
- 6 short MonoPolar electrodes



6 x MonoPolar tips included in the Kit.
Spare Tips available.

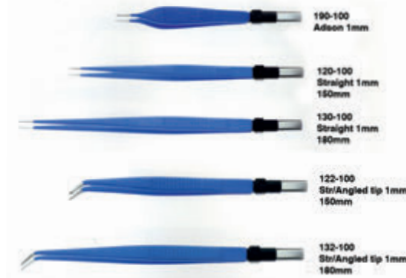


BiPolar forceps are included in the set.

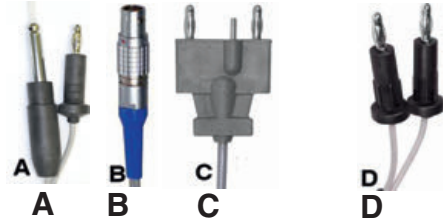
Other style forceps are available.

EU Forceps have a square fitting into the cable.

BiPolar Dissecting Forceps



BiPolar Cable Generator Terminations



GIMA HF122 Storz Valleylab (autobipolar) 4mm Banana Plugs
Valley Lab Eschman Arthrex OPES

The termination on our Bipolar Cables is a universal type fitting both the EU (square end) and the US (twin pin) Forceps.



BIPOLAR ACCESSORIES

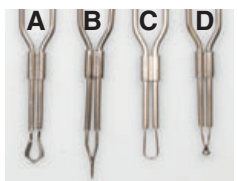
HF190-100	Bipolar Forceps Adson 1mm Tip	£95.00
HF120-100	Bipolar Forceps Straight 1mm Tip 150mm Long	£95.00
HF130-100	Bipolar Forceps Straight 1mm Tip 180mm Long	£95.00
HF122-100	Bipolar Forceps Straight/ Angled 1mm Tip 150mm Long	£95.00
HF132-100	Bipolar Forceps Straight/ Angled 1mm Tip 180mm Long	£95.00
HF124	Spare Bipolar Cable A Type Universal Forcep Connector	£115.00
HFU-30	Spare Bipolar Cable B Type Universal Forcep Connector	£70.00
HFY-30	Spare Bipolar Cable C Type Universal Forcep Connector	£70.00
HFS-30	Spare Bipolar Cable D Type Universal Forcep Connector	£70.00
Other Bipolar Cable Types available. Phone for details		

Thermocautery Unit



These are the most common types of termination for the generator or machine end of the cable. We can supply cables to fit all machines. If you do not see the right connector here please check the brand and model number of your electrosurgery unit and call or e-mail us. We will find the right cable for your machine.

This mains (240v) thermocautery device is very robust and reliable with a wide selection of tips. As the trigger is pressed the are a to be cauterised is illuminated by an integral light. Suitable for a wide range of minor procedures where thermocautery is appropriate.



THERMOCAUTERY UNIT

SP33	Thermocautery Unit 240v	£99.50
SP36	Thermocautery Tip A Knife	£33.50
SP34	Thermocautery Tip B Pin	£33.50
SP35	Thermocautery Tip C Loop	£33.50
SP37	Thermocautery Tip D Ball	£33.50
SP43	Spare Bulb	£16.50

GIMA BIPOLAR ELECTROCAUTERY UNIT

HF122	120watt MonoPolar/BiPolar Electrosurgery Unit	£995.00
HF125	Spare Autoclavable MonoPolar Handpiece for HF122	£90.00
HF30547	Spare MonoPolar Handpiece Screw Grip for HF122	£105.00
HF123	Spare Standard Bipolar Forceps for HF122	£110.00
HF124	Spare Bipolar Cable for HF122 (A Type)	£115.00
HF127	Waterproof Foot Pedal for HF122	£235.00
HF30568	Foot Pedal for HF122	£117.75

Autoclave

Midmark B60 Steriliser and Cabinet



Ideal for the busy Equine facility, the Midmark B60 offers the ability to process larger instruments, which are often too big for a standard table top steriliser.

However, despite increasing the capacity of the chamber to 60L, the B60 still offers fast vacuum cycles with excellent drying for pouched, wrapped or porous loads, ensuring on-going peace of mind for instruments, drapes and kits whether they are to be used immediately or need to be stored after processing, being used more infrequently for specialist procedures. This makes your whole sterilisation process more efficient and effective.

The B60 is simple to install, requiring only a single phase power supply.

It has its own integral Reverse Osmosis Unit to ensure the quality of the water used for steam generation provides excellent sterilisation results and maximises the life of your steriliser.

It can also be plumbed into your drain to decrease the manual handling associated with emptying steriliser water tanks.

It is also supplied on its own cabinet which acts as a handy storage area beneath the unit and has a small footprint for a unit of this size.

Cycle data can be downloaded to a USB key to ensure all cycle parameters are permanently recorded and each cycle can also be printed out for a hard copy record if required.

Features:

High throughput – Large 60l Chamber Capacity

- Built-in Printer and USB Connection
- Type B and Type S Vacuum
- Complies with EN 13060
- Wide range of cycles at 121°C and 134°C for porous loads and pouches
- Only 3.5l water consumption per cycle
- Integrated Reverse Osmosis System
- Supplied with trayholder and 4 trays
- Connected to a standard single-phase plug, avoiding the need for a three-phase electrical connection

MIDMARK B60 STERILISER

TC6000668/TM60	Midmark B60 Steriliser and Cabinet	£10,975.00
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Midmark Customer Service includes:

After-sales Service and Maintenance
 Free Delivery (UK Mainland), Installation, Commissioning and Staff Training on purchase.
 Service is recommended every 1500 cycles or at least once per year.
 Manufacturer Trained Engineers.
 BCAS Accredited.
 Two Year Warranty (5 Year Warranty on Chamber).
 Free Technical Support by phone.

Introduction

Using fibre optics the Arthroscope is able to deliver light and obtain an image from within the joint thus obviating the need for an extensive surgical approach and keeping surgical trauma to soft tissues at a minimum. However, arthroscopy is not a risk free procedure as it involves placing sharp metal objects into the joint space.

Although arthroscopy may be considered expensive in terms of both the dedicated instrumentation required and the time and money involved in training, it is recommended that sufficient resources are allocated to purchase good quality equipment at the outset. (Equipment failures being very frustrating and ultimately very expensive.)

Arthroscopes

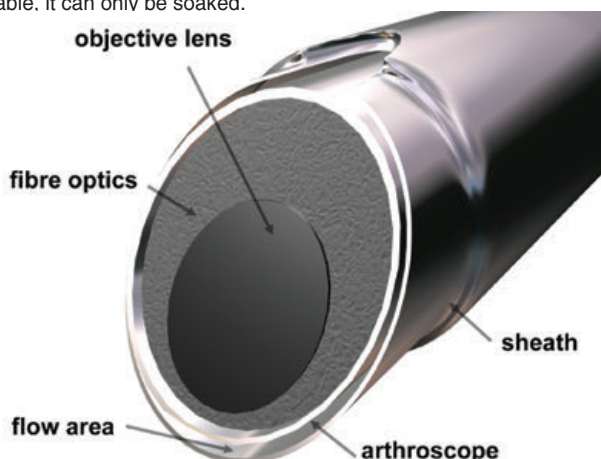
An Arthroscope is a rigid Endoscope consisting of a system of lenses, which collects and transmits an image from the tip of the instrument along the shaft to an eyepiece or camera. A light post close to the eyepiece allows light to be passed into the shaft and down optic fibres surrounding the lens system to illuminate the subject area at the tip.

The diameter refers to the outside diameter of the unsheathed shaft of the telescope. Two sizes are commonly used in equine arthroscopy: 4.0mm and 2.7mm. 4.0mm is the standard, with 2.7 being useful for small joints like the coffin joint.

The viewing angle is the angle between the lens face and a line drawn at right angles to the long axis of the arthroscope. A 0° scope views straight ahead from the front of the lens, while a 90° scope sees an image at right angles to the long axis of the scope. Most veterinary arthroscopes have a viewing angle of 30°, which is a compromise between field of view and distortion. The user needs to be aware which way the lens is pointing. The light post is used as a reference point and is positioned opposite the angle of view. Rotating the scope along its long axis will allow the surgeon to view a large area within the joint with minimal repositioning. An oblique viewing angle does offer the surgeon a limited ability to see 'around corners'.

Each Arthroscope will require a dedicated sheath, which protects the Arthroscope as well as delivering fluid to the tip. Sheaths offering a high rate of flow are preferable. The Sheath reduces the effective working length of the 4.0mm scope to approx 16.0cm. Conversely, the Sheath will increase the working diameter of the arthroscope. 4.0mm becomes 5.5mm.

All Scopes are now available in autoclaveable versions. Autoclaving, especially for fine Scopes, will significantly reduce the working life of the instrument. Autoclavable Scopes can be soaked & we recommend this method of sterilisation to preserve your Scope. If your Scope is not marked autoclavable, it can only be soaked.



Standard Arthroscope, 4.0mm with Arthroscopic Sheath



- 115 degree field of vision
- special coated front lense system
- elongated working lengths
- Non Rotating Stopcock, robust and durable

T181-4030	Wide Angle Telescope 30° OD: 4 mm WL: 18 cm 115° Field of Vision - Standard Light Cable Connectors - Autoclavable	£2,475.00
S180-4031	Sheath for Arthroscopy OD: 5.5 mm WL: 16 cm compatible with T181-4030 - Stopcock including Blunt & Sharp Trochar	£370.00

Needle Arthroscope, 2.7mm with Arthroscopic Sheath



T141-2730	Wide Angle Telescope 30° OD: 2.7 mm WL: 14 cm Large Image Technology - Standard Light Cable Connectors - Autoclavable	£2,295.00
S140-2731	Sheath for Arthroscopy OD: 3.8 mm WL: 12 cm compatible with T141-2730 - Stopcock including Blunt & Sharp Trochar	£345.00

Accessories for Sterilising and Storing

DE2980-51	Sterilizing & Storing Tray 290 x 80 x 52mm Perforated Stainless Steel with Silicon specially designed for Rigid Telescopes	£190.00
DE4680-52	Sterilizing & Storing Tray 460 x 80 x 52mm Perforated Stainless Steel with Silicon specially designed for Rigid Telescopes	£200.00

Hand Instruments



I-18-520 Hook Probe for Arthroscopy 3mm 12cm Strong Version Heavy Handles **£115.00**



I-18-521 Special Knife for Arthroscopy 3mm Break Safe Special Cut Heavy Handles **£175.00**



I-18-601 Curette Straight Strong Version Cup Oval size: 6 x 4mm **£100.00**



I-18-517 Elevator Extra Strong Curved 6mm **£115.00**



I-18-100 Osteotome Curved 6mm **£90.00**



I-18-110 Chisel Straight 4mm **£90.00**



I-18-518 Egress Cannula with Sharp Trochar Stopcock ID: 3mm WL: 7cm **£135.00**



I-18-519 Egress Cannula with Sharp Trochar Stopcock ID: 4mm WL: 7cm **£135.00**



TR-03-201 Puncture Needle ID: 3mm WL: 20cm incl. Sharp Trochar **£130.00**



I-18-635 Special Egress Curette Straight Strong Version Oval Cup: 5.5mm 3 mm Opening and LL(f) Suction Connector WL: 11cm **£245.00**



I-18-621 Curette 35° Oblique Left Strong Version Cup Oval size: 6 x 4mm **£110.00**



I-18-622 Curette 35° Oblique Right Strong Version Cup Oval size: 6 x 4mm **£110.00**



I-18-536 Special Elevator for the Coffin Joint acc to Dr. Zöttl 8cm Strong Version **£200.00**



I-18-534 Special Elevator for Sesamoid Fractures acc. to Dr. Foerner 4mm Curved Long **£180.00**

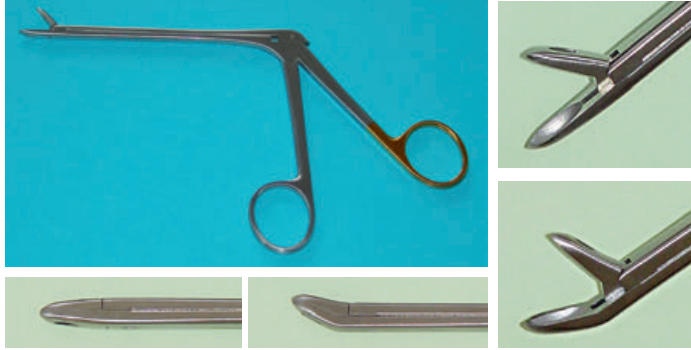


I-18-963 Hook Scissors for Arthroscopy Straight Single Action Jaws OD: 4mm WL: 15cm **£525.00**

Rongeurs

Standard Line Instruments

High quality instruments with long life span specifically designed for arthroscopy. Standard Handle type, small jaws, extremely durable



I-18-661	Rongeur 'Standard Line' Cup Size: 4 x 8mm Oval Straight Fenestrated WL: 11cm	£565.00
I-18-6611	Rongeur 'Standard Line' Cup Size: 4 x 8mm Oval Straight Fenestrated Ratchet WL: 11cm	£595.00
I-18-662	Rongeur 'Standard Line' Cup Size: 4 x 8mm Oval Angled Upwards Fenestrated WL: 11cm	£575.00

Ergonomic Line Instruments

High quality instruments with long life span specifically designed for arthroscopy. Ergonomic Handle type, small jaws, extremely durable.



I-18-7613	Rongeur Cup Size: 4 x 8mm Fenestrated Straight WL: 12cm Ergonomic Handles	£645.00
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I-18-6412	Rongeur/ Hook Grasper 'Chip-catcher' for Large Fragments Ratchet WL: 13.5cm	£595.00
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Power Line Instruments

High quality instruments with long life span specifically designed for arthroscopy. Heavy Handle type, small jaws, extremely durable.



I-18-973	Rongeur 'Power line' Cup Size: 5 x 10mm Straight Oval Cup WL: 15cm Heavy Handles Extremely Durable	£675.00
I-18-974	Rongeur 'Power line' Cup Size: 5 x 10mm Fenestrated Straight Small Tip WL: 15cm Heavy Handles Extremely Durable	£675.00

Light Sources & Cables

Halogen light sources are inexpensive but not as good as the xenon based systems, which are, unfortunately, significantly more expensive to purchase and maintain. Xenon light sources have a higher intensity and are essential if the unit is to be used for laparoscopic work. Thus xenon is preferable but halogen can be used successfully in most joint investigations. Both xenon and halogen bulbs have a limited life (xenon typically 500 hours, halogen typically 2000 hours) and bulb failure is at best embarrassing so always carry a spare. The light cable carries light from the source to the arthroscope by fibre optics. Each cable has dedicated connectors to couple with the light source and the arthroscope. Connections on both light source and arthroscope vary from manufacturer to manufacturer. Converters are available for both light source and arthroscope but it is wise, if possible, to purchase the appropriate cable for the system.

Xenon Light Source



Xenon Light Source - highend stand alone version.
High power, 300W. 6000°K, built-in air pump.

48-XE-300	Xenon Light Source	£3,650.00
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KW-48-231	Fibre Light Cable 4.8mm 2.3m both sides compatible to Wolf Autoclavable	£475.00
KS-48-231	Fibre Light Cable 4.8mm 2.3m Unit side compatible to Storz Endoscope side compatible to Wolf Autoclavable	£425.00
KS-48-230	Fibre light cable, 4.8mm 2.3m Olympus/ Wolf	£450.00
KS-48-300	Fibre light cable, 4.8mm 3.0m Storz/ Storz	£450.00

All cable combinations available.

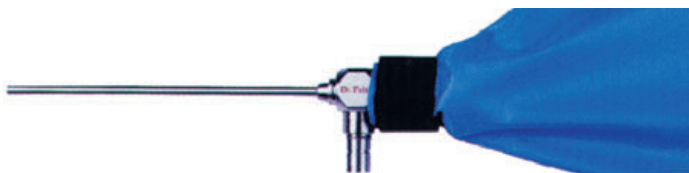
Cameras & Monitors

Direct viewing of the joint through the eyepiece is possible. However, practicality and the issue of contamination dictate that a camera system is an essential part of the equipment. Arthroscopic cameras work in a very similar fashion to video cameras in common usage. The image at the eyepiece of the arthroscope is focussed on a light responsive electronic chip(s). The signal created is transferred to a camera controller, which processes the image into a signal recognised by the monitor and/or recording system.

Most veterinary cameras have a single chip, which is sufficient for most users.

The connection of the camera head to the eyepiece of the arthroscope is also variable. To maximise the choice and longevity of the instrumentation it is advised that a clip on camera head compatible with DIN standard eyepieces be selected. The camera heads are fully immersible.

Camera Covers



DE-10-25	Camera Covers Disposable Polyethylene 13 x 250cm Sterile Pack of 30	£145.00
CAMPT	Camera Cover with Perforated Tip 250cm x 12.5cm Sterile Pack of 60	£145.00
CAMET	Camera Cover with Elasticised Tip 250cm x 12.5cm Sterile Pack of 60	£165.00
DE-10-25/Single	Camera Cover Single Disposable Sterile 13 x 250cm	£5.95
DE-10-01	Camera Cover Single Reusable Waterproof Washable Autoclavable 12 x 200cm	£82.50

Monitor



Flat Screen Professional Monitor



Pre-owned cathode ray tube type monitor

Professional monitors offer a better image than domestic screens as they have a better resolution. Some pre-owned units are always available. Ring for details.

Image Capture

Good practice dictates that a record is made of any arthroscopic procedure. Subsequent investigations can be compared to earlier ones and images can be shared and compared with colleagues or tutors as part of a training programme. Domestic video recorders will create a permanent record of a procedure. However the data is relatively crude and difficult to manipulate. Still video printers capture an image from a video stream which can then be printed onto photographic paper.

Digital video and data storage technology now allows the surgeon to record and store very large amounts of data in a digital format. The digital information can subsequently be manipulated by appropriate computer software to create both still and moving images in a variety of formats for storage or display. If clinical presentations are anticipated then a digital system is very desirable. Domestic DVD or combined DVD/Hard drive recorders offer huge storage capacities at reasonable prices.

The data is stored as Digital Video (DV) which can be converted into many other formats. The major arthroscopy companies offer sophisticated data storage systems which are able to capture and store still and movie files via sterile touch screens or camera finger controls. Permanent records are maintained on DVD discs or computer hard drives.

We usually have some pre-owned Sony video printers in stock. Ring for details.

USB Based Image Capture System



The latest version the image capture device captures both still images and Mpegs directly onto a USB stick ready for transfer to permanent storage.

Capture is activated by pressing a button on the front panel or if the surgeon prefers to keep control there is an optional foot control.

46-USB-200	USB Image Capture Jpeg and Mpeg	£2,500.00
46-USB-15-1	Footswitch for USB Capture System	£150.00

Laparoscopes for Minimally Invasive Surgery

Laparoscopes



T501-1000



T291-1030

Good optics are a pre-requisite for successful laparoscopy. The more you see the easier it becomes. Fritz' Scopes have a patented large image optical system taking in a wide field of vision producing a full screen, very high definition image.

All the laparoscopes are autoclavable and have standard eyepiece and light cable connectors.

LAPAROSCOPES	
T501-1000	Wide Angle Telescope 0° OD: 10mm WL: 50cm, Large Image Optical System Stand Light Connectors Autoclavable for equine and large animal practice £4,025.00
T501-1030	Wide Angle Telescope 30° OD: 10mm WL: 50cm Large Image Optical System Stand Light Connectors Autoclavable for equine and large animal practice £4,025.00

Trochars and Cannulae

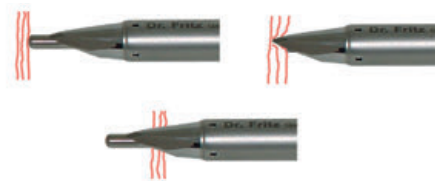
Trochar cannulas are designed with different types of valves to reduce or to avoid CO₂ loss when changing instruments and telescope during laparoscopy and thoracoscopy. Our reusable and patented magnetic valve trochar system has several advantages compared to other valve types. They are lightweight and because of the valve construction, the insertion of instruments and scopes will pass smoothly through without scratching or touching the front lens like in a so called automatic valve system. In addition there is nearly no gas loss even when changing instruments. There are no mechanical parts to clean inside except the magnetic flap itself which is a great help to your staff.

Trochar Cannulas with Magnetic Valving

5.5mm Inner Diameter



5.5MM INNER DIAMETER CANNULAE FOR 5MM SCOPES	
231-265	Cannula only Magnetic Valve ID: 5.5 mm WL: 20cm Inflation Stopcock £355.00
231-161	Safety Trochar only compatible to Cannulas ID: 5.5mm WL: 20cm fully dismantable with Corkscrew Handles £325.00
231-129	Trochar only with Pyramidal Tip for Trochar with ID: 5.5mm WL: 20cm £110.00



Safety Trochar Tissue pressure exposes the sharp tip



230-264

10MM INNER DIAMETER TROCHARS & CANNULAE FOR 10MM SCOPES

230-264	Cannula only Magnetic Valve ID: 10mm WL: 20cm Inflation Stopcock £355.00
230-161	Safety Trochar only compatible to Cannulas ID: 10mm WL: 20cm fully dismantable with Corkscrew Handles £325.00

16MM INNER DIAMETER FOR STAPLER & TISSUE EXTRACTION OR BIOPSIES

635-203	Cannula only, Magnetic Valve, ID: 16 mm, WL: 15 cm Trinox, without Stopcock £345.00
235-111	Trochar only with SharpTip for Trochars ID: 16 mm, WL: 15 cm £130.00

Accessories



ACCESSORIES

230-505	Reducer Adapter for Trochar Cannulas with ID: 10 to 5.5mm £35.00
237-505	Reducer Adapter for Trochar Cannulas with ID: 13 to 5.5mm £40.00
231-211	Sealing Caps for Trochar Cannula 5.5mm Pack of 10 £29.00
230-211	Sealing Caps for Trochar and Reducer Adaptor £29.00
231-215	Magnetic Valve Flap 5.5mm Pack of 2 £38.00
230-215	Magnetic Valve Flap 8/10mm Pack of 2 £38.00

Spleen/ Kidney Trochar



Designed by Dr Marien for closing of the spleen/ kidney space.

SPLEEN/KIDNEY TROCHAR

TR-23-250	Working Trochar acc. to Dr. Marien ID: 23mm 17cm including Cannula (TR-250) Sharp Trochar (TR-23) £275.00
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Palpation, Dissection and Puncture Instruments

Laparoscopy First Puncture Needle Veress



LAPAROSCOPY NEEDLE VERESS

L-19-150 Veress Needle 2mm x 150mm Luer Lock **£120.00**

Thoracoscopy First Puncture Needle, long version



THORACOSCOPY NEEDLE

TR-03-201 Thoracoscopy Needle 3mm x 200mm includes Sharp Trochar **£145.00**



5mm diameter, 470mm long protected interchangeable needle with outer tube. Consists of:

- L-47 Inside tube Luer lock Connector
- L-47-2 Outside Tube/ Probe
- L-210 Needle 1 x 26mm



PALPATION PROBE & PUNCTURE CANNULA

L-47-210	Palpation Probe/ Cannula 5mm 470mm Long	£215.00
L-210	Injection Cannula 1 x 26mm compatible to L-33/47 2pcs	£55.00
L-218	Injection Cannula 1.9 x 26mm compatible to L-33/47 2pcs	£55.00
L-218R	Injection Cannula 2 x 40mm Blunt compatible to L-33/47 2pcs	£55.00

Knot Tier and Cutter



Makes it easy to thread and tighten sutures. Integrated cutting device.

5mm diameter 400mm long.

KNOT TIER AND CUTTER

L-19-544 Knot Tier Long Version 400mm Long **£235.00**

Adjustable Fan Retractor



The spread of the five blades can be adjusted externally.
O/D: 10mm WL: 340mm Luer Lock Irrigation Connector.

FAN RETRACTOR

L-19-1006 Fan Retractor 340mm Long **£515.00**

Hand Instruments

Fritz hand instruments have a modular construction. The handles, the connecting tubes and the working jaw tips are interchangeable. Easily stripped down for cleaning, compatible to 5mm and 10mm trochar cannulas. All handles have a High Frequency connector.

Handles



H11 /H12



H01 /H05

The instruments may have plastic coated or stainless handles. They may or may not have a ratchet. The ratchet may be external or enclosed. See individual instruments for exact construction.

Tubular Sheaths



5mm or 10mm diameter options.

Different working lengths which may be rotated through 360 degrees. Insulated or stainless steel.

5mm Instruments Complete

Scissors



Metzenbaum Scissors 531.01H05V
5 mm, 33 cm, curved left, insulated, rotatable, dismantable, consisting of: jaws insert (53M01), sheath (53R1) handle (H 05), color code: white

Metzenbaum Scissors 541.01H05V
As above except 43cm

SCISSORS

531.01H05V	Metzenbaum Scissors 33cm	£450.00
541.01H05V	Metzenbaum Scissors 43cm	£450.00

Biopsy Forceps



Biopsy Forceps 531.61H01V
531.61H01V Biopsy Forceps, double action jaws, with spikes, 5 mm, 33cm, rotatable, dismantable, consisting of: jaws insert (53 M 61), sheath (53 R 1) handle (H 01), colour code: black

BIOPSY FORCEPS

531.61H01V	Biopsy Forceps Double Action Jaw 33cm	£450.00
541.61H01V	Biopsy Forceps Double Action Jaw 43cm	£450.00

Dissecting Forceps



Dissecting Forceps (Maryland) 531.40H01V

5 mm, 33cm, turned, insulated, rotatable, dismantable, consisting of: jaws insert (53 M 40), sheath (53 R 1) handle (H 01), colour code: black

DISSECTING FORCEPS

531.40H01V	Dissecting Forceps Maryland 33cm	£450.00
541.40H01V	Dissecting Forceps Maryland 43cm	£450.00

Grasping Forceps



Grasping Forceps 531.22H11V
5mm, 33cm, universal, insulated, rotatable, dismantable, consisting of: jaws insert (53 M 22), sheath (53 R 1) handle (H 11), colour code: black

GRASPING FORCEPS		
531.22H11V	Grasping Forceps 33cm	£465.00
541.22H11V	Grasping Forceps 43cm	£465.00

Claw Grasping Forceps



Claw Grasping Forceps 536.30H12V
5mm, 33cm, straight, metal, rigid, dismantable, consisting of: jaws insert (53 M 30), sheath (53 R 6) handle (H 12)

CLAW GRASPING FORCEPS		
536.30H12V	Claw Grasping Forceps 33cm	£465.00
546.30H12V	Claw Grasping Forceps 43cm	£465.00

10mm Instruments Complete

Scissors



Mayo Scissors, 141.11H05V,
10 mm, 45cm,insulated, rotatable, dismantable, consisting of: jaws insert (13 M 11), sheath (13 R 1) handle (H 05) colour code: white

SCISSORS		
141.11H05V	Mayo Scissors 45cm	£475.00

Dissecting Forceps (Overholt)



Dissecting Forceps, (Overholt), 141.48H11V
turned, 10mm, 45cm, insulated, rotatable, dismantable,consisting of: jaws insert (13 M 48), sheath (13 R 1) handle (H11) colour code: black

DISSECTING FORCEPS (OVERHOLT)		
141.48H11V	Dissecting Forceps (Overholt) 45cm	£495.00

Babcock Grasping Forceps



Babcock Grasping Forceps, 141.26H11V
10mm, 45cm, insulated, rotatable, dismantable, consisting of: jaws insert (13 M 26), sheath (13 R 1) handle (H 11) colour code: black

BABCOCK GRASPING FORCEPS		
141.26H11V	Babcock Grasping Forceps 45cm	£495.00

Universal Grasping Forceps



Universal Grasping Forceps, 141.25H11V
10mm, 45cm, insulated, double action jaws, rotatable, dismantable, consisting of: jaws insert (13 M 25), sheath (13 R 1) handle (H 1) colour code: black

UNIVERSAL GRASPING FORCEP		
141.25H11V	Universal Grasping Forceps 45cm	£495.00

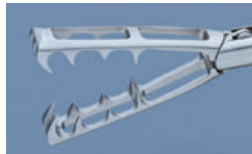
Atraumatic Grasping Forceps



Atraumatic Grasping Forceps, 141.49H11V
10mm, 45cm, insulated, rotatable, dismantable, consisting of: jaws insert (13 M 49), sheath (13 R 1) handle (H 11) color code: black

ATRAUMATIC GRASPING FORCEPS		
141.49H11V	Atraumatic Grasping Forceps 45cm	£495.00

Claw Grasping Forceps



Claw Grasping Forceps, 146.32H11V
10mm, 45cm, metal, double action jaws, rotatable, dismantable, consisting of: jaws insert (13 M 32), sheath (13 R 6) handle (H 11)

CLAW GRASPING FORCEPS		
146.32H11V	Claw Grasping Forceps 45cm	£500.00

Needleholders



NEEDLEHOLDERS		
L-19-581	TC Jaw Straight ID: 5mm Long Version, WL: 43cm Axial Handle LL Cleaning Connector	£755.00
L-19-583	TC Jaw Angled Upward ID: 5mm Long Version WL: 43cm Axial Handle LL Cleaning Connector	£755.00

Suction/ Irrigation Instrument



Available in both 5mm and 10mm diameters. 5mm has single channel whilst 10mm has 2 channels to separate suction and irrigation. Component and replacement parts available. Visit www.vetinst.com for details.

SUCTION/ IRRIGATION INSTRUMENT		
SM1-54RH98	Suction/ Irrigation Instrument ID:5mm WL: 37cm Metal Tube	£450.00
SK1-54RH98	Suction/ Irrigation Instrument ID:5mm WL: 37cm Isolated Tube	£450.00
S9-14T2RH98	Suction/ Irrigation Instrument ID:10mm WL: 37cm Olive Tip	£545.00
S9-14T4RH98	Suction/ Irrigation Instrument ID:10mm WL: 37cm Perforated Tip	£545.00

Special Devices



Please contact us for technical details/ specifications.

SPECIAL DEVICES		
H140-3S	Suction and Irrigation Pump - Complete with 2 x 1Litre Bottles - designed specifically for Gastroenterology	£1,695.00
H160-AB	Suction Pump Bottle with Lid - 1 Litre	£445.00
741-009V	CO2 Inflator DIN Gas Connection Type	£2,975.00

Large Animal Specialist products

Laparoscopic Set for repositioning and fixation of abomasal displacement in Cattle.

Dr. Fritz offers a new set for the correction of abomasal displacement in dairy cattle using a minimally invasive technique developed by Dr. Janowitz. This set allows the veterinary surgeon to use a quick and extremely safe technique with no medication requirements as well as quick recovery of the patient. The procedure can be carried out in the field. The equipment is easy to handle and to clean. At the heart of the set is a specially developed robust scope with a length designed specifically for this purpose.

Instruments are specifically designed for use in large animal field situations and stored in a practical transport case to guarantee a long life.

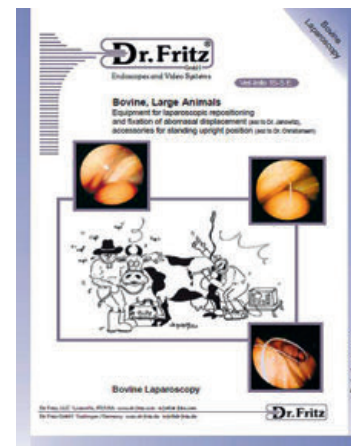
In research programs it emerged that the traditional toggle system often offered inadequate strength and resulted in either rupture of the suture material or breakage of the plastic toggle material. This has led to the development of a new safety toggle with a 90 cm long break safe double suture.

Set consists of:

- Wide Angled Telescope
- LED Battery Light Handle and Spare Bulb
- Suture Grasping Forceps, long
- Inflation and Puncture Needle
- Trochars and Trochar Cannulas
- Abomasal Puncture System
- Safety Toggle Pins (5 pcs)
- Christiansen's Spieker Insertion Tool and Trochar
- Sterilising and Storage Tray
- Inflation Pump
- Cleaning Brushes
- Transportation Case



A range of accessories have been also developed by Dr Christiansen to enable laparoscopic repositioning in a standing upright position.



For further information regarding the technique and detailed information about the set, please visit www.vetinst.com or request the Dr Fritz brochure on Bovine Laparoscopy. (Code: BRCOW)

BOVINE LAPAROSCOPIC SET		
BOVSET	Bovine Laparoscopic Set including Christiansen's Accessories for Upright Position	£6,025.00
BOVSETWO	Bovine Laparoscopic Set excluding Christiansen's Accessories for Upright Position	£5,025.00
BOV8652	Bovine Safety Toggle Pin Pack of 5	£45.00

RecSpec™

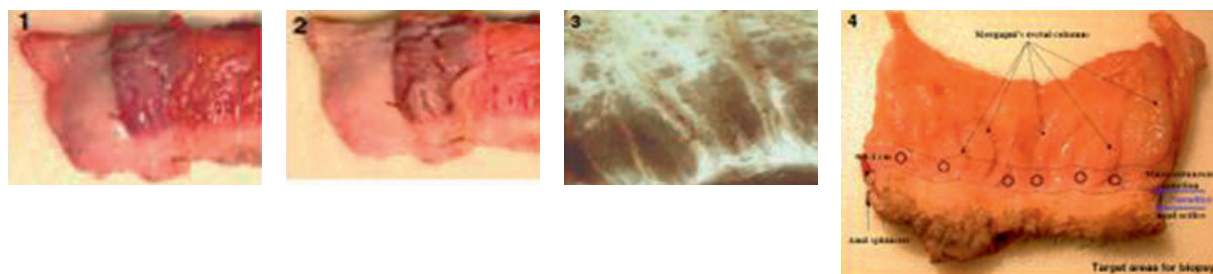
RAMALT (Recto-anal mucosa-associated lymphoid tissue) Speculum. www.ramalt.com

Eradication of TSE infections is a long standing goal for the UK policy on animal health and consumer protection. The national scrapie plan (NSP) aims to reduce the incidence of scrapie within the National Flock by breeding for genetic resistance to the disease. In addition, control of scrapie is facilitated by the elimination of clinical scrapie suspect cases and by management procedures directed to block or minimise transmission of the infection. Moreover, detection and subsequent removal of pre-clinical scrapie cases would help preventing the spread of the infection, both within and between flocks, and would facilitate epidemiological monitoring, if the technique(s) involved were suitable for high throughput sampling.

The tissue source should be both rich in disease-specific prion protein (PrPd) and accessible as a field biopsy. Two tissues amenable to biopsy are known to contain diagnostically useful amounts of the disease-specific prion protein (PrPd). However, both palatine tonsil and third eyelid biopsies are difficult to obtain, requiring total anaesthesia and experience to be performed accurately, and none of them are likely to have practical field application. A further source, the rectal mucosa at the recto-anal junction contains abundant lymphoid tissue (RAMALT) in an anatomically accessible site, and in preliminary studies carried out on clinically affected sheep, it has been shown that it is also strongly positive for PrPd. It is also easily sampled using simple biopsy instruments and does not require anaesthesia, being in principle suitable for large scale field studies. The technique is greatly simplified by use of a purpose designed speculum and a disposable scissor and forceps

Materials & Methods

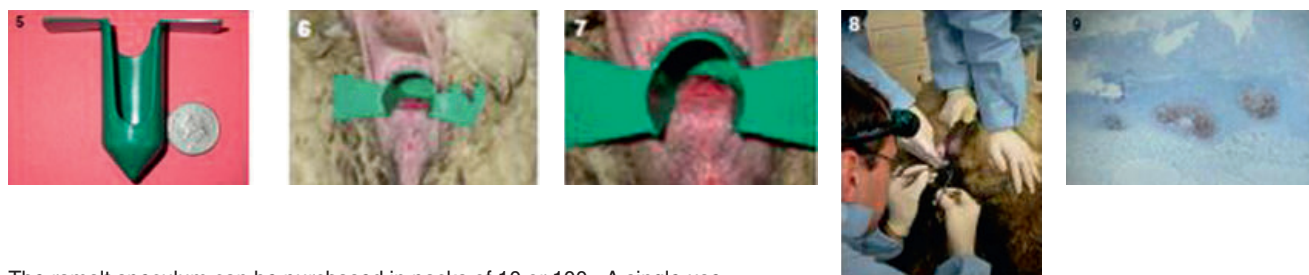
The RAMALT is located immediately beneath the last 1cm of rectal mucosa at the end of the alimentary tract. The lymphoid follicles are found in aggregates underneath the crypts of the rectal mucosa folds (Fig 1) and become more visible when treated with glacial acetic acid (Fig. 2) and trans-illuminated (Fig. 3). This information was vital for obtaining the correct material in biopsies from live animals (Fig. 4).



Biopsy Procedure in Live Animals

We have developed a biopsy procedure to obtain RAMALT tissue from live sheep including the design, manufacture and testing of a disposable speculum to gain access to the target 1cm² area of rectal mucosa (Fig. 5). The speculum is inserted in the anus after liberal application of analgesic cream which also doubles as a lubricant. The folds of the rectal mucosal are now easily identified (Figs. 6 & 7).

- A sample of RAMALT tissue is taken by picking up the base of a crypt with forceps and cutting off the resultant 'tent' of tissue with scissors (Fig. 8).
- This precise location of sampling ensures adequate RAMALT lymphoid follicles are present that is essential for the detection of scrapie¹.
- Biopsy sample fixed and processed, thin sections cut and mounted on glass slides. Tissue sections examined for the presence of the disease associated marker PrPd (Fig. 9)².
- Brown staining within the lymphoid follicles is a positive result for scrapie (Fig. 9). The same would apply for deer with CWD.



The ramalt speculum can be purchased in packs of 10 or 100. A single use disposable set of scissors and forceps are also available in 10's or 100's.

References and acknowledgements

1. L. González, M. Jeffrey, S. Sisó, S. Martin, S.J.Bellworthy, M. J.Stack, M.J. Chapman, L.Davis, M.P. Dagleish & H.W. Reid (2005) Diagnosis of preclinical scrapie in samples of rectal mucosa. *Veterinary Record* 156 (26), pp846-847.
2. Race R, Jenny A, Sutton D. (1998) Scrapie infectivity and proteinase K-resistant prion protein in sheep placenta, brain, spleen, and lymph node: implications for transmission and antemortem diagnosis. *J Infect Dis* 178, pp949-953.

This project was funded by the UK Department of Environment, Food and Rural Affairs (DEFRA) (Project SE1788) and performed in collaboration with the Veterinary Laboratories Agency

RECSPEC		
MRSPEC	RecSpec™ Pack of 10	£12.50
MRSPEC100	RecSpec™ Pack of 100	£95.00
MORKIT	Disposable Scissor/ Forceps Pack of 10	£17.50
MORKIT100	Disposable Scissor/ Forceps Pack of 100	£150.00

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Deliveries

TIMED DELIVERIES

In stock items will be despatched as soon as practicable.

NB: Urgent items may be despatched on the day of ordering, provided we receive the order BEFORE 3.30PM (and the stock is available). Please state clearly that the order is urgent and advise your preferred method of delivery.

Please note that the only certain way to obtain the goods when you want them is to collect them yourself! All delivery systems can fail. All we can do is to despatch according to your instructions. Veterinary Instrumentation staff are happy to help trace wayward deliveries but please do not give them a hard time when the problem is outside their control.

STANDARD DELIVERY

Prices include first class mail postage and packing to UK addresses (unless otherwise stated).

COURIER DELIVERIES

Delivery next day (up to 6pm weekdays) to England & Lowland Scotland – price depends on weight and destination

Cost: from £6.50 + VAT.

TIMED DELIVERIES

Delivery next day (weekdays only) to England & Lowland Scotland – price depends on weight and area

Cost: from £15.00 + VAT.

SATURDAY DELIVERIES AND OTHER AREAS

Cost and availability upon application.

RETURNS POLICY

Any returns should be within 7 days of delivery and should be in perfect original condition. Details of the invoice or delivery note should be included with any return.

Abuse of our sale or return policy may result in a restocking charge. The restocking charge may also be levied for late returns.

Non stock items or specials made to customer specifications may not be returned.

PAYMENT TERMS

Payment is due strictly on or before the last day of the month following the date of the company's invoice. Accounts with more than 60 days debt may be stopped. All payments to be made in sterling (£).

VAT

All prices are shown without VAT.

VAT will be added to the invoice where appropriate.

Terms & Conditions

VETERINARY INSTRUMENTATION LTD TERMS AND CONDITIONS OF TRADE

1. Definitions

1.1 'Company' means Veterinary Instrumentation Ltd.

1.2 'Customer' means the veterinary practice or any person to whom the Company has agreed to supply goods.

1.3 'Goods' means the products which the Company is to supply to the customer in accordance with these conditions.

1.4 'Writing' includes telex, cable, facsimile transmission, e-mail or similar means of communication.

2. Breakages and Shortages

In the case of obvious shortages or suspected damage to deliveries of goods, the driver's delivery note must be signed accordingly by the person accepting the delivery on behalf of the customer. All claims for broken or missing goods should be reported to the Company no later than three days from the date of delivery. Where independent transport is used failure to sign or indicate on delivery notes any shortage and/or damage will invalidate the Company's claim against the carrier involved and therefore the customer's claim against the Company.

3. Returned Goods Policy

3.1 Under normal circumstances, goods will not be accepted for return for credit other than for the following reasons:

- a) To correct a Company delivery or order error.
- b) In response to a recall instigated by a manufacturer.
- c) Where the products or packages are alleged to have been faulty, damaged or tampered with prior to delivery.
- d) Where the products have been offered on a pre-arranged 'sale or return' basis.
- e) Where the Company agrees, in advance of their return, to accept goods not covered by any of the above criteria.

3.2 Goods Returned to Correct a Company Error:

- a) The goods must be returned within 7 working days of receipt. Goods requiring temperature-controlled storage must be notified to the Company no later than the next working day and must have been stored in accordance with the manufacturer's recommendations whilst on the customer's premises. Goods must be adequately packaged to ensure that no damage is caused during their return to the Company.
- b) All returned goods must be in perfect original condition; not marked in any way; should not show any evidence of being tampered with.
- c) To be considered for return for credit, the goods must be accompanied by a copy of the original invoice or delivery note, or the number of the specific invoice on which the goods were supplied, together with a reason for their return. If this information is missing, there will be a delay in issuing a credit.

3.3 Returns where the products or packages are alleged to have been faulty, damaged or tampered with prior to delivery:

- a) Details of the fault or damage should be notified to the Company as soon as possible in order that the manufacturer can be alerted if appropriate.
- b) Goods must be packed separately and accompanied by a copy of the invoice or delivery note (as in 3.2(c)).

3.4 Where the Company agrees to accept the return of goods not covered by any of the criteria recited in clauses 3.2 - 3.4. Goods will only be accepted by prior agreement with the Company and must be accompanied all the information detailed in 3.2(c) in addition to the name of the person who has authorised the return.

Please note: Goods returned under this category may be subject to a handling charge.

3.5 Goods Returned to Stock

Goods returned by customers for any of the above reasons will only be considered for credit if:

- a) It is known that they have been stored in accordance with the manufacturers recommendations.
- b) They have been assessed and accepted by a person authorised by the Company so to do. The assessment will take into account the nature of the product, any special storage conditions required and the time elapsed since the goods were supplied.

3.6 Special Orders

These products will not be accepted for return or credit unless supplied as a result of a Company error. In such cases, the product must be returned within 7 working days of receipt.

3.7 Packaging

All returned goods must be securely packaged to prevent damage during the return journey.

3.8 Date Expired Goods Date Expired Goods will only be accepted for credit in accordance with the terms laid down by the manufacturer concerned.

4. Price of Goods

Goods will be invoiced at the prevailing price at the date of despatch to the customer. The price of goods shall be subject to alteration by the Company without prior notice to the customer. The price is exclusive of any Value Added Tax for which the customer shall be additionally liable to pay the Company.

5. Terms of Payment

5.1 The customer shall pay the amount of the invoice on or before the last day of the month following the date of the Company's invoice unless otherwise agreed in writing by the Company. If the customer fails to pay on the due date, the Company reserves the right to:

- a) Suspend any further deliveries to the customer.
- b) Appropriate any payment raised by the customer to such of any other invoices raised by the Company for goods supplied to the customer as the Company may think fit, notwithstanding any purported appropriation by the customer and:
- c) Charge the customer interest (both before and after any judgement) on amounts unpaid at the rate of 2.5% per month until payment is made in full. Notice of interest charges will be served in writing on the customer.

6. Delivery

Any dates/times quoted for delivery of the goods are to be treated as estimates only and the Company shall not be liable for any loss, injury, damage or expense arising from delay in delivery of the goods howsoever caused.

7. Force Majeure

The Company shall not be liable to the customer or be deemed to be in breach of the Contract by reason of any delay in performing, or any failure to perform, any of the Company's obligations in relation to the Goods, if the delay or failure was due to any cause beyond the Company's reasonable control. Without prejudice to the generality of the foregoing, the following shall be regarded as causes beyond the Company's reasonable control:

- a) Act of God, explosion, flood, tempest, fire or accident;

- b) Strikes, lock-outs or other industrial actions or trade disputes (whether involving employees of the Company or third parties);
- c) War or threat of war, sabotage, insurrection, civil disturbance or requisition;
- d) Import or export regulations or embargos;
- e) Difficulties in obtaining raw materials, labour, fuel, parts or machinery;
- f) Power failure or breakdown in machinery.

8. Liability

Goods are sold on the understanding that the customer is solely responsible for determining the suitability of the goods for the purposes for which the customer intends to use them. Accordingly the Company's liability for any loss or damage suffered by the customer and arising by defects in the goods, shall be limited to the invoice price of the goods in respect of or in relation to which loss or damages is claimed. The Company will not accept under any circumstances liability for consequential loss, damage or loss of profits arising from the use of the goods, service, information and advice.

9. Title and Risk

Unless otherwise agreed in writing between the parties prior to delivery, the title to the goods shall not be transferred to the customer until the full purchase price has been paid to the Company. The risk of loss or damage to the goods shall pass to the customer on the date that the goods are received and accepted by the customer.

10. Insolvency

10.1 This clause applies if:

- a) The customer makes any voluntary arrangement with its creditors or becomes subject to an administration order or (being an individual or firm) becomes bankrupt or (being a company) goes into liquidation (otherwise than for the purpose of a solvent amalgamation or reconstruction);
- b) An encumbrancer takes possession, or a receiver is appointed, over any of the property or assets of the customer;
- c) The customer ceases, or threatens to cease, to carry on business;
- d) The Company reasonably apprehends that any of the events mentioned above is about to occur in relation to the customer and notifies the customer accordingly.

10.2 If this clause applies then, without prejudice to any other right or remedy available to the Company, the Company shall be entitled to cancel the Contract or suspend any further deliveries under the Contract without liability to the customer. If the Goods have been delivered but not paid for, the price shall become immediately due and payable notwithstanding any previous agreement or arrangement to the contrary.

11. Indemnity

The customer agrees to indemnify the Company against all loss, damage, costs, legal costs and professional and other expenses of any nature whatsoever incurred or suffered by the Company or by a third party as a result of the use of the Goods, the breach of any legislation relating to the use of the Goods or as a result of any breach of the Contract by the customer.

12. Jurisdiction

These conditions shall be construed in accordance with and governed by English Law. Each of the parties irrevocably submits for all purposes in connection with the Conditions to the exclusive jurisdiction of the Courts of England.

Distributors Worldwide



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