OPHTHALMOLOGY

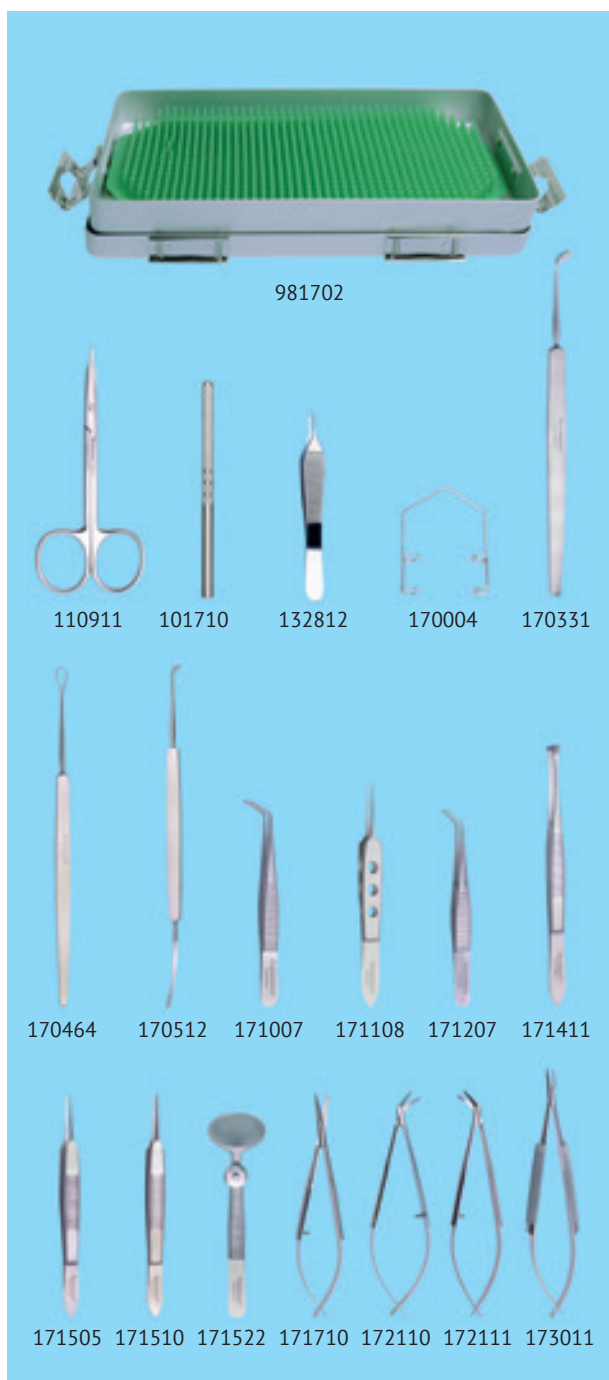110811   170009   171411   170810   173011
171522   170610

Ophthalmic Surgery Instrument Set - Basic

This instrument set provides a good foundation of equipment for veterinary ophthalmic diagnostics, therapeutics and procedures.

Article		Form
981704	Ophthalmic Surgery Instrument Set - Basic	
101780	Size 15 Guarded Scalpels	
170009	Graefe Eyelid Retractor	
171411	Graefe Fixation Forceps with Pin	
171522	Desmarres Chalazion Forceps - Size 2	
110811	Stevens Tenotomy Scissors - Fine	straight
170810	Graefe Iris Forceps - 1 x 2 Teeth	straight
170610	Graefe Iris Forceps	straight
173011	Barraquer Needle Holder	curved

981702

110911   101710   132812   170004   170331

170464   170512   171007   171108   171207   171411

171505 171510 171522 171710 172110 172111 173011

Ophthalmic Surgery Instrument Set - Advanced

The ocular region is one of the most important and delicate areas of anatomy. This region's fragile nature requires distinctive instruments to help surgically manage encountered abnormalities. This surgical instrument set provides all the necessary equipment for the veterinary surgeon to tackle entropion, eyelid reconstruction, corneal pedicle graft, etc.

Article		Form
173020	Ophthalmic Surgery Instrument Set - Advanced	
981702	Autoclavable Storage Case - Silver • Dimensions: 290 x 135 x 40 mm (L x W x H)	
981703	Fingered Silicone Insert - 275 x 125 mm (L x W)	
170512	Castroviejo Cyclodialysis Spatula - Dual-ended	
170331	Kunht Corneal Scraper	
170464	Weber Wire Loop	
101710	Beaver Scalpel Handle	
132912	Adson-Brown Tissue Forceps - Delicate - 7 x 7 Teeth	
171108	Bishop-Harmon Iris Forceps	
171505	0.5 mm Castroviejo Suture Forceps	
171207	Fuchs Capsule Forceps	
171411	Graefe Fixation Forceps with Pin	
171007	Hess (Colibri) Iris Forceps	
171522	Desmarres Chalazion Forceps - Size 2	
171510	Tuebingen Suture Forceps	
170004	Barraquer Speculum	
172111	Castroviejo Corneal Scissors	curved - right
172110	Castroviejo Corneal Scissors	curved - left
171710	Castroviejo Iridectomy Scissors - Sharp Tips	curved
110911	Stevens Tenotomy Scissors - Fine	curved
173011	Barraquer Needle Holder	curved

Eickemeyer

Iris Scissors

• Ideal for general ophthalmic surgery
• Delicate cutting for precision work

Article		Length mm	Form
110609	Iris Scissors	90	straight
110709	Iris Scissors	90	curved
110611	Iris Scissors	110	straight
110711	Iris Scissors	110	curved
110011	Iris Scissors (TC)	115	straight
110111	Iris Scissors (TC)	115	curved

110609
110011
110611

Stevens Tenotomy Scissors

• Designed with a long shank to blade ratio, which helps provide a steady grip while maintaining greater precision cutting
• Very useful in small confined areas

Article		Length mm	Form
110811	Stevens Tenotomy Scissors - Fine	110	straight
110911	Stevens Tenotomy Scissors - Fine	110	curved
111012	Stevens Tenotomy Scissors • blunt / blunt	115	straight
111011	Stevens Tenotomy Scissors • blunt / sharp	115	straight

111011
110811
111012

Strabismus Scissors

Designed with a long shank to blade ratio, which helps provide a steady grip while maintaining greater precision cutting. Very useful for dissecting tissue in and around the orbit.
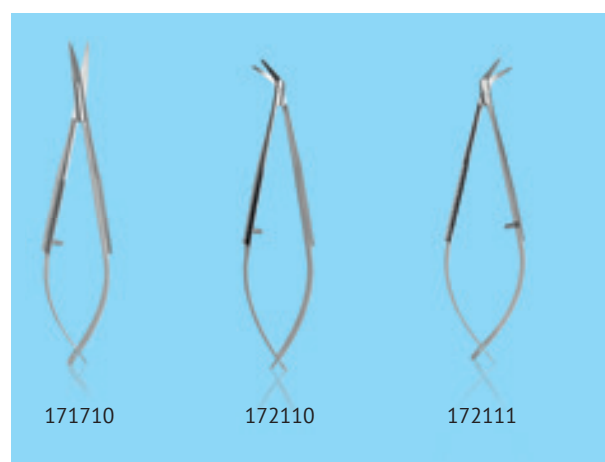
Article		Length mm	Form
118011	Strabismus Scissor	115	straight
118111	Strabismus Scissor	115	curved
116011	Strabismus Scissor (TC)	115	straight
116111	Strabismus Scissor (TC)	115	curved

118011

Castroviejo Scissors

Designed with fine tips and a double leaf spring mechanism for self-opening action. The ridged handle and guide pin enhances instrument control.

Article		Length mm	Form
171710	Castroviejo Iridectomy Scissors - Sharp Tips	100	curved
172111	Castroviejo Corneal Scissors	100	curved - right
172110	Castroviejo Corneal Scissors	100	curved - left

171710
172110
172111

172208

Vannas Cataract Scissors

Designed with extra thin angled blades and a double leaf spring mechanism for self-opening action. The ridged handle enhances instrument control.

Article		Length mm	Form
172208	Vannas Cataract Scissors	85	curved

171309

Arruga Capsule Forceps

Designed with down curving tips at a 45 degree angle and ridged linear grip to enhance instrument handling.

Article		Length mm
171309	Arruga Capsule Forceps	100

171307

Gill-Arruga Capsule Forceps

Designed with a fine down curving pointed tip and ridged linear grip for a comfortable grip. This instrument is suitable for the handling of delicate ocular tissues.

Article		Length mm
171307	Gill-Arruga Capsule Forceps	75

171207

Fuchs Capsule Forceps

Opposing surfaces are designed with fine longitudinal teeth and down curving tips.

Article		Length mm
171207	Fuchs Capsule Forceps	70

Hess Capsule Forceps

Opposing surfaces have a row of fine teeth with fine double curving pointed tips and ridged handles to enhance grip.

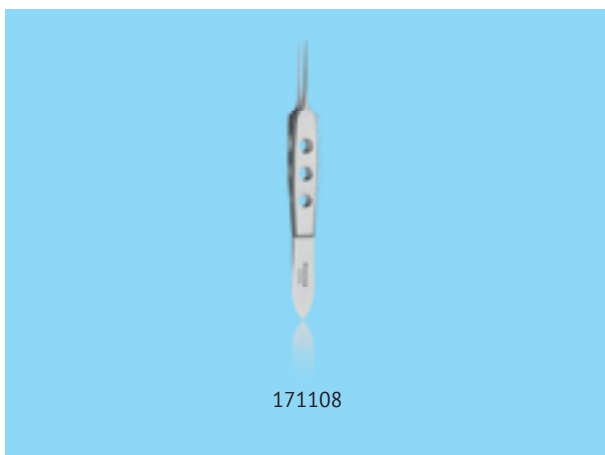| Article		Length mm
171306	Hess Capsule Forceps	65

171306

Bishop-Harmon Iris Forceps

Designed with 1 x 2 sharp and delicate teeth to handle eye tissues. The flat, straight, smooth, handles with 3 holes provide extra grip.

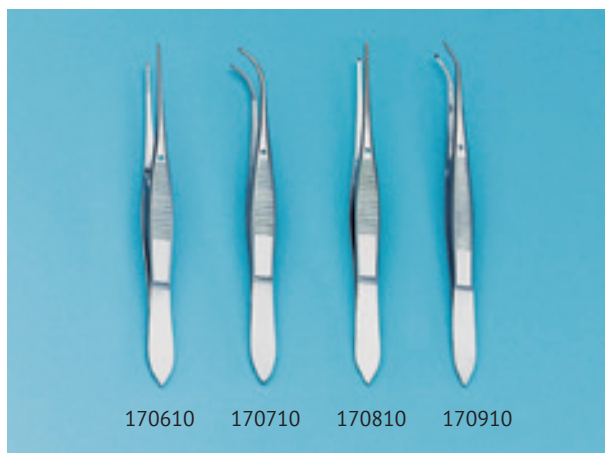| Article		Length mm
171108	Bishop-Harmon Iris Forceps	85

171108

Graefe Iris Forceps

Designed with a ridged handle and guide pins for excellent instrument grip / control.

Article		Length mm	Form
170610	Graefe Iris Forceps	100	straight
170710	Graefe Iris Forceps	100	curved
170810	Graefe Iris Forceps - 1 x 2 Teeth	100	straight
170910	Graefe Iris Forceps - 1 x 2 Teeth	100	curved

170610   170710   170810   170910

Hess (Colibri) Iris Forceps

Designed with 1 x 2 fine teeth for holding flaps of cornea or sclera and a ridged handle for improved instrument handling.

Article		Length mm
171007	Hess (Colibri) Iris Forceps	70

171007

Barraquer Forceps

Designed with ridged, long, straight and flat handles that contain a long single hole.

- Tip width: 0.5 mm
- Tip curve: 45°
- Teeth

Article		Length mm
171105	Barraquer Forceps	70

171105

Barraquer-Katzin (Colibri) Forceps

Designed with ridged, straight and flat handles to enhance instrument grip.

- Tip width: 0.12 mm
- Tip angle: 90°
- Teeth

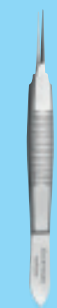| Article		Length mm
171107	Barraquer-Katzin (Colibri) Forceps	70

171107

Castroviejo Suture Forceps

Designed with straight shaft tips with extremely delicate teeth and a 5.5 mm tying platform.

Article		Length mm
171503	0.3 mm Castroviejo Suture Forceps	100
171505	0.5 mm Castroviejo Suture Forceps	100

171503

Tuebingen Suture Forceps

Designed with straight shaft tips with extremely delicate teeth and a 6.5 mm tying platform.

Article		Length mm
171510	Tuebingen Suture Forceps	100

171510

Barraquer Needle Holder

Designed with round knurled ridged handles without a locking mechanism. Ideal for fine suturing in the anterior chamber.

Article		Length mm	Form
173011	Barraquer Needle Holder	110	curved
173012	Barraquer Needle Holder	130	curved

173011

Barraquer-Troutman Needle Holder

Designed with round knurled ridged handles with an automatic locking mechanism. Ideal for fine suturing in the anterior chamber.

Article		Length mm	Form
173010	Barraquer-Troutman Needle Holder	100	curved

173010

Boynton Needle Holders (TC)

Designed with serrated jaws to firmly hold needles and a single spring mechanism for self-opening action.

Article		Length mm
173112	Boynton Needle Holder (TC)	120

173112

Castroviejo Needle Holders

Designed with a double leaf spring mechanism for self-opening action and a locking mechanism to maintain a secure grip on suture needles. The ridged handles help enhance instrument grip and control.

Article		Length mm	Form
172414	Castroviejo Needle Holder	140	straight
172514	Castroviejo Needle Holder	140	curved

172414

170309

Douglas Cilia Forceps

Designed with fine horizontal serrations which can help correct abnormal growth of lashes from the posterior lamella (e.g. distichiasis).

Article		Length mm
170309	Douglas Cilia Forceps	90

170310

Gradle Cilia Forceps

- Suitable for correcting abnormal growth of lashes from the posterior lamella (e.g. distichiasis)
- Designed with a smooth, squared off positive gripping jaws and a double leaf spring mechanism for self-opening action

Article		Length mm
170310	Gradle Cilia Forceps	95

171411   171412

Graefe Fixation Forceps

Jaws are designed with straight serrated teeth to provide a firm grip on eyelashes.

Article		Length mm
171411	Graefe Fixation Forceps with Pin	110
171412	Graefe Fixation Forceps with Lock	110

171522

Desmarres Chalazion Forceps

- Designed with a solid lower plate and an open upper plate
- Handle is ridged with a locking thumb screw

Article		Length mm
171522	Desmarres Chalazion Forceps - Size 2	90

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Knapp Conjunctiva Forceps

Thumb forceps with a grooved handle and large apertures to help grasp the conjunctiva.

Article		Length mm
171611	Knapp Conjunctiva Forceps	110

171611

Stades Nicitating Forceps

Thumb forceps with two locking mechanisms designed specifically for third eyelid surgery. The lower plate is solid and the upper plate is semi-curved.

Article		Length mm
171609	Stades Nicitating Forceps	95

171609

Castroviejo Cyclodialysis Spatula

Designed with a smooth, straight, flat, delicate handle and dual-ended delicate sharp tips.

Article	
170512	Castroviejo Cyclodialysis Spatula - Dual-ended

170512

Kuhnt Corneal Scraper

Designed with a delicate sharp tip at a 45 degree angle on a flat handle.

Article	
170331	Kuhnt Corneal Scraper

170331

170440

Graefe Iris Hook

Designed with a sharp hook and a polished flat handle.

Article	
170440	Graefe Iris Hook

170420

Meyhoefer Chalazion Curette

Designed with a sharp ended curette and a straight, flat, delicate handle.

Article	
170420	2.0 mm Meyhoefer Chalazion Curette
170425	2.5 mm Meyhoefer Chalazion Curette

170221   170222   170223   170224

Graenitz Eyelid Spatula

Designed to help protect the delicate structures of the eyelid during incision.

Article		Length mm
170221	10 mm Graenitz Eyelid Spatula - Size 1	77
170222	16 mm Graenitz Eyelid Spatula - Size 2	77
170223	22 mm Graenitz Eyelid Spatula - Size 3	77
170224	25 mm Graenitz Eyelid Spatula - Size 4	77

170004

Barraquer Speculum

Wire speculum designed with fenestrated blades to help keep the eyelids retracted.

Article		Length mm
170004	Barraquer Speculum	40

Castroviejo Speculum

• Designed with straight adjustable arms and open blades
• Locking mechanism allows for fine control

Article		Length mm
170008	Castroviejo Speculum	80

170008

Graefe Eyelid Retractor

Wire retractor with a fine control mechanism to minimise friction.

Article		Length mm
170009	Graefe Eyelid Retractor	90

170009

Desmarres Retractors

Designed with a smooth curved blunt blade to help manually retract the eyelid.

Article		Length mm
170114	Desmarres Retractor - Size 2	140
170116	Desmarres Retractor - Size 3	160

170114

Knolle-Pearce Irrigating Vectis

Designed to gently remove the nucleus by using mechanical and hydrostatic forces.

Article	
441120	Knolle-Pearce Irrigating Vectis

441120

170464

Weber Wire Loop

Designed with a delicate, long loop on a straight, flat handle.

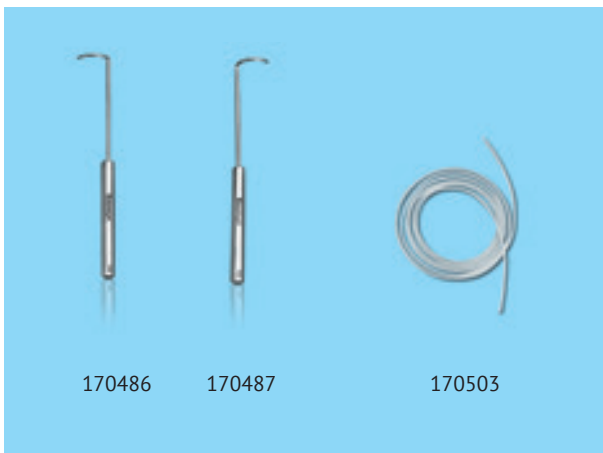| Article	
170464	Weber Wire Loop

170470

Bowman Lacrimal Probe

Helps to determine the functional status of the lacrimal drainage system. Can also be used to help perform a dacryocystorhinostomy.

Article		Length mm
170470	Bowman Lacrimal Probe - Size 0/00	130

170486   170487   170503

Kellnar Lacrimal Dilators and Tubes

- Helps to determine the functional status of the lacrimal drainage system
- Silicone tubing can be used to irrigate and aspirate with the dilator

Article		Length mm
170486	Kellnar Lacrimal Dilator - Left	85
170487	Kellnar Lacrimal Dilator - Right	85
170490	Kellnar Lacrimal Dilator - Dual-ended	140
170503	Kellnar Probe Silicone Tube, OD 0.6 mm	1000
170505	Kellnar Probe Silicone Tube, OD 0.9 mm	1000
170507	Kellnar Probe Silicone Tube, OD 1.6 mm	1000

170481

Wilder Lacrimal Dilators

Designed with a tapered blunt tip and a round knurled handle.

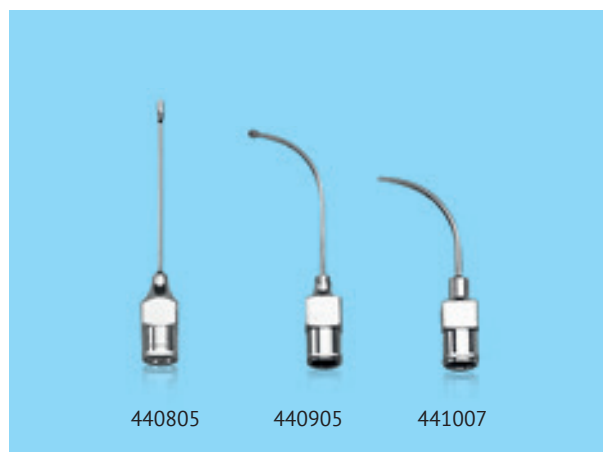| Article		Length mm
170481	Wilder Lacrimal Dilator - Size 1	110
170482	Wilder Lacrimal Dilator - Size 2	110
170483	Wilder Lacrimal Dilator - Size 3	110

Anel Lacrimal Cannulae

Designed to irrigate and aspirate purulent debris from the nasolacrimal duct.

Article		Length mm	Form
440605	Anel Lacrimal Cannula	15	straight
440705	Anel Lacrimal Cannula - 90°	15	curved

440605   440705

Lacrimal Duct Cannulae

• Suitable for flushing purulent debris through the nasolacrimal duct
• Luer hub connection

Article		Length mm	Form
441007	Lacrimal Duct Cannula	25	curved
440805	Lacrimal Duct Cannula - Olive Tip	30	straight
440905	Lacrimal Duct Cannula - Olive Tip	33	curved

440805   440905   441007

Bonn Irrigating Cannulae

Designed with a blunt angled tip which is suitable for flushing or aspirating the nasolacrimal duct.

Article	
441100	Bonn Irrigating Cannula
441101	Bonn Irrigating Cannula - Slim

441100

A partner for your
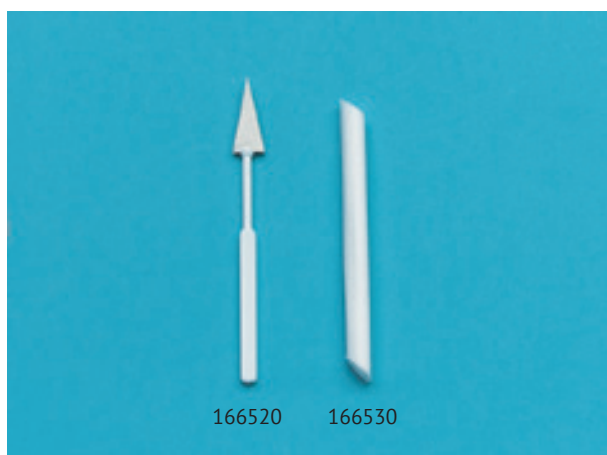**long-term success**

Eickemeyer

173518

173500

Intraocular Silicone Prosthesis

- Constructed from black silicone with low immunoreactive characteristics
- Helps improve cosmetic results post enucleation
- Range of sizes available

Article		Ø mm
173500	Eye Implant Introducer	
173514	Silicone Prosthesis	14
173515	Silicone Prosthesis	15
173516	Silicone Prosthesis	16
173517	Silicone Prosthesis	17
173518	Silicone Prosthesis	18
173519	Silicone Prosthesis	19
173520	Silicone Prosthesis	20
173522	Silicone Prosthesis	22
173523	Silicone Prosthesis	23
173524	Silicone Prosthesis	24
173526	Silicone Prosthesis	26
173528	Silicone Prosthesis	28
1735290030	Silicone Prosthesis	30
1735290033	Silicone Prosthesis	33
1735290036	Silicone Prosthesis	36
1735290038	Silicone Prosthesis	38
1735290040	Silicone Prosthesis	40
1735290043	Silicone Prosthesis	43
1735290045	Silicone Prosthesis	45
1735290047	Silicone Prosthesis	47
1735290050	Silicone Prosthesis	50
1735290052	Silicone Prosthesis	52
1735290055	Silicone Prosthesis	55
1735290060	Silicone Prosthesis	60

166520   166530

Sugi Swabs

- Sugi absorbent materials are especially suitable for dabbing those areas where special care must be taken (e.g. neural structures and ophthalmic tissue)
- Sugi absorbent materials are manufactured from cellulose material
- The material undergoes soft/elastic expansion immediately upon contacting moisture
- The absorptive capacity is approximately 17 times its own weight

Article		Length mm
166520	7 mm Sugi Swab - Wedge Tip • 200 per pack	70
166530	4 mm Sugi Swab - Cylindrical • 500 per pack	70

Eickemeyer

Quality equipment for your practice

AlgerBrush II

The AlgerBrush II is a battery powered, handheld, low torque motorised burr. It has been designed to remove foreign bodies from the cornea or sclera of patients. The burr in this rotary instrument is used as a "brush" rather than a drill and the foreign bodies are thus "brushed" from the eye leaving a smooth surface, which in turn heals much faster than with other instruments that could be used for this purpose.

AlgerBrush II Unit includes 3.5 mm Round Medium Grit Diamond Burr.

*According to a recent paper (Veterinary Ophthalmology (2013) 16, 2, 83-88), it has been successfully used to treat spontaneous corneal epithelial defects (SCCEDs) in dogs in combination with a bandage contact lens.

Article	
170010	AlgerBrush II Unit
170011	AlgerBrush II Corneal Burr - 3.5 mm • Chuck attachment included
170012	AlgerBrush II Corneal Burrs - 1 mm • 5 per pack

170010

Cryoalfa Cryosurgery Pen

• Pen-like device working with nitrous oxide on the basis of expansion cooling to reach a temperature of -89° C
• Ideal for ophthalmological or dermatological treatments
• Special cartridge valve prevents gas loss

Article	
173442	Cryoalfa Pen • Includes N_2O cartridge
173444	Cryoalfa N_2O Spare Cartridge

173442

Cryo-Vet Cryosurgery

The Cryo-Vet system has been developed for all veterinary applications. It uses the Joule Thompson principle; pressurised gas (N_2O) expands through a fine orifice producing a rapid drop in temperature and freezing the probe tip and surrounding tissue. By pressing the footswitch the freezing cycle is started and in 5 seconds the minimum freezing temperature of -80° C (-176° F) is achieved. After release of the footswitch the freezing cycle automatically stops and the defrost cycle starts defrosting the cryoprobe within 2 seconds (non electric). The Cryo-Vet unit is easy to use, maintenance free and the probes can be autoclaved (134°C).

Cryo-Vet Cryosurgical System Includes:
• Hose, N_2O gas adaptor, footswitch and reconditioned glaucoma probe

Article		Form
173450	Cryo-Vet Cryosurgical System • Includes: hose, N_2O gas adaptor, reconditioned glaucoma probe	
173455	Cryo-Vet Cryosurgery Probe • Reconditioned	
17345001	2.0 mm Cataract Probe - Straight • Reconditioned	straight
17345002	2.0 mm Cataract Probe - Curved • Reconditioned	curved

173450

328140

Operating Microscope

The ergonomic position of the controls allows a comfortable posture when operating for long periods

Features:
- 5 magnification steps: 3.6x / 5.4x / 8.9x / 14.2x / 22.3x
- Visual field 56 - 9 mm
- Micro-focusing 40 mm, motorised pedal controlled
- Light source delivers bright light, 150 W
- Mobile floor stand with 4 lockable castors, providing excellent mobility
- Tilt-resistant, heavy floor stand with locking castors
- Optional: tube for connection of CCD cameras
- Spare bulbs (see end of catalogue)

Article	
328140	Operating Microscope

328120

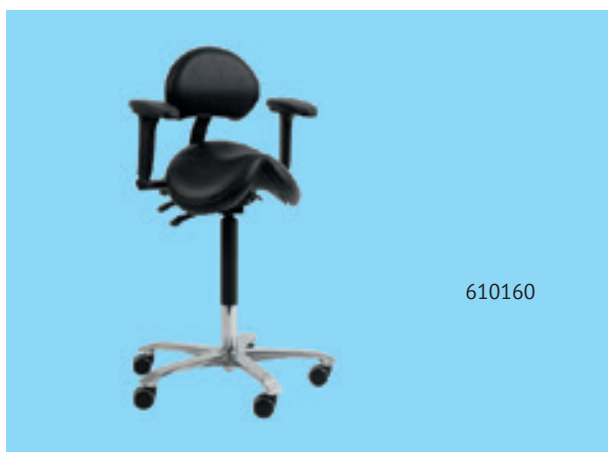## Zeiss OPMI® pico I Operating Microscope

OPMI® pico I is a compact and easy to use surgical microscope that is well equipped to optimise the quality of ophthalmic examinations and surgical procedures in today's practice. The 5 step magnification, fine focusing objective lens and apochromatic magnification changer all allow superior enhancement of your image to reveal even the finest of structures with amazing clarity.

Features:
- Magnification: 5 Step, apochromatic magnification changer - 0.4 / 0.6 / 1.0 / 1.6 / 2.5
- Fine focusing objective lens - 200 mm
- Widefield inclined tube: 45°
- Fibre optic illumination with 12V 100W halogen reflector bulb
- Option to have built in video camera

Article	
328120	Zeiss OPMI® pico I Operating Microscope

610160

Barrage Saddle Chair

- Easy to wash synthetic leather cover
- Seat and backrest upholstered black
- Smooth double castors
- Adjustable height: 52 - 72 cm

Article	
610160	Barrage Saddle Chair
610161	Barrage Saddle Chair Armrest • Pair

MaxVision Loupe

The inexpensive magnifying glasses for demanding detailed work providing 2-fold magnification

Features:
• Large diopter adjustment (+ / - 3 diopters)
• Working distance: 40 cm
• Excellent image quality through large focal area
• Suitable for spectacle wearers
• Weight: 40 g

Article	
310600	MaxVision Loupe

310600

Surgical Loupes

Features:
• 4-fold magnification
• Large field of view: 35 mm
• Working distance 250 mm

Article	
310704	Surgical Loupes

310704

Keeler Standard Loupes

• Magnification allows you to provide the best possible treatment for your patients as well as improving posture and reducing eye strain
• Keeler loupes are ideal for general surgical work when increased magnification and a large field of view are required
• Fixed working distance and superior depth of focus means improved posture with no need for stooping
• Stylish Sport Frame

Features:
• Magnification: 2.5x (other magnifications on request)
• Working Distance: 42 cm (other working distances on request)

Article	
310800	Keeler Standard Loupes
310801	Keeler Sport Frame - Black
310803	Keeler Sport Frame - Blue
310802	Keeler Sport Frame - Sky Blue
310805	Keeler Sport Frame - Pink
310804	Keeler Sport Frame - Red

310800

Keeler K-LED II Loupe Light System

The LED illumination gives 34000 lux of homogenous white light, ideal for both surgical and dental use, while coaxial illumination ensures shadow free viewing. Power is provided by a Lithium-ion battery which will give up to 4 hours continuous before a recharge is required.

Article	
310806	Keeler K-LED II Loupe Light System

310806

310501   310503   310506

HEINE Binocular Loupes

Four simple steps to select your HEINE binocular loupe

1. Select the lowest magnification that will meet your needs.
The lower the magnification, the larger the field of view, and the easier the loupe will be to use. HEINE offers loupes with 2.5x, 3.5x, 4x and 6x magnification.

2. Determine your working distance
Determining your working distance will automatically determine your field of view. To determine your working distance, assume a comfortable, posture-correct position for the intended loupe application and determine the distance between your eyes and your working area. You can choose between two working distances: 34 and 42 cm

HEINE HR-C Binocular Loupes
The HEINE HR-C Binocular Loupes provide multi-coated optics for crisp, bright images. Featuring a rigid loupe mount, the left and right optics can be independently adjusted to ensure perfect pupil distant adjustment. HEINE HR-C binocular loupes are super-compact and lightweight, weighing only 17 g, and benefit from being water-resistant.

- Magnification: 2.5x
- Working Distance: 34 and 42 cm
- Mounting Options: S-FRAME and Lightweight Headband

HEINE HR Loupes
HEINE HR High Resolution Binocular Loupes provide chromatic optics for crisp, bright images with colour-correction. The i-View loupe mount provides any angle of view and flips up the optics independently of the optional LED LoupeLight. HEINE HR Loupes are lightweight, water-resistant and offer high magnification with a large field of view and excellent depth of field.

- Magnification: 2.5x
- Working Distance: 34 and 42 cm
- Mounting Options: S-FRAME and Professional Headband

HEINE HRP Loupes
HRP High Resolution Binocular Loupes of 3.5x magnification or higher offer all the features of the HEINE HR loupes and are recommended for fine surgical procedures where high magnification is necessary. HRP loupes have been designed to provide the largest field of view and best depth of field possible for each magnification.

- Magnification: 3.5x, 4x and 6x
- Working Distance: 34 and 42 cm
- Mounting Options: S-FRAME and Professional Headband

3. Select your preferred mounting option: Spectacle Frame or Headband
All options offer the user flexibility and adaptability for precise optical position, alignment and performance:

HEINE S-FRAME
- Suitable for HR-C, HR and HRP Loupes
- Maximum comfort with a modern, ergonomic design
- Innovative, light materials - weighs only 24 g

HEINE Lightweight Headband
- Suitable for HR-C Loupes
- Soft rubber headband for maximum comfort
- Optics can be combined with glasses

HEINE Professional Headband
- Suitable for HR-C, HR and HRP Loupes.
- Adjustable for height and width with comfortable head cushions
- Optics can be combined with glasses

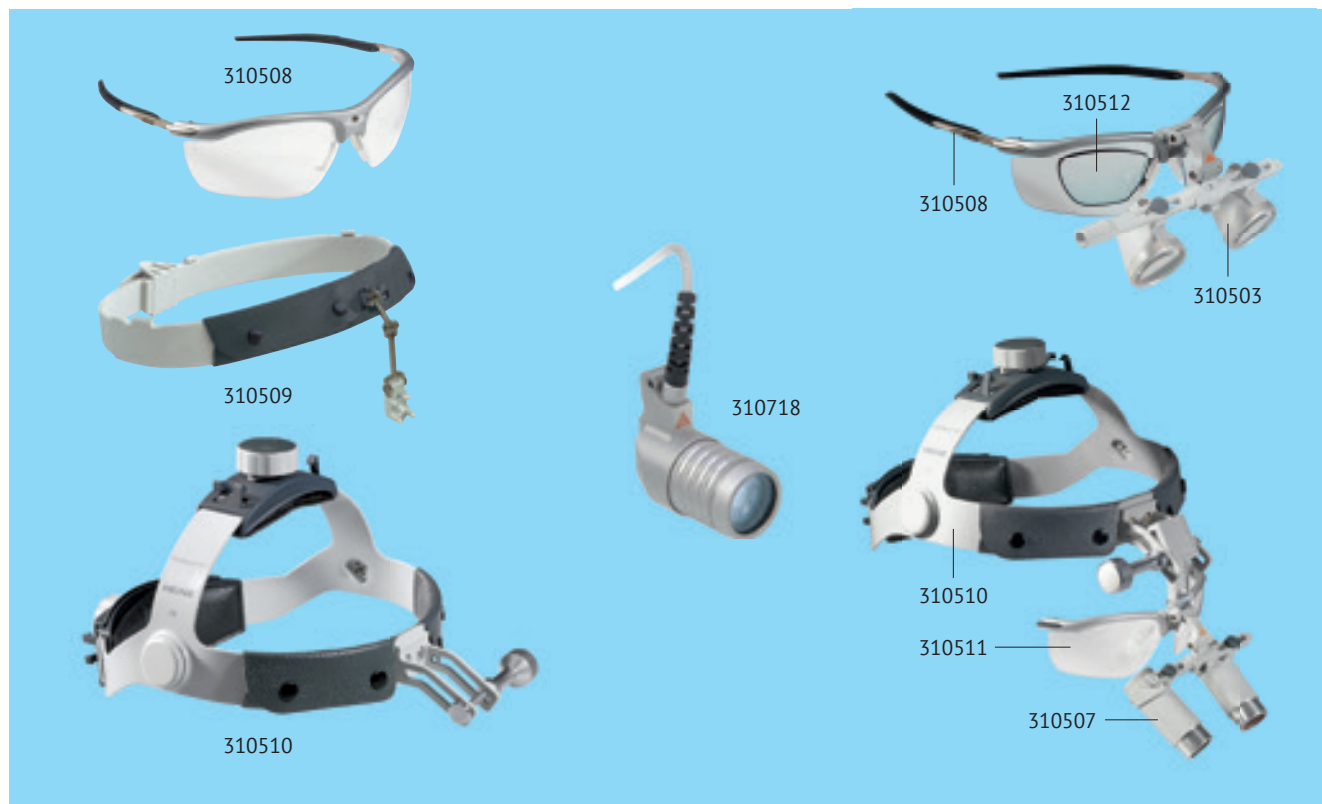**4. Select optional accessories**

HEINE S-GUARD splash protection
Provides splash protection as well as rapid and simple adjustment of binocular loupes on the headband.

HEINE Correction Frame
Clip-in correction frame for prescription lenses for S-FRAME and S-GUARD.

HEINE LED LoupeLight
Compact LED LoupeLight that produces a homogeneous illumination of up to 40,000 lux at 25 cm working distance.

310508
310512
310508
310503
310509
310718
310510
310511
310507
310510

	HR-C	HR	HRP
Step 1 / 2: Select Magnification / Working Distance			
2.5x / 34 cm	310501	310503	x
2.5x / 42 cm	310502	310504	x
3.5x / 42 cm	x	x	310505
4x / 34 cm	x	x	310506
6x / 34 cm	x	x	310507
Step 3: Select Mounting Options			
HEINE S-FRAME	310508	310508	310508
HEINE Lightweight Headband	310509	x	x
HEINE Professional Headband	x	310510	310510
Step 4: Select Accessories			
HEINE S-GUARD	x	310511	310511
HEINE Correction Frame	310512	310512	310512
HEINE LED LoupeLight with mPack	310719	310718	310718

HEINE Binocular Loupes

Article	
310501	HEINE HR-C 2.5x Loupe, 34 cm
310502	HEINE HR-C 2.5x Loupe, 42 cm
310503	HEINE HR 2.5x Loupe, 34 cm
310504	HEINE HR 2.5x Loupe, 42 cm
310505	HEINE HRP 3.5x Loupe, 42 cm
310506	HEINE HRP 4x Loupe, 34 cm
310507	HEINE HRP 6x Loupe, 34 cm

HEINE Mounting Options and Accessories

Article	
310508	HEINE S-FRAME
310509	HEINE Lightweight Headband
310510	HEINE Professional Headband
310511	HEINE S-GUARD
310512	HEINE Correction Frame
310718	HEINE LED LoupeLight with Mpack LL
310719	HEINE LED LoupeLight with Mpack LL

310718

HEINE LED LoupeLight Professional

Precision multiple lens optical system consisting of four high-quality lenses. Complete homogenous illumination of the whole field of view, and a clearly defined light spot

Features:
• Advanced LED technology
• Coaxial Illumination
• Compact, lightweight (24 g)
• Waterproof design, easy to clean
• Individual adjustment of the angle of view, provides the right angle for every situation
• Optional yellow filter reduces blue light, avoiding premature hardening of composites
Technical:
• Illumination: 40,000 lux at a working distance of 250 mm
• Colour Temperature: 6,250 Kelvin
• LED Operating Life: 1W Super-High Output LED rated at 50,000 hours operating life
• Spot Size: The illuminated field is designed to complement the HR/ HRP loupes. 81 mm dia. at 420 mm, 95 mm dia. at 520 mm
• Angle of Declination: Stepless and individually adjustable for every examination
• Operating Time: 17 hours (with mPack LL)
• Includes mPack LL battery and plug-in transformer

Article	
310718	HEINE LED LoupeLight

311130

311133

HEINE 3S Headlamp

Ultra-bright LED headlamp for powerful, coaxial illumination.

Features:
• 50,000 lux of bright, white light
• Colour Temperature: 6,250 Kelvin
• Stepless light intensity control
• Adjustable light spot size, 30 - 80 mm at 42 cm working distance
• Mains or portable power supply and Prism optics for Video adaption
• Viewing angle adjustable over a wide range
• Multi-coated glass optics for maximum brightness
• Operating time: 12.5 hours with mPack Battery and 5.5 hours with mPack Unplugged
• Can be combined with HEINE HR and HRP loupes

Article	
311130	HEINE 3S LED Headlamp • Includes mPack Rechargable Battery
311133	HEINE 3S LED Headlamp Unplugged - Professional L headset without S-Guard • Includes: mPack Unplugged
311134	HEINE i-VIEW Loupe Mount for 3S LED Headlight

301135

HEINE BETA 200 Ophthalmoscope

HEINE optimises the Gullstrand principle with aspherical optics (separation of illumination and observation beam). Corneal and iris reflexes are eliminated, a full view is guaranteed even with small pupils.
• XHL Xenon Halogen Technology provide a bright, white light
• 6 apertures with separate red-free filter
• Crossed linear polarising filter
• Recessed, multi-coated viewing window avoids stray light
• Soft orbital support that protects the users' glasses and steadies the instrument due to ergonomic shape
• Optimal working distance of 4 – 5 cm (from the eye)
• Fits HEINE handles (see Diagnostic section)

Article	
301135	HEINE BETA 200 Ophthalmoscope, 3.5V

Eickemeyer

HEINE Ophthalmic Examination Lamp, 3.5V

- For examination of the anterior segment and cornea in focal light
- Small and light weight
- 5 different apertures that help detect erosion, oedema and foreign bodies on the cornea
- Apertures focused at 100 mm working distance
- Fits HEINE handles (see Diagnostic section)
- Spare bulbs (see end of catalogue)

Article	
301180	HEINE Ophthalmic Examination Lamp, 3.5V

301180

HEINE BETA NT Rechargeable Handle

- 3.5V NiMH Rechargeable Battery
- Compatible with NT 300 Charger

Article	
302535	HEINE BETA NT Rechargeable Handle

302535

HEINE L Li-Ion Rechargeable Handle

- If the handle is switched on when replaced in the charger, it automatically switches off. When removed, it switches on again at the previously-selected brightness.
- 3.5V Li-Ion Rechargeable Battery
- 2 hours to charge with BETA NT 300 Charger
- Bottom insert displays charge status

Article	
302555	HEINE L Rechargeable Handle

302555

HEINE Battery Handle Modules

The foundation of the system is the grip sleeve, which forms the handpiece for each BETA handle. With corresponding module parts, any handle can be put together as shown here. A BETA battery handle can be converted to a rechargeable handle. All BETA handles feature short-circuit protection and a high-quality ceramic resistor for brightness control.

Article	
302400	BETA Grip Sleeve
302425	BETA Handle Bottom Insert: For C Size Batteries
302405	BETA Handle Sleeve Extension • To accomodate three C Size Batteries / 3.5V
302435	BETA NT Handle Bottom Insert
302436	BETA NT Rechargeable Battery
302438	BETA L Li-Ion Handle Bottom Insert
302437	BETA L Li-Ion Rechargeable Battery

302400 302425 302405 302435 302436 302437

HEINE NT 300 Charger

With the appropriate adaptor set it is possible to recharge all BETA L, BETA NT, BETA SLIM and laryngoscope rechargeable handles.
- Two independent charging compartments.
- Fast charge feature: 2 hours to recharge a BETA L handle with Li-Ion L battery or 4 hours for other rechargeable handles.
- Automatic charging process, regardless of the state of the battery charge, ensuring a long service life for rechargeable batteries
- Overcharge protection; switches off automatically when fully charged
- Pulsating light indicates the handset is charging
- Steady light indicates the charging is complete
- Dimensions: 61 x 142 mm (H x W), Weight: 830 g

Article	
302550	HEINE NT 300 Charger

302550

Keeler Veterinary Diagnostic Sets

For over ninety years Keeler has manufactured top quality precision ophthalmic instruments in their factory situated in the historic town of Windsor

Keeler Standard Ophthalmoscope
• Positive maywheel lens control allows you to click through lens powers from +40D and -25D
• Two diagnostic beams - wide angle for general examination and macula for more detailed views
• Swing over Red Free Filter can be used with both apertures
• Integral soft brow rest

Keeler Vet Scope (Otoscope)
• Large open style head and specula
• Adjustable 3x compound magnifying lens which can be swung aside to allow the introduction of small instruments

Article

301750   Keeler Vet Set 1
           1 x Keeler Standard Ophthalmoscope, 2.8V
           1 x Keeler Vet Scope (Otoscope), 2.8V
           1 x Keeler Slimline Battery Handle, 2.8V
           1 x Keeler Metal Vet Speculae, Set of 4
           1 x Case
           2 x Spare Bulbs

301760   Keeler Vet Set 2
           1 x Keeler Standard Ophthalmoscope, 3.6V
           1 x Keeler Vet Scope (Otoscope), 3.6V
           1 x Keeler Slimline Lithium Handle & Battery, 3.6V
           • Provides over 2 hours continuous use
           1 x Keeler Metal Vet Specula Set of 4
           1 x Case
           2 x Spare Bulbs
           1 x Keeler Single Charger
           • Speed charge in only 2 hours

301770   Keeler Vet Set 3
           1 x Keeler Standard Ophthalmoscope
           • 3.6V
           1 x Keeler Vet Scope (Otoscope)
           • 3.6V
           2 x Keeler Slimline Lithium Handle & Battery
           • 3.6V
           • Provides over 2 hours continuous use
           1 x Keeler Metal Vet Specula, Set of 4
           2 x Spare Bulbs
           1 x Keeler Double Charger
           • Speed charge in only 2 hours

301780   Keeler Vet Set 4
           1 x Keeler Standard Ophthalmoscope, 3.6V
           1 x Keeler Vet Scope (Otoscope), 3.6V
           1 x Keeler Metal Vet Specula, Set of 4
           2 x Spare Bulbs
           1 x Keeler Wall Transformer with two corded handles

301790   Keeler Finoff Transilluminator, 3.6V

301750

301770

301780

301790

Eickemeyer

HEINE Finoff Transilluminator, 3.5V

- Detachable Cobalt blue filter
- Suitable for fluorescein examinations
- Small and light weight
- Fits HEINE handles (see Diagnostic section)
- Spare bulbs (see end of catalogue)

Article	
301170	HEINE Finoff Transilluminator, 3.5V

301170

Welch Allyn Panoptic Ophthalmoscope

- Improves visualisation of the fundus
- Provides a 5 x larger view of the fundus than ever before achieved with a standard ophthalmoscope in an undilated eye
- Makes observing conditions such as hypertension, diabetic retinopathy and papilledema much easier to identify
- Enables a 25° field-of-view vs, the standard 5° field-of-view
- Increases magnification by 26% over a standard scope
- Greater working distance between veterinarian and patient
- Dynamic Focusing Wheel:
- Adjusts the focus in a continous, smooth acition for more precise control and optimum view
- Focusing range of -20 to +20 diopters
- Compatible with 3.5V Welch Allyn Battery Handles (302045)
- Spare bulbs see end of catalogue

Article	
301145	Welch Allyn PanOptic Ophthalmoscope
302045	Welch Allyn Handle • Includes charger
302046	Welch Allyn to HEINE Battery Handle Adaptor

301145

302045

HEINE Aspheric Lenses

- Advanced anti-reflex A.R. multicoating - reduced reflection, excellent light transmission
- Lens curvature matches that of the retina - perfect, distortion-free retinal image
- Large diameter - significant increase in field of view without magnification loss
- Aspheric surfaces - reduced distortion of the periphery

Article		Ø mm
173472	HEINE Aspheric Lens 20 D	50
173473	HEINE Aspheric Lens 30 D	46

173472

Volk Bio Lenses

- Aspheric surfaces correct aberrations present in more common spherical lenses, which help improve the field of view for diagnosis
- Volk double aspheric glass optics provide enhanced imaging for indirect ophthalmoscopy, which further helps the veterinary ophthalmologist reach a definitive diagnosis

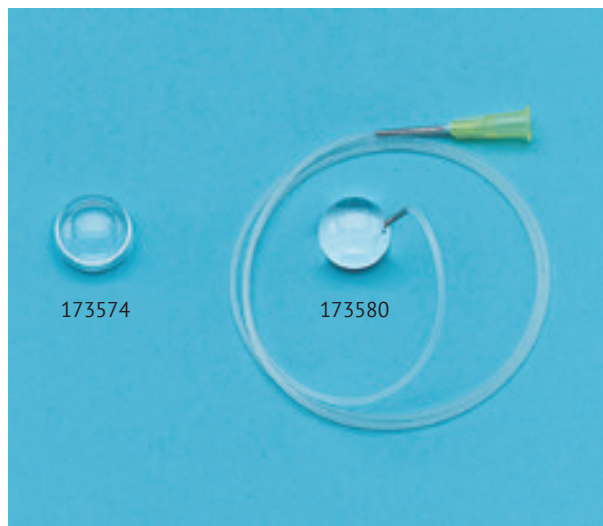| Article	
173536	Volk Pan Retinal 2.2 D • Combination of 20 D and 30 D • Optimised design facilitates examination through small pupils
17353815	Volk 15 D • High magnification provides excellent imaging of the macular and optic disc • Detailed optic disc views facilitate glaucoma screening examination
17353801	Volk 28 D • Excellent for fundus imaging and small pupil diagnosis
17353860	Volk 60 D • High magnification lens for detailed optic disc and macula imaging
17353878	Volk 78 D • Designed for use within range of motion of all slit lamps

17353801

Gonioscopy Lenses

- The Barkan and Koeppe lenses enable examination of the iridocorneal angle and diagnosis of primary glaucoma by creating a corneal vault by leaving the anterior chamber undisturbed
- The small diameter contact surface allows static or dynamic gonioscopy
- A light source, head loupe or microscope is required to achieve desirable resolution and illumination

Article		Ø mm
173580	Barkan Gonio Lens • Hydrostatic pressure attaches lens to cornea	
173574	Koeppe Diagnostic Gonio Lens - Small	17
173575	Koeppe Diagnostic Gonio Lens - Medium	18

173574   173580

173560

TONO-PEN VET

The Tono-Pen VET has become the veterinary professions standard over the past 20 years, this easy-to-use, hand-held instrument provides accurate IOP readings. Tono-Pen VET has a lightweight, ergonomic design with advanced electronic measurement technology that enables operators to take fast and accurate IOP measurements with minimal training. The long-life batteries help ensure that TONO-PEN VET will be ready to use when needed.

Sterile OCU-FILM Tip Covers are used to minimise the risk of cross-contamination between uses.

Features:
• Easy to read, digital display
• Measuring range: 5 - 80 mm / Hg
• Long Battery Life
• Small size, weight 64 g
• Maintenance-free
• Includes protective covers (Ocu-Film)
• Spare battery see end of catalogue

Article	
173560	Tono-Pen VET
173565	Ocu-Film Tip Covers • 150 per pack

173600

TONO-PEN AVIA VET

With over 40 breeds of dogs and cats possessing the predisposition to glaucoma, the Reichert Tono-Pen Tonometer provides simplicity for monitoring this condition. The Tonopen AVIA does not require calibration and is ready for use.

Sterile OCU-FILM Tip Covers are used to minimise the risk of cross-contamination between uses.

• Patient can be positioned in any way
• Fast and accurate IOP measurement with minimal training
• Less corneal irritation due to smaller sensor
• Large, easy to read display
• Measuring range: 5 - 80 mm / Hg
• Long battery life
• Small size, weight 64 g
• Maintenance-free
• Includes protective covers (OCU-FILM)
• Spare batteries see end of catalogue

Article	
173600	TONO-PEN AVIA VET
173565	Ocu-Film Tip Covers • 150 per pack

TonoVet Tonometer

The TonoVet is based on a rebound measuring principle, in which a very light probe is used to make momentary, gentle contact with the cornea. The device is easy to use and the measurement is barely noticed by the animal and often does not even cause corneal reflex. The disposable probe touches the cornea very lightly for only a fraction of a second. As no topical anesthetic or disinfection is needed, the whole procedure is over rapidly and disturbance to the animal is minimal with no risk of contamination.

Eye pressure should be measured from:
• Young patients to establish baseline readings
• Patients older than 6-7 years
• Patients predisposed to glaucoma (42 canine breeds)
• Ocular examination patients
• Head or eye trauma patients
• Dimensions: 230 x 32 x 80 mm (L x W x H)
• Weight: 250 g (including batteries)
• Display range: 0-99 mmHg
• Power: 4 x AA batteries

Article	
1736005	TonoVet Tonometer
1736006	TonoVet Probes • 100 per pack

1736005

Schiotz Tonometer

• Indentation tonometer for measurement of intraocular pressure
• Placed directly on the eye
• Requires topical ocular anaesthetic

Article	
173551	Schiotz Tonometer

173551

Optibrand ClearView Camera

The Optibrand ClearView Optical Imaging System automatically captures retinal images in a digital format and projects them onto your computer screen for closer examination, discussion with your client and saving as a permanent record. If necessary, you can easily transmit images to a veterinary ophthalmologist for further evaluation through ClearView's easy-to-use, online telemedicine portal. With ClearView, you have a more powerful diagnostic tool in hand with a fast, convenient connection to a specialist when you need it. The lightweight camera is comfortable to hold and easy to use with only one button.

FrontView works in tandem with ClearView to create an all-in-one optical imaging tool capable of examining all areas of the eye. This simple attachment clips to the front of the ClearView camera, allowing for examination of areas of the outer eye not visible with ClearView alone.

PC requirements:
• Windows XP or Vista
• 1.5 GHz processor
• 32 MB disk space
• USB 2.0
• Minimum monitor resolution: 1680 x 1050

Article	
173550	Optibrand ClearView Camera
17355001	Optibrand Frontview Accessory

173550

Eickemeyer

17354302

173543

HEINE HSL 150 Slit Lamp

- Compact and light-weight, the portable HSL 150 is ideal for situations where a full-size slit lamp is not available or convenient
- Suitable for the examination of the anterior segment

Features:
- Slit size adjustable from 0.2 x 4 mm to 10 x 14 mm
- 6 x magnification
- Blue interference filter (FITC), can be selected for corneal examination
- Multi-coated optics for maximum light transmission
- 3.5V XHL Xenon Halogen Technology for bright, white light comparable with the brightness of a classic slit lamp
- The HSL 150 instrument head weighs just 70 g, the lightest slit lamp of its kind
- Compatible with 3.5V HEINE handles

Article	
173543	HEINE HSL 150 Slit Lamp, 3.5V
17354302	HEINE HSL 10 x Loupe attachment • 10-fold magnification when combined with HSL 150 loupe • Increased working distance with a large field of view

173640

17354002

173547

17354006

173640

KOWA SL 15 Hand Held Slit Lamp

The SL-15 is a highly portable slit lamp perfect in any situation. It features a sculpted grip for easy handling, lightweight design, long term illumination, and an optional digital/video adaptor. The lighting switch is in the grip, which can be turned on when pressed lightly. Easy, simple selection of one of three slit widths or a spot illumination. Quick, one-touch selection of either 10x or 16x magnification with a built-in cobalt blue filter. The stand doubles as a battery charger (second battery is optional). Utilising a Li-Ion battery helps make this a compact and light unit. This large-capacity battery permits long-term continuous lighting (approx. 40 minutes). Simultaneous charging of the main unit and an extra battery.

Specifications:
- Binocular direct vision type
- Erected real image
- Convergence angle: 13 degrees
- Magnification: 10 to 16x
- Range of interpupillary distance adjustment: 50-72 mm
- Dioptric adjustment range of the eyepiece: -8D to +5D
- Duration of illumination: approx. 40 minutes of continuous lighting
- Rechargeable Li-Ion battery

Article	
173640	Kowa SL-15 Slit Lamp
173547	Kowa SL-15 Carrying Case • Slit lamp and base station storage
17354002	Kowa SL-14 & SL-15 Video Adaptor • Allows connection of CCD camera
17354006	Pentax Q Digital Camera Mount • Allows attachment of camera or video camera • Includes remote release, adaptor ring • (Please send us the slit lamp for adjustment)
176341	Kowa SL-15 Slit Lamp Rechargeable Battery Pack

Keeler PSL Classic Portable Slit Lamp

Excellence in optics, versatility and portability are key benefits of the Keeler PSL Classic. Keeler designs and manufactures with the strength to withstand the daily traumas of the demanding veterinary environment. The PSL is lightweight, durable and robust. Unique features such as fixation targets and the 1 mm square light patch for assessing anterior chamber flare sets the new standard for portable slit lamps.

Specifications:
• Slit widths: 0.15, 0.5, 0.8 and 1.6 mm slits and 12.0 mm circle
• Filters: Clear, Red free, Blue, and 0.8 Neutral Density
• Dioptric adjustment range of the eyepiece: +/- 7D
• Range of interpupillary distance adjustment: 50 -72 mm
• Convergence angle: 13 degrees
• Controllable illumination level
• Li-Ion battery has 45 minutes of continuous power

Working distance of the objective lens:
• 16x Magnification: approx 83 mm
• 10x Magnification: approx 107 mm

Field of view of the objective lens:
• 16x : 10.5 mm
• 10x : 16 mm

Article	
173650	Keeler PSL Classic Portable Slit Lamp
173651	Keeler PSL Classic Case • Robust aluminium construction
173652	Keeler PSL Classic iPhone 4 adaptor
173653	Keeler PSL Classic Slit Lamp Spare Battery
173654	Keeler PSL Classic Slit Lamp Spare Bulb

173650

Keeler Vantage Plus Digital

The Keeler Vantage Plus LED is the first digital binocular indirect ophthalmoscope on the market. It offers digital imaging in your practice, teaching facility or anywhere you want to capture digital images. The intuitive and powerful Keeler Software provides still or dynamic images, which aids in the documentation and diagnosis of your patient. You can increase your practice profile by educating your clients with digital dynamic imaging.

Features:
• Vantage Plus LED wireless indirect ophthalmoscope
• Headband
• Digital wireless remote control
• Keeler software
• Battery pack
• Charging unit
• Transformer
• Lens cloth
• Carrying case
• Instructions CD

Article	
173489	Keeler Vantage Plus Digital

173489

Eickemeyer

173480

173485

HEINE OMEGA 500 Indirect Ophthalmoscopes

These head mounted indirect ophthalmoscopes can be used in the consulting room, operating theatre or anywhere else in the clinic. They are comfortable to wear and can easily be adjusted to an individual's head size. In addition, key adjustment controls feature soft touch surfaces for precise and positive adjustment control. The Unplugged models allow 100% freedom of movement as they do not require cables, cords, or similar connections.
The LED system provides a longer operating time, longer working life, improved thermal management and excellent colour rendering compared to XHL-Technology.
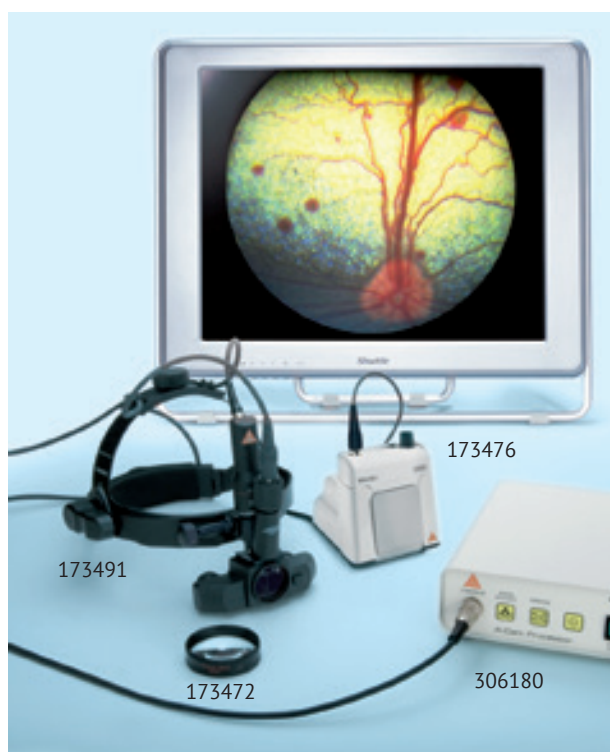
Features:
• Multi-coated illumination system
• Stereo views regardless of the pupil size
• Rheostat adjustable positioning
• Locking flip up system
• Spare bulbs see end of catalogue

Article	
173480	HEINE OMEGA 500 • Battery not included (173476)
173485	HEINE OMEGA 500 Unplugged • HEINE mPack Battery included
173487	HEINE OMEGA 500 LED Unplugged • HEINE mPack Battery included

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long-term success

173476

173491

173472

306180

HEINE Video OMEGA 2C

The only binocular Indirect Video Ophthalmoscope designed and developed entirely for video applications. Ideally suited for teaching, research, patient clarification, patient history and telemedicine.

• Compact, lightweight camera design
• Water-proof camera head can be placed in disinfectant solution
• Working distance: 250 to 800 mm
• Compatible with any C-mount CCD camera (not included)
• Recommended camera unit: Vet CCD (306180)
• Brilliant image on any monitor with video output
• Connects to various output devices, VCR, digital printer or PC with image capture software
• Monitor and accessories not included
• Spare bulbs see end of catalogue

Article	
173491	HEINE Video OMEGA 2C

HEINE OMEGA Head Mounted Ophthalmoscope Accessories

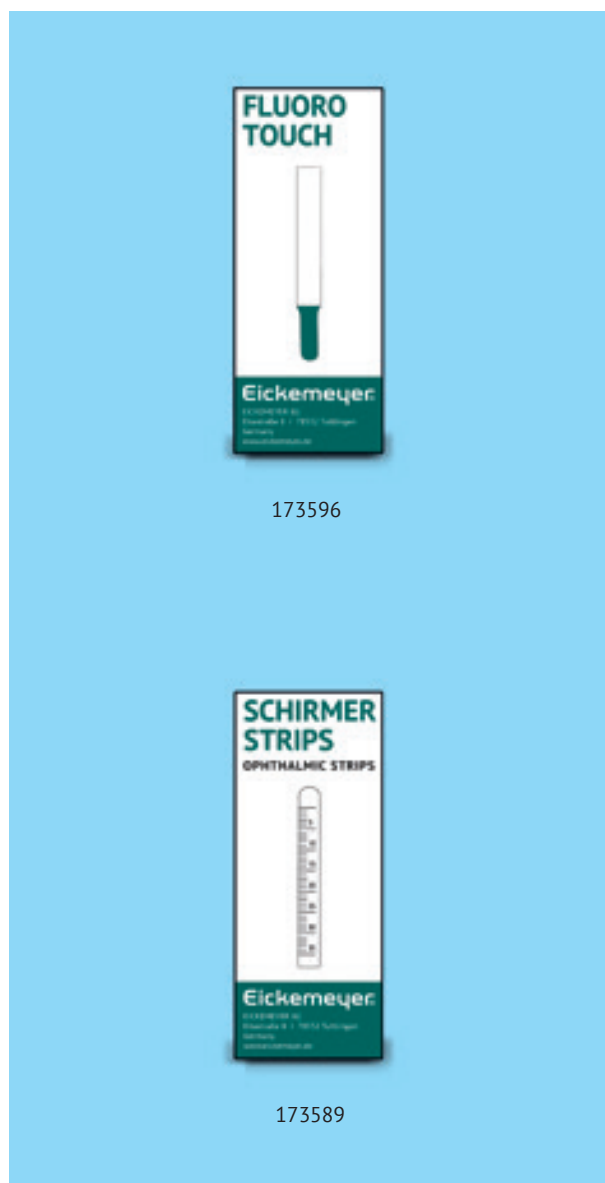| Article	
173465	HEINE OMEGA 500 / 2C Teaching Mirror
31112901	HEINE mPack Battery • With brightness control and Charger
173495	HEINE OMEGA 500 Case • Can be worn as a backpack
173490	HEINE OMEGA 500 Hard Case

173490

173465

173495

173476

Fluorescein Test Strips

• Fluorescein sodium ophthalmic diagnostic test strips help identify corneal injury by highlighting superficial corneal defects
• Individually packaged - sterile
• 100 per pack

Article	
173596	Fluorescein Test Strips

173596

Schirmer's Test Strips

• Schirmer's Tear Test is indicated to quantitatively measure the rate of tear production
• Useful in the evaluation of conjunctivitis to help diagnose tear deficiency as a contributing factor to ocular surface diseases
• Physiological range: 10 - 20 mm
• Individually packaged - sterile
• 100 per pack

Article	
173589	Schirmer's Test Strips

173589

173530

Kowa Genesis-D Digital Fundus Camera

- Convenient, one-handed use camera for professional documentation of your fundus examinations
- 2 megapixels
- Clear LCD Monitor (6.4 cm diagonal)
- Storing images on a CompactFlash card or transfer to PC via USB
- Xenon flash, with adjustable light and flash intensity
- Weight: 1070 g

Article	
173530	Kowa Genesis-D Digital Fundus Camera
173531	Kowa Genesis-D Footswitch • Reduces motion blur

173585

Eickemeyer ERG System

- Ideal for pre-operative screening of retinal function in cataract patients
- Handy device for checking the operation of the retina in acquired and hereditary disorders
- Complete ERG / VEP screening
- Connection to a PC or laptop (Windows) via USB interface
- With white stimulus
- Clear, easy-to-use software
- Includes: six contact lens electrodes and two needle electrodes

Article	
173585	Eickemeyer ERG System
173586	Needle electrode • 0.28 GA • Length 12 mm
173587	Disposable contact lens electrode • 3 per pack

173300

Linscan 12 MHz Ocular Ultrasound Probe

This ocular ultrasound probe is designed specifically for veterinary diagnostic and research applications. It is easy to install and can be used on most Windows XP / Vista / Mac computers. The unit comes with a high impact / water resistant carry case, quick user guide and electronic user manual.

Features:
- Scan/Freeze/Save button on probe
- Comfortable design
- Near/Mid/Far gain controls
- Plug and Play with USB 2.0
- Optional foot switch
- Cine Loop with up to 1 minute recording
- High resolution and great image quality
- 12 MHz enhanced up to 15 MHz

Article	
173300	Linscan 12 MHz Ocular Probe
173301	Linscan 12 MHz Ocular Probe Footswitch

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