



**BAUSCH+LOMB**  
**STORZ®**

Ophthalmic  
Instrument  
Catalogue

2015 | 2016



**BAUSCH+LOMB**  
See better. Live better.

## Ophthalmic Instrument Catalogue

Bausch + Lomb is pleased to introduce this new edition instrument catalogue. In this catalogue you will find the entire Bausch + Lomb Storz Ophthalmic Instruments product line covering both reusable and single use medical devices for cataract, vitreoretinal, refractive and general ophthalmic surgery.

### About Bausch + Lomb

Bausch + Lomb, a division of Valeant Pharmaceuticals International, Inc. (NYSE: VRX) (TSX: VRX), is solely dedicated to protecting and enhancing the gift of sight for millions of people around the world - from the moment of birth through every phase of life. Our mission is simple yet powerful: Helping you see better to live better.

The company is one of the best-known and most respected healthcare brands in the world, offering the widest and finest range of eye health products including contact lenses and lens care products, pharmaceuticals, intraocular lenses and other eye surgery products.

Our highest priority is the well-being of the people we serve. By listening to our customers and patients, by constantly honing our innovation edge, by executing with integrity and excellence, we strive to earn the trust of our partners and stakeholders.

Over the last 150 years, Bausch + Lomb has become a global hallmark for innovation and quality. Our talented and motivated colleagues work relentlessly to invent new materials, engineer new technologies, and ultimately bring new innovations to help people see better to live better.

Further information is available at  
[www.bausch.com](http://www.bausch.com).



Adapters .....	9
Blade Holders and Blades .....	11
Calipers, Gauges & Rulers .....	15
Cannulas .....	21
Corneal Markers .....	47
Diathermy .....	51
Extrusion/Backflush Handpieces .....	55
Eye Shields .....	61
Fixation Rings .....	65
Forceps .....	69
Handpieces .....	113
Knives .....	131
Lens Vectus .....	147
Manipulators, Hooks .....	149
Miscellaneous .....	165
Needle Holders .....	169
Ocular Implants .....	179
Oculopressor .....	183
Probes .....	185
Retractors .....	191
Scissors .....	197
Scleral Depressors .....	217
Spatulas .....	221
Specula .....	231
Spoons, Curettes .....	241
Sterilisation Trays and Protection .....	245
Tonometers .....	247
Trephines/Punches .....	249
Vitrectomy Lenses .....	259
Instrument Sets by Procedure .....	261
Index .....	277

# Table of Contents

## Legend



Units per Box



Single use



Designed for  
Sub 2mm Cataract Surgery



Instrument can be part  
of Single Use Customised  
Per Procedure Tray

Legal Manufacturer as per Medical Device Directive\*

**Bausch + Lomb GmbH**

Im Schuhmachergewann 4

69123 Heidelberg · Germany

© Bausch & Lomb Incorporated. All rights reserved.  
®/™ are trademarks of Bausch & Lomb Incorporated  
or its affiliates. All other brand/product names are  
trademarks of their respective owners.

All original illustrations and text in this publication  
are fully protected by copyright, no part of it may be  
reproduced in any form without written permission  
by the publisher. Size specifications are stated as  
accurately as possible. Tip drawings are enlarged  
to show tip detail.

\*for all instruments manufactured in Germany



## Ophthalmic Instruments

Trusted Quality.  
Leading Design.

Bausch + Lomb provides surgeons with the tools and technology to perform all the latest techniques for the treatment of cataracts and vitreoretinal conditions.



# Our History

For over 120 years, Storz Ophthalmic Instruments have been recognized around the world for industry leading quality and innovation. Each of our surgical instruments are designed, manufactured and tested with surgeons involved throughout the entire process. This ensures the instruments delivered from our Manufacturing Centers of Excellence exceed quality and performance expectations.

The history of Storz Ophthalmic Instruments began in 1782 when, after four years of training in Paris, Johann Jacob Storz returned to his hometown of Tuttlingen, Germany, to set up a knife-making company. This soon became the major craft of Tuttlingen and his fine design and workmanship made his products desired in the finer homes of Germany.

His grandson, Adam Storz, also travelled to the French capital, where he studied how to make of surgical instruments. He also returned to Tuttlingen and worked with the knife makers trained by his grandfather, who were quick to enter this new field. Soon Tuttlingen was also known for its instrument industry.

Born in 1872, Adam's son Charles R. Storz, learned the art of surgical instrument-making from his father and added to this his experience in the design and manufacture of instruments at Wurzburg, one of Germany's early medical centers. He emigrated to the United States in 1893 and was actively designing and supervising surgical instrument manufacture until his retirement in 1960, a year before his death in his ninetieth year.

In 1983, the Klein Company, originally set up by Leonhard Klein in Heidelberg, Germany, was acquired by the Storz Instrument Company. This company was known for its excellence in the design and manufacture of surgical instruments, which, on merger, were integrated into the Storz line of instruments.

In December 1997, Bausch + Lomb acquired both Chiron Vision and the Storz Instrument Company, two renowned companies in the field of ophthalmology, and created its surgical division. Since then Bausch + Lomb have built on these acquisitions to offer a wide range of surgical products, including a full range of microsurgical instruments for ophthalmology, offering surgeons support in achieving the best surgical outcomes using their preferred techniques.

In October 2007, Warburg Pincus led the acquisition of Bausch + Lomb, which had previously been a publicly traded NYSE company. In August of 2013, Bausch + Lomb was acquired by Valeant Pharmaceuticals International, Inc. and became the eye care division of Valeant.

Bausch + Lomb Storz Ophthalmic Instruments produces the finest instruments to satisfy the individual needs of surgeons by providing trusted quality and leading design at their fingertips.

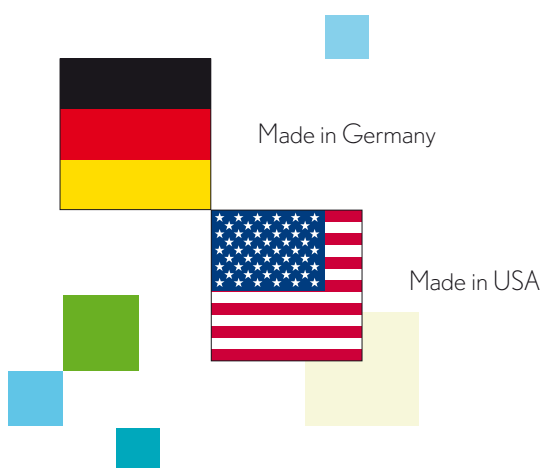


## Trusted Quality

Today, Bausch + Lomb continues its rich heritage of instrument making by designing and manufacturing the finest microsurgical instruments in the world. Its manufacturing facilities in Heidelberg, Germany, and St. Louis, Missouri, USA, offer not only the most skilled and experienced craftsmen, but also employ the latest technological advancements known in the industry.

A key to the success of Bausch + Lomb has been its ability to maintain hand-crafted excellence, while adapting to an ever changing surgical environment with the latest instrument designs. The integration of laser technology has helped in the manufacturing process by ensuring consistency in the quality of the instruments produced.

Bausch+Lomb maintains a strong Quality culture across the company. All Bausch + Lomb facilities are certified according to EN ISO 13485 and ISO 9001 as well as according to the European Medical Devices Directive 93/42/EEC, Annex II to ensure compliance with CE marking requirements.



## Leading Design

We know the best ideas come from those with first hand experience using our instruments. That is why we work with surgeons around the globe on creating new instruments that meet the challenges of modern surgical techniques with the goal to provide the finest patient care possible.



All surgical instruments eventually require maintenance and repair. Bausch + Lomb are perfectly suited to recondition your instruments. The Bausch + Lomb maintenance of value service guarantees to return your instrument to »like new« condition and preserve your investment, ensuring long-lasting service at a fraction of the cost of replacement. Instrument repairs are performed by master craftsmen with the highest skill level.



## Maintenance of Value Service in Heidelberg, Germany

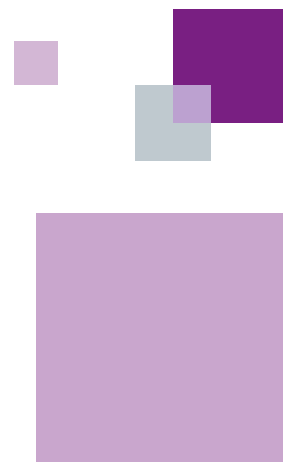


Instruments are repaired and refurbished in a very short time, usually 4 to 5 working days.

For the most up-to-date overview of available instruments, visit our online catalogue:

[www.storzeye.eu](http://www.storzeye.eu)

For information or Customer Service please contact your local Bausch + Lomb representative or distributor.







# Adapters

Connecting .....10



# Adapters

## Connecting

E4968 A

### Male To Male Cannula Adapter

Delrin male luer adapter for connecting aspiration cannulas to aspiration tubing. Overall length 38 mm.



E8001

### Cleaning Adapter

To screw on vitreoretinal forceps and scissors working tips. Luer-lock adapter for use with plastic syringe for cleaning.





# Blade Holders and Blades

Blade Holders ..... 12  
Blades ..... 13



# Blade Holders and Blades

## Blade Holders

72060

### Barraquer Blade Breaker and Holder

Straight 12 mm jaws for holding and breaking razor blade fragments. With lock. Overall length 110 mm.



72141

### Troutman-Chris Blade Breaker and Holder

Straight 10 mm jaws. Spring loaded handle. Snap-in end lock. Overall length 94 mm.



72221

### Blade Holder - angled

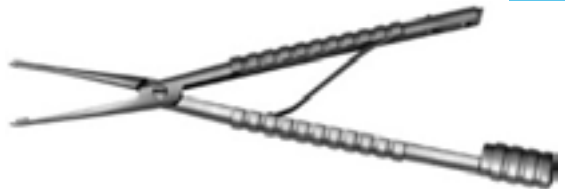
For ECOCUT phaco blades. Tip angled 45°. Spring loaded handle. Snap-in end lock. Overall length 100 mm.



72225






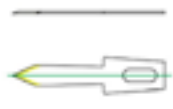















### Blade Holder, Straight

For ECOCUT blades. Spring loaded handle. Snap-in end lock. Overall length 100 mm.



# Blade Holders and Blades

## Blades

16131	<b>ECOCUT Needle Blade, 1.1 mm</b>	 
	For use with blade holders 72221 & 72225. Sterile. 50/box.	
16134	<b>ECOCUT Sclerotomy Blade, 1.4 mm</b>	 
	For use with blade holders 72221 & 72225. Sterile. 50/box.	
16145 2.5	<b>ECOCUT Keratome Blade, 2.5 mm</b>	 
	Short. 2.5 mm blade width. 10.5 mm length. For use with blade holders 72221 & 72225. Sterile. 50/box.	
16145 2.8	<b>ECOCUT Keratome Blade, 2.8 mm</b>	 
	Short. 2.8 mm blade width. 10.5 mm length. For use with blade holders 72221 & 72225. Sterile. 50/box.	
16145 3.0	<b>ECOCUT Keratome Blade, 3.0 mm</b>	 
	Short. 3.0 mm blade width. 10.5 mm length. For use with blade holders 72221 & 72225. Sterile. 50/box.	
16145 3.2	<b>ECOCUT Keratome Blade, 3.2 mm</b>	 
	Short. 3.2 mm blade width. 10.5 mm length. For use with blade holders 72221 & 72225. Sterile. 50/box.	
16150	<b>ECOCUT Crescent Blade</b>	 
	2 mm blade width. For use with blade holders 72221 & 72225. Sterile. 50/box.	

# Blade Holders and Blades

## Blades

16155

ECOCUT Stab Incision Blade, 15°

For use with blade holders 72221 & 72225.  
Sterile. 50/box.



16500G

Special blades "G"

Packaged single sterile. 50/box. 6.5 mm.



16501S

Special blades "S"

Packaged single sterile. 50/box. 7.5 mm.



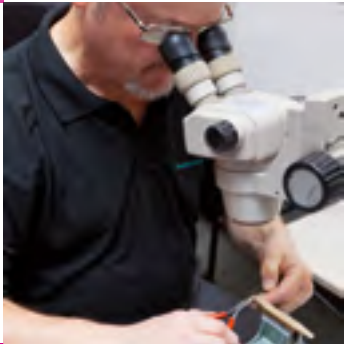
16510K

Special blades "K"

Packaged single sterile. 50/box. 8.0 mm.



# Calipers, Gauges & Rulers



- Capsulorhexis ..... 16
- Enucleation ..... 16
- Incision ..... 17
- LRI ..... 17
- Multiple Use ..... 18
- Rulers ..... 20



# Calipers, Gauges & Rulers

## Capsulorhexis

E9036

### Wallace Capsulorhexis Gauge 6 mm



This 6 mm corneal marker provides an excellent reference to gauge the diameter of the anterior capsular opening during capsulorhexis. Creating a tear just inside the circular mark on the cornea provides a sub 6 mm capsulorhexis which is ideal for the latest IOL technology. Overall length 81 mm.



## Enucleation

99516

### Gauge 16 mm for orbita implant



16 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99518

### Gauge 18 mm for orbita implant



18 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99520

### Gauge 20 mm for orbita implant



20 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99522

### Gauge 22 mm for orbita implant



22 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.





# Calipers, Gauges & Rulers

## Incision

ET2418

### Incision Gauge Set

x 1

This set contains 7 individual incision gauges, measuring from 1.0 mm to 3.0 mm in 0.1 mm increments. 3 sizes of 0.1 mm increments are on each individual gauge.



## LRI

E2430

### Whitman Axis Marker

x 1



This instrument features an astigmatic dial marked in degrees on its anterior surface for setting the desired location of the lens implant while the posterior surface provides two large radial blades which correspond to the axis on the dial. These blades marked with a sterile marking pen are aligned under the surgical microscope with limbal markings made pre-operatively at the 180° axis, or 3 and 9 o'clock. Once aligned, the instrument is pressed onto the surface of the eye, leaving two opposing long radial marks in the mid periphery of the cornea. The toric alignment markings on the IOL can then be easily aligned with these radial marks. Overall length 81 mm.



E2432

### Nichamin Double-Ended LRI/Toric Gauge

x 1



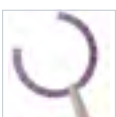
This double-ended instrument has a modified Mendez Gauge on one end that is designed to align with pre-operative limbal reference markings in order to identify the steep meridian over which the LRIs or Toric IOL is to be centred. The opposite end of the instrument is designed to permit arc length determination. The zero point is placed over the steep meridian that is to be incised. And the appropriate arc length is then delineated on the surface of this second gauge. Overall length 145 mm.



ET2423

### Nichamin Degree Gauge

x 1



As a modification of the popular Fine-Thornton Fixation Ring. This instrument is designed to facilitate placement of limbal relaxing incisions when treating corneal astigmatism. The two, 180° opposed, broad hash marks are to be aligned with the steep corneal meridian. Centering the ring over the patient's positive astigmatic axis. 10° marks distinguish the extent of arc to be incised. This instrument can also be used to move the globe into position to allow for perpendicular placement of the incisions and to steady the eye when using topical anaesthesia. Overall length 117mm.



# Calipers, Gauges & Rulers

## Multiple Use

57051

### Castroviejo Caliper

Straight. 0-15 mm range of measurement.  
Overall length 75 mm.



57052

### Castroviejo Caliper

Straight. 0-20 mm. Range of measurement.  
Overall length 80 mm.



E2401

### Stahl Caliper

Used to measure width from limbus to limbus for anterior chamber IOL implantation. Measures 7.0 mm. 10.0 mm. 10.5 mm. 11.0 mm. 11.5 mm. 12.0 mm. 12.5 mm. And 13.0 mm. Overall length 40 mm.



E2402

### Braunstein Fixed Caliper

Fine tips mark sclerotomy sites for vitreous surgery.  
Aphakic 3.0 mm and phakic 3.5 mm.  
Overall length 80 mm.



E2404

### Castroviejo Caliper

Caliper measures from 0 mm to 20 mm in 1 mm increments with scale reading on both sides. Thumbscrew holds tips apart at desired setting. Overall length 86 mm.



E2405

### Castroviejo Marking Caliper

Curved 45° shafts with grooves for marking fluid. Caliper measures from 0 mm to 20 mm in 1 mm increments with scale reading on both sides. Thumbscrew holds tips apart at desired setting. Overall length 86 mm.



# Calipers, Gauges & Rulers

## Multiple Use

E2410

### Jameson Caliper

Measures 0 mm to 80 mm in 1 mm increments. Narrow, flat 3 mm tips and a thumbscrew for locking the caliper at the desired setting. Overall length 94 mm.



E2421

### Mendez Degree Gauge

Used to determine incision angles. It is calibrated every 10 degrees from 0 to 180 degrees. Inner dimensions 12 mm. Overall length 113 mm.



E2433

### Boehnke-Mendez Domed Degree Marker

Curved marker to determine the degree on the cornea before implantation of an IOL, calibrated every 10°, from 0° to 180°. An exact placement of the marker on the cornea is possible thanks to its curvature. Therefore the reflexion during the microscopic view is being reduced. Overall length 116 mm.



6-700

### Maloney Keratometer

Cone-shaped instrument designed to reflect microscope light on the cornea. Titanium.



# Calipers, Gauges & Rulers

## Rulers

56081

Ruler, Model Giessen

Overall length 30 mm.



E2420

Stainless Steel Flexible Ruler

Measures up to 152 mm in 1 mm increments.  
Overall length 159 mm.





# Cannulas

- Air Injection ..... 22
- Anesthesia ..... 23
- Anterior Chamber ..... 25
- Aspirating ..... 28
- Capsule Polishing ..... 28
- Cortex Extractors ..... 30
- Cyclodialysis ..... 31
- Cystotomes ..... 32
- Hydrodissection ..... 33
- Infusion ..... 36
- Irrigating ..... 37
- Irrigating Aspirating ..... 40
- Irrigating Vectus ..... 41
- Lacrimal ..... 42
- Retinal Hydrodissection ..... 45
- Viscoelastic ..... 46



# Cannulas

## Air Injection

85050-6

### Sautter Air Injection Cannula

x 6



27GA. flattened tip. Shaft 22 mm. 6/box.



85050Y1-6

### Sautter Air Injection Cannula

x 6



Turned 90°. 27GA. Shaft 22 mm. 6/box.



85100-6

### Air Injection Cannula Mod. Tuebingen

x 6



30GA. 14 mm. 6/box.



E0499 27

### Air Injection Cannula

x 1



27GA. Angled 45° shaft. 5 mm from tip to bend. Shaft 19 mm.



E0499 30

### Air Injection Cannula

x 1



30GA. Angled 45° shaft. 5 mm from tip to bend. Shaft 19 mm.



E4924 25

### Fogla Air Injection Cannula 25 Gauge

x 1



This 25 gauge bottom port cannula is used while injecting air into deep corneal stroma in DALK surgery. The blunt tip helps avoid deeper perforation into the anterior chamber and the flattened cannula is easily inserted into the corneal stromal pocket. The bottom port directs air posteriorly in order to achieve the big bubble. The lamellar track should be created using the Fogla Pointed Dissector (E0480) prior to introducing this cannula. Shaft 18 mm.



# Cannulas

## Air Injection

E4924 27

### Fogla 27GA Air Injection Cannula

x 1



This 27 gauge bottom port cannula is used while injecting air into deep corneal stroma in DALK surgery. The blunt tip designed to avoid deeper perforation into the anterior chamber and the flattened cannula is designed to be inserted into the corneal stromal pocket. The bottom port directs air posteriorly in order to achieve the big bubble. The lamellar track should be created using the Fogla Pointed Dissector (E0480) prior to introducing this cannula. Shaft 18 mm.



## Anesthesia

ED7131

### Retrobulbar Needle 23GA Atkinson Style

x10



23GA. Atkinson style bevel retrobulbar needle.  
Length excluding hub 38 mm. Sterile.  
Single use. 10/box



ED7132

### Peribulbar Needle 23GA Atkinson Style

x10



23GA. Atkinson style bevel peribulbar needle.  
Length excluding hub 32 mm. Sterile.  
Single use. 10/box



ED7133

### Retrobulbar Needle 25GA Atkinson Style

x10



25GA. Atkinson style bevel retrobulbar needle.  
Length excluding hub 38 mm. Sterile.  
Single use. 10/box



ED7134

### Peribulbar Needle 25GA Atkinson Style

x10



25GA. Atkinson style bevel peribulbar needle.  
Length excluding hub 32 mm. Sterile.  
Single use. 10/box



# Cannulas

## Anesthesia

ED7135

### Retrobulbar Needle 25GA

x10



25GA retrobulbar needle.  
Length excluding hub 38 mm. Sterile.  
Single use. 10/box



ED7136

### Peribulbar Needle 25GA

x10



25GA peribulbar needle.  
Length excluding hub 16 mm. Sterile.  
Single use. 10/box



ED7138

### Peribulbar Needle 27GA

x10



27GA peribulbar needle.  
Length excluding hub 16 mm. Sterile.  
Single use. 10/box



87121-6

### Retrobulbar Cannula

x6



Straight. 24GA. Shaft 50 mm. 6/box.



87122-6

### Retrobulbar Cannula

x6



Straight. 24GA. Shaft 40 mm. 6/box.



E4951

### Atkinson Retrobulbar Needle

x1



23GA. Beveled sharp rounded point. Shaft 35 mm.





# Cannulas

## Anesthesia

E495125

### Atkinson Retrobulbar Needle

x1



25GA. Beveled sharp rounded point. Shaft 35 mm.



E4999

### Conner Anesthesia Cannula

x1



Gently curved. 23GA. Rounded tip for dissection beneath Tenon's capsule to just beyond the globe's equator. 3 forward spraying side ports for even and diffuse anaesthetic distribution.



## Anterior Chamber

ED7101

### Anterior Chamber Needle 20GA Angled Tip

x10



20GA. Angled. Tip 8 mm. Length excluding hub 25 mm. Sterile. Single use. 10/box



ED7102

### Anterior Chamber Needle 23GA Angled Tip

x10



23GA. Angled. Tip 8 mm. Length excluding hub 22 mm. Sterile. Single use. 10/box



ED7103

### Anterior Chamber Needle 25GA Angled Tip

x10



25GA. Angled. Tip 8 mm. Length excluding hub 22 mm. Sterile. Single use. 10/box



ED7104

### Anterior Chamber Needle 27GA Angled Tip

x10



27GA. Angled. Tip 8 mm. Length excluding hub 22 mm. Sterile. Single use. 10/box



# Cannulas

## Anterior Chamber

ED7106

Anterior Chamber Needle 27GA Angled Tip



27GA. Angled. Tip 5 mm. Length excluding hub 22 mm.  
Sterile. Single use. 10/box



ED7105

Anterior Chamber Needle 30GA Angled Tip



30GA. Angled. Tip 5 mm. Length excluding hub 22 mm.  
Sterile. Single use. 10/box



E439519

McIntyre Anterior Chamber Cannula



Straight. 23GA. Blunt tip. Shaft 17 mm.



E439520

McIntyre Anterior Chamber Cannula



Angled. 23GA. Blunt tip with shaft angled 45°.  
12 mm from tip to bend. Shaft 15 mm.



E439522

McIntyre Anterior Chamber Cannula



Angled. 26GA. Blunt tip with shaft angled 45°.  
12 mm from tip to bend. Shaft 15 mm.



E439523

McIntyre Anterior Chamber Cannula



Straight. 30GA. Blunt tip. Shaft 17 mm.



E439524

McIntyre Anterior Chamber Cannula



25GA. Atkinson style bevel. Shaft 37 mm. Sterile.  
Angled. 30GA. Blunt tip with shaft angled 45°.  
12 mm from tip to bend. Shaft 15 mm.



# Cannulas

## Anterior Chamber

E490123

### Knolle Anterior Chamber Cannula



Angled. 23GA. Blunt tip with shaft angled 45°. 2 mm from tip to bend. 2 mm from tip to bend. Shaft 19 mm.



E490130

### Knolle Anterior Chamber Cannula



Angled. 30GA. Blunt tip with shaft angled 45°. 2 mm from tip to bend. Shaft 19 mm.



E4922

### Bishop-Harmon Irrigation Cannula



19 gauge. Angled 30 degree shaft 5 mm from tip to bend with flattened blunt tip. Polished finish. Shaft 25 mm.



E4928

### Scheie Ant. Chamber Irrigation Cannula



Straight. 27GA. Shaft 20 mm.



E4930

### Bracken Ant. Chamber Irrigation Cannula



19 gauge. Curved 90° flattened beveled tip. Polished finish. Shaft 21 mm.



E4981

### Blumenthal Anterior Chamber Maintainer



20GA. Threaded tip for fixation in the side port incision. 25 cm of silicone tubing. Excellent for use in manual ECCE or phaco.



E4982

### Anterior Chamber Cannula



25GA. AC maintenance cannula. 3 mm beveled tip. 20 cm silicone tubing.



# Cannulas

## Aspirating

85121

### Ullerich Aspirating Cannula Size 1

19GA. Tip Gently curved. Shaft 27 mm.



85268

### Brauweiler Aspiration Cannula

21GA. Shaft 20 mm.



E4977S

### Fish Aspirating Cannula

Straight 25GA. Ski shaped tip. Angled 11 mm from bend to tip. Shaft 27 mm.



## Capsule Polishing

85250

### Kratz Capsule Polisher sandblasted

20GA. Gently curved tip. Sandblasted. Shaft 33 mm.



85260

### Kratz Capsule Polisher

Angled. 23GA. Collar button tip with sandblasted underside. Shaft 25 mm.



85266

### Engels Capsule Polisher

21GA. 0.3 mm aspiration port. Sandblasted tip.



# Cannulas

## Capsule Polishing

85791

### Schammas Capsule Polisher

x 1

22GA. Curette cup type cannula tip. 1.15 mm wide with sandblasted underside. Irrigation port above sharp curette rim. Shaft 26 mm.



85110-6

### Cannula, Probe Point, Mod. Hamburg

x 6

22GA. Shaft 19 mm. 6/box.



85251Y2

### Kammann Capsule Polisher

x 1

21GA. Gently curved shaft with flattened tip. 1 mm tip width. 0.5 mm thick. 2.5 mm tip sandblasted. End port. Shaft 25 mm.



E0508

### Kratz Scraper Cannula, Sandblasted

x 1

23GA. 1 mm angled tip. Sandblasted. Shaft 21 mm.



E0511ED

### Jensen Capsule Polisher Cannula

x 1

27GA. Gently curved shaft. olive tip with lower half electro dusted. Shaft 27 mm.



E0566 A

### Graether Collar Button Cannula

x 1

Angled. 23GA. For iris retraction and capsule polishing. 10 mm tip angled 45°. Shaft 25 mm.



# Cannulas

## Capsule Polishing

E4414 GW10

### Gills-Welsh Olive Tip Cannula

x 1



25GA. Angled 45° shaft 10 mm from tip to bend with 1 mm smooth bulbous tip. Shaft 26 mm.



E4969 CS

### Simcoe Cannula Polisher Capsule Scrubber

x 1



23GA. Curved. Sandblasted 2 mm distal tip. Shaft 13 mm.



E4969 R

### Simcoe Posterior Capsule Scrubber

x 1



23GA curved cannula. Reverse aperture (bottom). Shaft 13 mm.



ED7153

### Silicone Capsule Polisher, 27GA

x 10



27GA. Silicone capsule polisher. Silicon cap. Length excluding hub 22 mm. Sterile. Single use. 10/box



## Cortex Extractors

E4414 WS

### Welsh Cortex Extractor

x 1



Straight. For 6 o'clock cortex clean-up. 25GA. Angled 45° shaft 8 mm from tip to bend. Straight olive tip. End port. Shaft 25 mm.



E4420

### Osher "J" Cannula

x 1



27GA. Ideal for removing sub incisional cortex. Cortical clean up and reopening the capsular bag. The "J" tip allows easy passage through a 2.2 mm phaco incision. Tip length is 2.5 mm. Works well with viscoelastics as well as balanced salt irrigating solution and is helpful in capsulorhexis or through a small pupil. Shaft 28 mm.



# Cannulas

## Cortex Extractors

E493110

### Gills-Welsh Cortex Extractor Cannula



25GA. Angled 45° shaft. 10 mm from tip to bend.  
End port. Shaft 21 mm.



E4966

### Barett Mini Aspirator



23GA. excellent for cortex removal at the 12 o'clock position. Gently curved shaft for ease of manipulation. Silicone tubing is used for connecting to an aspiration line. Shaft 25 mm.



E4968

### Dankner Panariello Cortex Cannula



23GA. Gently curved. 0.4 mm aspiration port. Ideal for aspiration of cortex through the side port stab incision. Shaft 21 mm.



E4969

### Simcoe Cortex Extractor Cannula



23GA. Gently curved. 0.33 mm aspiration port.  
Shaft 13 mm.



E4969 L

### Simcoe Cortex Extractor Cannula



23GA. Gently curved. 0.3 mm aspiration port.  
Long model. Shaft 21 mm.



## Cyclodialysis

84010

### Cyclodialysis Cannula



Angled. 22GA. Gently curved 11 mm tip with top port.  
Shaft 24 mm.



# Cannulas

## Cystotomes

ED7111

### Cystotome Formed Straight, 23GA

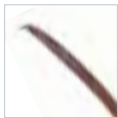


23GA. Straight. Length excluding hub 16 mm.  
Single sterile packaged. 10/box.



ED7112

### Cystotome Formed, 23GA

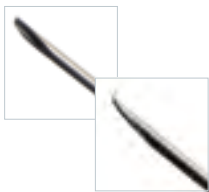


23GA. Length excluding hub 16m m.  
Single sterile packaged. 10/box.



ED7122

### Cystotome Straight, 23GA

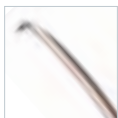


23GA. Length excluding hub 16 mm.  
Single sterile packaged. 10/box.



ED7110

### Cystotome Formed Angled Tip, 25GA

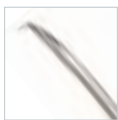


25GA, formed angled tip. Length excluding hub 16 mm.  
Single sterile packaged. 10/box.



ED7113

### Cystotome Formed, 25GA



25GA. Length excluding hub 16 mm.  
Single sterile packaged. 10/box.



ED7114

### Cystotome Short Formed, 25GA



25GA. Length excluding hub 16 mm.  
Single sterile packaged. 10/box.





# Cannulas

## Cystotomes

ED7115

Cystotome Short Formed, 27GA



27GA. Length excluding hub 16mm.  
Single sterile packaged. 10/box.



## Hydrodissection

ED7154S

Hydrodissection Cannula, J Shaped, 25GA



25GA. Tip 1.5 x 1.75 mm. Length excluding hub 22 mm.  
Sterile. Single use. 10/box



ED7156

Hydrodissection Cannula, J Shaped, 27GA



27GA. Tip 1.5 x 1.5 mm. Length excluding hub 22 mm.  
Sterile. Single use. 10/box



ED7151

Hydrodissection Cannula, 25GA



25GA. 11 mm angled shaft with flattened tip.  
Length excluding hub 22mm. Sterile.  
Single use. 10/box



ED7155

Hydrodissection Cannula, 25GA



25GA. 8 mm angled shaft with flattened tip.  
Length excluding hub 22mm. Sterile.  
Single use. 10/box



ED7152

Hydrodissection Cannula, 27GA



27GA. 11 mm angled shaft with flattened tip.  
Length excluding hub 22mm. Sterile.  
Single use. 10/box



# Cannulas

## Hydrodissection

E441759

### Hydrodissection Cannula, 27GA

x10



27GA. 8 mm angled shaft with flattened tip.  
Length excluding hub 22mm. Sterile.  
Single use. 10/box



E4413BAR

### Barrett Hydrodelineation Cannula

x1



25GA. Curved. Tip beveled up for easy insertion and injection of fluid for performing hydrodelineation of the lens nucleus. Shaft 20 mm.



E4417L

### Hydrodissection Cannula

x1



Left. 25GA. For hydrodissection of the lens nucleus. „U“ tip allows easy entrance through the phacoemulsification wound. Shaft 25 mm.



E4417L27

### Hydrodissection Cannula

x1



27 gauge left. Designed for hydrodissection of the lens nucleus. 3 mm „U“ tip allows easy entrance through the phacoemulsification wound. Shaft 25 mm.



E4417R

### Hydrodissection Cannula

x1



25 gauge right. Designed for hydrodissection of the lens nucleus. 3 mm „U“ tip allows easy entrance through the phacoemulsification wound. Shaft 25 mm.



E4417R27

### Hydrodissection Cannula

x1



27 gauge right. Designed for hydrodissection of the lens nucleus. 3mm „U“ tip allows easy entrance through the phacoemulsification wound. Shaft 25 mm.



E4419

### Kellan Hydrodissection Cannula

x1



25GA. flattened. Blunt tip to slip under the anterior capsular flap. Shaft 18 mm.



# Cannulas

## Hydrodissection

E4421H

### Nichamin Hydrodissection Cannula



25GA. Curved cannula designed to follow the scleral tunnel incision and anterior lens capsule to provide less deformation of the wound and less loss of the anterior chamber. unique flattened tip allows for a better fit under the capsular leaflet. Shaft 39 mm.



E4421H27

### Nichamin Hydrodissection Cannula



27 gauge. Curved cannula designed to follow the scleral tunnel incision and anterior lens capsule. The unique flattened tip allows for a better fit under the capsular leaflet. Shaft 39 mm.



E4425 25

### Yalon Hydrodissection Cannula



25GA. 45° angled. Irrigation port is on the side of the tip. This allows more effective distribution of fluid around the nucleus. Shaft 39 mm.



E4429

### Wiles Hydrodissection Cannula MICS



25 gauge thin profile "J" style cannula allows easy manipulation in and out of the sub-2 mm wound, while providing an adequate irrigating stream for both hydrodissection and hydrodelineation, as well as sub-incisional cortical clean up. Shaft 24 mm.



E4929

### Daya Femto Trans-Lens Hydro Cannula



The Daya Trans-lens Hydrodissection Cannula features a 45 degree bend and a 90° 1.25 mm tip. Once inserted into the wound, the surgeon can use the cannula to reach down through the femto incision in the lens and create a fluid wave that originates posteriorly and progresses anteriorly during capsule and lens hydrodissection. The fluid wave initiating in the posterior helps assist in directing trapped bubbles towards the anterior. The instrument also doubles as a chopper to help separate the cuts and cracking of the lens. Overall length 41 mm.



E4931

### Chee Femto Lens Dissection Cannula



26 Gauge irrigating cannula with side ports designed to facilitate the dissection of the femto treated lens nucleus. The tip is designed to reach across the eye and under the capsule for the main hydrodissection as well as into the femto lens incisions and irrigating to split the lens for ease of fragment removal.



# Cannulas

## Hydrodissection

E4940

### Hu Femto Hydrodissection Cannula



This cannula has a specially designed flattened beveled tip to insert under the anterior capsular flap to direct the fine concentrated fluid stream at the capsule lens interface to help separate the capsule from the lens during hydrodissection. The 45 degree bend and 1 mm wide tip size can be inserted through the side-port incision and can be flipped over to be used in either the left or right directions. Overall length 48 mm.



## Infusion

86011

### Infusion Cannula, 4 mm, Steel Adapter



For posterior gravity-fed infusion. 4 mm beveled 20GA tip. platform for scleral suture fixation. 450 mm silicone tubing. Overall length (incl. Steel luer-lock adapter) 470 mm.



86014

### Lucke Infusion Cannula



Cannula self fixating. 5 mm shaft from platform to tip. 25GA tip beveled 45°. Slightly conical 2 mm shaft portion enlarged from 25GA to 23 GA creating gap of 0.6mm beneath platform for scleral self-fixation. 4.5 mm Ø. olive type tubing connector. 10.5 mm.



86016

### Lucke Viscous Fluid Injection Cannula



Cannula self fixating. 5mm shaft from platform to tip. 20GA tip beveled 45°. Slightly conical 2 mm shaft portion enlarged from 20GA to 19 GA creating gap of 0.6 mm beneath platform for scleral self-fixation. 4.5 mm Ø. olive type tubing connector. 10.5 mm.



86015Y2

### Viscous Fluid Injection Cannula, 5 mm



For pressurised posterior silicone oil injection. 5 mm beveled 20GA tip. platform for scleral suture fixation. 235 mm silicone tubing. Overall length (incl. knurled steel luer-lock adapter) 260 mm.



# Cannulas

## Infusion

86015Y3

### Viscous Fluid Injection Cannula, 6 mm



For pressurised posterior silicone oil injection. 6 mm beveled 20GA tip. platform for scleral suture fixation. 235 mm silicone tubing. Overall length (incl. knurled steel luer-lock adapter) 260 mm.



E5002

### Viscous Fluid Injection Cannula, 4 mm



For pressurised posterior injection. 4 mm beveled 20GA tip. platform for scleral suture fixation. 235 mm silicone tubing. Overall length (incl. knurled luer-lock adapter) 260 mm.



MVS1031

### Infusion Cannula, 2.5 mm



For posterior gravity-fed infusion. 2.5 mm beveled 20GA tip. platform for scleral suture fixation. 260 mm silicone tubing. Overall length (incl. Autoclavable plastic luer lock adapter). Overall length 270 mm.



MVS1035

### Infusion Cannula, 6 mm



For posterior gravity-fed infusion. 6 mm beveled 20GA tip. platform for scleral suture fixation. 260 mm silicone tubing. Overall length (incl. Autoclavable plastic luer lock adapter). Overall length 273 mm.



## Irrigating

83010

### LASIK Irrigation Cannula



For controlled cleaning and rinsing of the stromal bed. Angled. 10 mm from bend to tip. 27GA. 4 ports either side for stromal interface rinsing. 22 mm shaft length.



# Cannulas

## Irrigating

83011

### Cannula LASIK side & central port

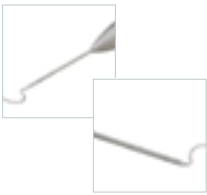


27GA with rounded tip for easy positioning under the flap. Four lateral irrigation ports either side and one central port allow for complete irrigation of the interface. Curved to follow curvature of the cornea. 8.0 mm angle from tip to end.



83012

### Stromal channel Irrigation Probe, right

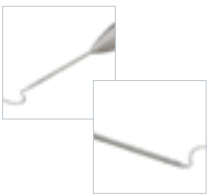


For implantation of intracorneal ring segments - femtosecond laser-assisted technique and mechanical technique. 3 lateral irrigation ports on each side with irrigation flow directed to the tip - allow for separation and simultaneous flushing of connecting tissue.



83013

### Stromal channel Irrigation Probe, left



For implantation of intracorneal ring segments - femtosecond laser-assisted technique and mechanical technique. 3 lateral irrigation ports on each side with irrigation flow directed to the tip - allow for separation and simultaneous flushing of connecting tissue.



84021

### Binkhorst Hooked Irrigation Cannula, right



22GA. Shaft 35 mm.



84022

### Binkhorst Hooked Irrigation Cannula, left



22GA. Shaft 35 mm.



85021

### Irrigation Cannula Mod. Bonn



14GA. Shaft 25 mm.



# Cannulas

## Irrigating

85041

### Enzyme Cannula

x 1



Angled. 24GA. 12 mm tip. Rounded front end.  
Bottom port. Shaft 20 mm.



85262

### Engels Infusion Cannula

x 1



21GA. Slightly curved. Shaft 18 mm.



85269

### Brauweiler Irrigation Cannula

x 1



21GA. Shaft 20 mm.



85272

### Ong Irrigation Cannula

x 1



19GA. Shaft 26 mm.



85730

### Charleux Irrigating Cannula

x 1



24GA. Curved approximately 60°. Bevelled irrigation  
port. Shaft 11 mm.



82020S

### Corneal Irrigator

x 60



Made of plastic. 33 mm. Packaged single. Sterile.  
60/box.



E4407

### Slade Refractive Cannula

x 1



26GA. Angled. Gently curved front end. flattened tip  
with top port to facilitate flap interface cleansing.



# Cannulas

## Irrigating

E4414

### Troutman Alpha-Chymotrypsin Cannula



25GA. Curved shaft with 1 mm smooth bulbous tip. Shaft 27 mm.



E4925

### Shepard Incision Irrigating Cannula



Angled. 30GA. flattened 5 mm tip for rinsing keratotomy incisions. Shaft 36 mm.



E4989

### Lane 25GA LASIK Cannula

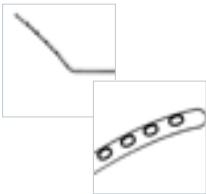


Angled. LASIK flattened tip with side ports for cleaning the stromal interface.



E4996

### Lindstrom Interface Cannula



Angled. 27GA. Gently curved 5.5 mm tip with side ports for stromal interface cleaning. Shaft 20 mm.



MVS1022

### Irrigating Cannula Handpiece



8 mm Ø white Delrin handpiece. 90 mm handle. Autoclavable. Standard male luer connector to fit cannula hub. female luer bore to fit irrigation line connector. 95 mm. 2/box.



## Irrigating Aspirating

85850

### Charleux Irrigation/Aspiration Cannula



Coaxial shaft. Curved approximately 20°. 18GA outer sleeve with two lateral 0.6 mm irrigation ports. 23GA inner cannula with 0.3 mm aspiration port in bevelled tip 30 cm. Silicone tubing and luer lock connector. 30 mm.





# Cannulas

## Irrigating Aspirating

E3123

### Terry Irrigating Scraper



Used with irrigation to stabilize the anterior chamber while gently roughening the inner stromal surface of the cornea in preparation for the graft in the DSEK procedure.



E4971G

### Simcoe Irrigation/Aspiration Unit



23GA. 0.4 mm aspiration port. Irrigation through side opening. 300 mm silicone tubing. 16 mm.

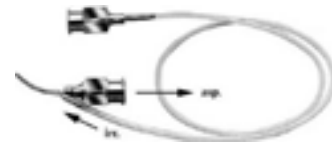


E4971RG

### Simcoe Reverse I/A Unit



Reverse version of E4971G. Irrigation through silicone tubing. Aspiration through main hub.



## Irrigating Vectus

85240

### Sheets Irrigating Vectus



23GA. Shaft 30 mm.



E0615

### Sheets Irrigation Vectus



21GA. Serrated loop 6 mm wide by 9 mm long. 3 side ports at 12, 9, and 3 o'clock. Shaft with loop 34 mm.



E0631

### Knolle-Pearce Irrigating Lens Loop



23GA. 6 x 9 mm Loop. 38 mm.



# Cannulas

## Lacrimal

ED7184

Lacrimal Cannula, 19/23GA

BAUSCH + LOMB  
Instruments

x10



Straight. 19GA shaft tapered to 23GA.  
Length excluding hub 28 mm.  
Sterile. Single use. 10/box



ED7187

Lacrimal Cannula, 25GA

BAUSCH + LOMB  
Instruments

x10



Curved. 25GA. Length excluding hub 28 mm.  
Sterile. Single use. 10/box.



81055

Bangerter Probe Cannula

BAUSCH + LOMB  
Instruments

x1

Stainless steel. 23GA. 60 x 0.6 mm.



81056

Bangerter Probe Cannula

BAUSCH + LOMB  
Instruments

x1

Stainless steel. 23GA. 40 x 0.6 mm.



81071

Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x1

Stainless steel. Straight. 19 through 25GA. Shaft 26 mm.



81072

Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x1

Stainless steel. Curved. 19 through 25GA.  
9 mm from hub to angle. 19 mm from angle to tip.



81073

Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x1

Stainless steel. Regular curved. 19 through 25GA.  
Shaft 19 mm.



# Cannulas

## Lacrimal

81074

Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x 1

Stainless steel. Short angled. 19 through 25GA.  
16 mm from hub to angle. 10 mm from angle to tip.



81061-6

Anel Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x 6

Straight. 23GA. Shaft 14 mm. 6/box.



81075Y1

Lacrimal Cannula, Model Marburg

BAUSCH + LOMB  
Instruments

x 1

22GA. 18 mm tip angled 45°. Shaft 24 mm.



81075Y3

Lacrimal Cannula, Model Marburg

BAUSCH + LOMB  
Instruments

x 1

23.5GA. 16 mm tip angled 45°. Shaft 20 mm.



81075Y4

Lacrimal Cannula, Model Marburg

BAUSCH + LOMB  
Instruments

x 1

26GA. 14 mm tip angled 45°. Shaft 18 mm.



81075Y5

Lacrimal Cannula, Model Marburg

BAUSCH + LOMB  
Instruments

x 1

27GA. 14 mm tip angled 45°. Shaft 16 mm.



81080-6

Lacrimal Cannula, Model Bonn

BAUSCH + LOMB  
Instruments

x 6

Gently curved. Shaft 20 mm. 6/box.



# Cannulas

## Lacrimal

E2516

Erickson-Lee Pigtail Cannula CCW

BAUSCH + LOMB  
Instruments



Designed with a counter-clockwise orientation. The cannulated probe with ported end, allows the use of fluid to open the lacrimal duct, improving the ease of insertion. Overall length 17.7 mm. Recommend pairing with E2517 to accommodate right and left tear duct surgeries.



E2517

Erickson-Lee Pigtail Cannula CW

BAUSCH + LOMB  
Instruments



Designed with a clockwise orientation. The cannulated probe with ported end, allows the use of fluid to open the lacrimal duct, improving the ease of insertion. Overall length 17.7 mm. Recommend pairing with E2516 to accommodate right and left tear duct surgeries.



E4223J

Johnson Lacrimal Probe

BAUSCH + LOMB  
Instruments



For E4222. With 320 mm of silicone tubing attached. Overall length 556 mm.



E4401

Shahinian Lacrimal Cannula

BAUSCH + LOMB  
Instruments



Straight. 23GA. Blunt tapered tip and side port. Shaft 11 mm.



E4404

Lacrimal Cannula

BAUSCH + LOMB  
Instruments



Straight. 23GA. 10 mm tip. Reinforced shaft. 31 mm from hub to tip.



E4408

Weil Lacrimal Cannula

BAUSCH + LOMB  
Instruments



Gently curved. 21GA. Blunt tip with top port. Shaft 34 mm.



# Cannulas

## Lacrimal

E4411

Bailey Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x 1



Straight. For infants. Blunt 23GA. 6 mm tip. Reinforced shaft. 14 mm from hub to tip.



E4418

West Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x 1



Gently curved. 23GA. Blunt tip with bottom port. Shaft 30 mm.



E4426

Fasanella Lacrimal Cannula

BAUSCH + LOMB  
Instruments

x 1



Gently curved 23GA. 22 mm tip. Reinforced shaft. 42 mm from hub to tip.



E5651

Jackson Lacrimal Intubation Set

BAUSCH + LOMB  
Instruments

x 1



Flexible stainless steel. Two 20GA probes 155 mm length with 300 mm silicone tubing. Overall length 610 mm.



## Retinal Hydrodissection

E7365

Translocation Cannula, 39GA

x 5



Retinal hydrodissection cannulas are used for hydrodissecting the retina for various macular hole procedures. 20 gauge shaft tapers to 39 gauge I.D. flexible tip. Packaged sterile. Single-Use. Overall length 32 mm. 5/box.



E7370

Translocation Cannula, 41GA

x 5



Retinal hydrodissection cannulas are used for hydrodissecting the retina for various macular hole procedures. 20 gauge shaft tapers to 41 gauge I.D. flexible tip. Packaged sterile. Single-Use. Overall length 32 mm. 5/box.



# Cannulas

## Viscoelastic

85640

### Viscoelastic Injection Cannula

21GA. 7 mm rounded tip angled 38°. Shaft 30 mm.



E0497

### Viscoelastic Injection Cannula

21GA. 5 mm rounded tip angled 50°. Shaft 29 mm.



ED7182

### Viscoelastic Cannula

27GA. 7 mm angled tip. Shaft 23 mm. 10/box.





# Corneal Markers

- LASIK Markers ..... 48
- LRI/Astigmatism Markers ..... 49
- Ring Markers ..... 50
- Scleral ..... 50
- Strabismus ..... 50
- Toric ..... 50



# Corneal Markers

## LASIK Markers

53100

LASIK Corneal Marker, 7.5 mm Ø



Tip angled 45°. Cross hairs for centering. 7.5 mm Ø.  
Overall length 106 mm.



53000T

Corneal Marker LASIK Kohlen



3 mm non-contact optical zone. Marks from 5 mm to 11.5 mm Ø. Allows for a controlled, circumferential reattachment of the corneal flap. Titanium.



53001T

Corneal Marker LASIK, 8.5 mm



For marking the cornea prior to epithelial removal.  
8.5 mm diameter. Made from titanium.



53005T

Cone Alcohol LASEK, 8.5 mm



Two concentric rings on the lower side of the alcohol cone ensure a sealed chamber. when the cone is placed onto the cornea. 8.5 mm for use with the 8 mm trephine.



53006T

Cone Alcohol LASEK, 9.5 mm



Two concentric rings on the lower side of the alcohol cone ensure a sealed chamber. when the cone is placed onto the cornea. 9.5 mm for use with 9.0 mm trephine.



9-729

Axis Marker



This two line marker is used in conjunction with the Mendez Degree Gauge to indicate the axis of astigmatism. Titanium.



ET9079

Gulani Refractive Marker



3.5 mm and 4.0 mm intersecting circles to mark the corneal flap for LASIK procedures. Titanium.  
Overall length 119 mm.





# Corneal Markers

## LRI/Astigmatism Markers

E2427

### Whitman Double-Ended LRI Marker



This double-ended LRI marker is designed using chord lengths for treatment parameters as opposed to degrees. The two astigmatic dials cover a wide range of dioptric treatments with one end marked for 3 mm, 5 mm and 7 mm lengths and the other marked for 4 mm, 6 mm and 8 mm lengths. Both ends include corresponding raised marks on the underside of the dial. In addition to use in the LRI procedure, the central mark to note axis makes this instrument ideal for marking for toric lens implants. For optimal visible marks, a surgery skin marker should be used on the underside, raised marks of the dial and the instrument should be pressed onto a dry cornea. Overall length 122 mm.



E9022

### Osher-Neumann Corneal Marker



8 Line. Marks radial lines 4.0 mm long. Inner diameter of blades is 4.5 mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Overall length 109 mm.



E902212

### Osher-Neumann Corneal Marker



12 Line. Marks radial lines 4.0 mm long. Inner diameter of blades is 4.5 mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Also available in 6 lines, 8 lines and 16 lines. Overall length 109 mm.



E902216

### Osher-Neumann Corneal Marker



16 Line. Marks radial lines 4.0 mm long. Inner diameter of blades is 4.5 mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Overall length 109 mm.



# Corneal Markers

## Ring Markers

ET3126

Corneal Markers, 8.5 mm and 9.0 mm



Designed to provide a template for scoring and stripping of Descemet's membrane during the DSEK procedure.



## Scleral

E2428

Awh Sutureless Sclerotomy Guide



Allows the surgeon to perform conjunctival displacement, conjunctival marking, scleral flattening and cannula stabilization with a single instrument. The instrument features a textured bottom for atraumatic conjunctival displacement. 3.0 and 4.0 mm marks on the top of the guide facilitate measuring entry location and a notch is provided for engaging and stabilizing the cannula hub during plug placement and removal.



## Strabismus

56120

Fink Marker



Overall length 88 mm.



## Toric

E2431

Storz Toric Bubble Marker



During the "clean" portion of the procedure, the bubble level of this instrument is positioned below the cornea while the exterior of the ring is aligned to the limbus. The marker is pressed against the corneal surface to provide marks at the horizontal axis and at 90°. Overall length 99 mm.





# Diathermy

Endodiathermy ..... 52  
Exodiathermy ..... 53



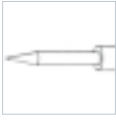
# Diathermy

## Endodiathermy

D8203

### Intraocular Diathermy Probe

x1



Designed for retinal endodiathermy. 31 mm shaft tapered from 21GA to 23GA at very delicate tip. plastic covered handle. Autoclavable. Lemos type adapter. Overall length 132 mm.



E7920

### Bipolar Eraser, 25GA, tapered

x1



Designed for retinal endodiathermy. 25GA shaft. Conical tip. Plastic covered handle. Autoclavable. Lemo type connector.



E7924

### Bipolar Eraser, 25GA, 2pin tapered

x12



Designed for retinal endodiathermy. 25GA shaft. Conical tip. 2-pin connector. Sterile single use. 12/box.



E7925

### Bipolar Eraser, 25GA, 2pin blunt

x12



Designed for retinal endodiathermy. 25GA shaft. 45° beveled tip. 2-pin connector. Sterile single use. 12/box.



E7926

### Bipolar Eraser, 25GA, lemo tapered

x12



Designed for retinal endodiathermy. 25GA shaft. Conical tip. Lemos type connector. Sterile single use. 12/box.



E7927

### Bipolar Eraser, 25GA, lemo blunt

x12



Designed for retinal endodiathermy. 25GA shaft. 45° beveled tip. Lemos type connector. Sterile single use. 12/box.



E7929

### Bipolar Eraser, 20GA, lemo tapered

x12



Designed for retinal endodiathermy. 20GA shaft. Conical tip. Lemo type connector. Sterile single use. 12/box.



# Diathermy

## Endodiathermy

E7930

Bipolar Eraser, 23GA, lemo tapered



Designed for retinal endodiathermy. 23GA shaft. Conical tip. Lemos type connector. Sterile single use. 12/box.



E7931

Bipolar Eraser, 23GA, 2pin tapered



Designed for retinal endodiathermy. 23GA shaft. Conical tip. 2-pin connector. Sterile single use. 12/box.



## Exodiathermy

D8200

Straight Bipolar Forceps



0.5 mm tip. Autoclavable. Lemos type adapter. Overall length 90 mm.



D8201

Bipolar Eraser



For scleral haemostasis. 28.5 mm shaft with 45° beveled tip. plastic covered handle. Autoclavable. Lemos type adapter. Overall length 131 mm.



E7928

Bipolar Scleral Eraser



Designed for scleral haemostasis. 45° beveled tip. Lemos type connector. Sterile single use. 12/box.



S20501

Jeweler Type Bipolar Forceps



Straight. micro-tips. Overall length 119 mm.



# Diathermy

## Exodiathermy

S205010A

### McPherson Bipolar Forceps

x 1



Angled 45°. 4 mm jaws. Overall length 91 mm.



S205010S

### McPherson Bipolar Forceps

x 1



Straight. 4 mm jaws. Overall length 94 mm.



S205014A

### Shepard Bipolar Forceps

x 1



Angled 45°. 4 mm platforms. Overall length 115 mm.



S205015

### Osher Bipolar Coaptation Forceps

x 1



For Storz equipment. Curved shaft with 2 mm angled platform. Overall length 116 mm.



S205016

### McCullough Bipolar Forceps

x 1



Straight. Rounded tips. Overall length 108 mm.



S20509

### Bipolar Coaptation Forceps

x 1



3.5 mm angled platforms. Overall length 117 mm.



# Extrusion/ Backflush Handpieces

Backflush..... 56  
Extrusion..... 58



# Extrusion/Backflush Handpieces

## Backflush

85190

### Backflush Handpiece

Side port. Luer connector. Overall length 110 mm.



85201

### Aspirating Cannula

20GA. 0.9 mm. For backflush handpieces with luer connector. Shaft 34 mm.



85304

### Cannula Backflush, 25GA

Designed for 25GA vitrectomy. Cannula length 34 mm. For use with backflush handpiece mod. Essen. Art. No. 85301Y1. For single use only.



85201Y1

### Heimann Aspirating Cannula

20GA. 5 mm tip tapered to 25GA. For backflush handpieces with luer connector. Shaft 39 mm.



85301Y1

### Backflush Handpiece, Model Essen

Silicone insert with vent hole for passive aspiration. Screw-on tip for cannulas 85302Y2 and 85304. Overall length 145 mm.



85302Y2

### Disposable Backflush Cannula Tip

Straight. 20GA. 1 mm silicone brush tip. For use with backflush handpiece 85301Y1. Shaft (incl. Brush) 33 mm. Non-sterile.



85303Y1

### Silicone Insert

Spare part for backflush handpiece 85301Y1.





# Extrusion/Backflush Handpieces

## Backflush

E0524 25GA

### Backflush Cannula, 25 Gauge

x 1



Reusable 25 gauge cannula for use with the E4812 Backflush Handpiece or with a syringe for injection into the posterior segment.



SUJ08

### Backflush/Extrusion Handpiece, 20GA

for active & passive aspiration with blunt tip

x 6



20G handpiece with blunt tip, grey colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



SUJ09

### Backflush/Extrusion Handpiece, 20GA

for active & passive aspiration with soft tip brush

x 6



20G handpiece with soft tip brush, grey colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



SUJ10

### Backflush/Extrusion Handpiece, 20GA

for active & passive aspiration with soft tip

x 6



20G handpiece with soft tip, grey colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



SUJ11

### Backflush/Extrusion Handpiece, 23GA

for active & passive aspiration with blunt tip

x 6



23G handpiece with blunt tip, green colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



# Extrusion/Backflush Handpieces

## Backflush

SUJ12

### Backflush/Extrusion Handpiece, 23GA

for active & passive aspiration with soft tip brush



23G handpiece with soft tip brush, green colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



SUJ13

### Backflush/Extrusion Handpiece, 23GA

for active & passive aspiration with soft tip



23G handpiece with soft tip, green colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



SUJ14

### Backflush/Extrusion Handpiece, 25GA

for active & passive aspiration with blunt tip



25G handpiece with blunt tip, blue colour coding ring. Delivered with silicone tube with male and female luer connector either for connection to the machine or for connection to the handpiece without use of the machine to facilitate flow outside of immediate surgical field. Male luer slip coupler for connection to machine tubing. Non vented male luer cap, optional for use as backflush handpiece.



## Extrusion

MVS1052

### Extrusion Handpiece



20GA. 35 mm shaft. 2 mm tapered 27GA. Blunt tip. End port. 50 mm white Delrin handle. Autoclavable. female luer bore. 84 mm.



# Extrusion/Backflush Handpieces

## Extrusion

SUJ01

### Passive Aspiration Handpiece, 23GA



Passive Aspiration Handpiece 23 Gauge ready for use with 3.0 mm soft tip cannula. For passive aspiration of fluid from the eye during vitreoretinal procedures. Soft flexible tip on the cannula designed for atraumatic entry through retinal or macular tears or holes. Single Use, packaged sterile, 12/box.



SUJ02

### Passive Aspiration Handpiece, 25GA



Passive Aspiration Handpiece 25 Gauge ready for use with 1.5 mm soft tip cannula. For passive aspiration of fluid from the eye during vitreoretinal procedures. Soft flexible tip on the cannula designed atraumatic entry through retinal or macular tears or holes. Single Use, packaged sterile, 12/box.



SUJ03

### Passive Aspiration Handpiece, 23GA



Passive Aspiration Handpiece 23 Gauge ready for use with 1.5 mm soft tip cannula. For passive aspiration of fluid from the eye during vitreoretinal procedures. Soft flexible tip on the cannula designed for atraumatic entry through retinal or macular tears or holes. Single Use, packaged sterile, 12/box.



SUJ06

### Passive Aspiration Handpiece, 23GA



Passive Aspiration Handpiece 23 Gauge ready for use with blunt cannula. For passive aspiration of fluid from the eye during vitreoretinal procedures. Soft flexible tip on the cannula designed for atraumatic entry through retinal or macular tears or holes. Single Use, packaged sterile, 12/box.



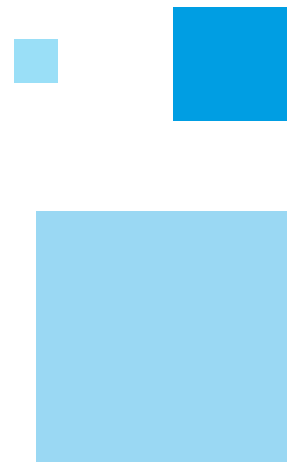
SUJ07

### Passive Aspiration Handpiece, 25GA



Passive Aspiration Handpiece 25 Gauge ready for use with blunt cannula. For passive aspiration of fluid from the eye during vitreoretinal procedures. Soft flexible tip on the cannula designed for atraumatic entry through retinal or macular tears or holes. Single Use, packaged sterile, 12/box.







# Eye Shields



# Eye Shields

99272

## Klein Eye Shield

Child size. white. 13 holes of 4 mm Ø. Non-sterile.  
Autoclavable. 45 x 55.5 mm.



99273

## Klein Eye Shield

For newborn. white. 13 holes of 3 mm Ø. Non-sterile.  
Autoclavable. 39.5 x 44.5 mm.



99275

## Klein Eye Shield

White. 13 holes of 6 mm Ø. Non-sterile. Autoclavable.  
75 mm. Packaged 50/box.



99281Y4

## Klein Eye Shield

Transparent. With 20 mm Ø central hole. Non-sterile.  
75 x 65 mm.



99441Y1

## Cornea Silicone Light Shield

For corneal protection. Non-sterile. Autoclavable.  
Blue. 18 mm.



99441Y2

## Cornea Silicone Light Shield

Transparent. For corneal protection. Non-sterile.  
Autoclavable. Light blue. 18 mm.



# Eye Shields

99441Y5

## Cornea Light Shield, black

For corneal protection. Non-sterile. Non thermo-stable.  
Do not heat above 60 °C. 18 mm.



E5699

## Corneal Crouch Protector

Developed for oculoplastic procedures for corneal and scleral protection. Horizontal inner diameter 24.2 mm, horizontal outer diameter 25.8 mm, vertical inside diameter 22.0 mm, vertical outside diameter 23.5 mm, inside height 8.7 mm. Dimensions enable protector to rest on the sclera and not on the cornea.

Easily removed with fine tissue forceps.  
Individually packaged sterile. 10/box.



E5699 P

## Corneal Crouch Protector, Pediatric

Developed for oculoplastic procedures for corneal and scleral protection. Horizontal inner diameter 16.0 mm, horizontal outer diameter 17.0 mm, vertical inside diameter 16.0 mm, vertical outside diameter 17.0 mm, inside height 7.0 mm. Dimensions enable protector to rest on the sclera and not on the cornea.

Easily removed with fine tissue forceps.  
Individually packaged sterile. 10/box.

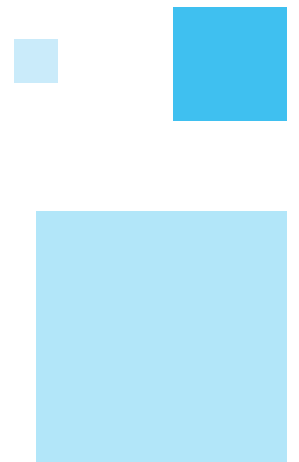


ET4600

## Khan Scleral Shield

Helps to protect the globe during laser assisted blepharoplasty procedures. Titanium. 23 x 28 mm.









# Fixation Rings



# Fixation Rings

56060

## Bulb Rings

6/Box. 14-24 mm.



x 6

E2424

## Josephberg Hilton Stabilizing Plate

The serrated edge of this reusable Stabilizing Plate applies pressure to the globe to add firmness and stability while inserting 25 gauge or 23 gauge trocar/cannulas for vitrectomy. The slot is aligned to measure an approximate distance of 3.5 mm from the limbus which is the targeted pars plana zone. The centre opening of the plate is large enough to insert the trocar/cannulas at an appropriate angle while keeping the eye steady and firm. Overall length 81 mm.



x 1

E4033

## McNeil Goldman Scleral and Blepharostat Ring

Scleral and blepharostat ring. Adult size.  
17/24 mm diameter.



x 1

E403412

## Flieringa Fixation Ring

12 mm.



x 1

E403413

## Flieringa Fixation Ring

13 mm.



x 1

E403414

## Flieringa Fixation Ring

14 mm.



x 1

# Fixation Rings

E403415

Flieringa Fixation Ring

15 mm.



E403416

Flieringa Fixation Ring

16 mm.



E403417

Flieringa Fixation Ring

17 mm.



E403418

Flieringa Fixation Ring

18 mm.



E403419

Flieringa Fixation Ring

19 mm.



E403420

Flieringa Fixation Ring

20 mm.



E403421

Flieringa Fixation Ring

21 mm.



E403422

Flieringa Fixation Ring

22 mm.



# Fixation Rings

E9012

## Nichamin Fixation Ring and Gauge



Open 14 mm fixation ring with fine teeth to prevent damage to conjunctiva. Gauge is marked every  $10^{\circ}$  to determine the extent of the arc to be incised. Two broad marks align with steep axis. Overall length 112 mm.



E9018

## Fine-Thornton Fixation Ring



Open ring design. 16 mm diameter ring with shaft angled  $45^{\circ}$ . Blunt teeth. Round knurled handle with dull finish. Overall length 75 mm.



ET9019

## Thornton Fine Fixation Ring



Open ring design for globe fixation during various ocular procedures. 16 mm in diameter with blunt fixation points. Swivel handle provides increased flexibility. Titanium. Overall length 108 mm.



ET9020

## Thornton Fine Fixation Ring



Open ring design for globe fixation during various ocular procedures. 13 mm in diameter with blunt fixation points. Swivel handle provides increased flexibility. Titanium. Overall length 107 mm.



ET9044

## Devgan-Seibel Fixation Ring



Marks on the top of the ring are spaced  $60^{\circ}$  on either side of the centre of the ring opening. Serving as a guide for placement of a paracentesis  $60^{\circ}$  from the temporal clear corneal incision in coaxial phaco. or for placement of two micro incisions  $120^{\circ}$  apart in bi-manual phaco. The closed side of the fixation ring features marks that are  $30^{\circ}$  apart to serve as a guide for LRI nomograms. Overall length 117 mm.





## Forceps

Capsule.....	70
Capsulorhexis.....	70
Chalazion.....	74
Cilia.....	75
Conjunctival.....	76
Corneal.....	77
Cracking.....	80
Fixation.....	80
Intraocular Lens.....	83
Iris.....	85
Lid.....	86
Miscellaneous.....	87
Muscle.....	89
Mosquito.....	90
Retinal.....	91
Scleral Plugs.....	97
Suturing.....	97
Tissue.....	102
Towel/Serrefine.....	105
Tying.....	106



# Forceps

## Capsule

E2028

### Castroviejo Capsule Forceps

x 1



2.5 mm cups angled 50°. 10 mm from angle to tip. Serrated cross action handle. Overall length 104 mm.



E2030

### Kansas Nuclear Fragment Forceps

x 1



Two rows of teeth on jaws. Overall length 110 mm.



E2077

### Osher Capsule-Foreign Body Forceps

x 1



Fine 3 mm platforms. Angled 60°. Overall length 80 mm.



E3199 GW

### Gills-Welsh Smith Capsule Forceps

x 1



Smooth Colibri tip used to grasp and subsequently retract the capsule during nucleus delivery. Serrated handle. Overall length 73 mm.



## Capsulorhexis

65050

### Capsulorhexis Forceps

x 1



Curved. Overall length 102 mm.



2-719

### Utrata Capsulorhexis Forceps

x 1



The popular Utrata Capsulorhexis forceps in a titanium version. The ultra-fine tips are designed with an iris stop and angled platform tips for grasping delicate capsule. Titanium. Overall length 85 mm.



## Capsulorhexis

E2002 C

### Lehner-Utrata Capsulorhexis Forceps

x 1



Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Overall length 80 mm.



E2002 F

### Utrata Capsulorhexis Forceps

x 1

SUB  
2 mm



Delicate, fine angled tips ideal for grasping delicate capsule during 1.8 mm MICS procedures. And 12 mm shafts. Overall length 87 mm.



E2002 G

### Gimbel Capsulorhexis Forceps

x 1



Similar in construction to the E2002 Utrata Capsulorhexis forceps with jaw set to open only 3 mm. Overall length 80 mm.



E2002 GE

### Utrata Capsulorhexis Forceps

x 1



Fine angled tips and 12 mm shafts. With iris stop. Overall length 87 mm.



E2002 M

### Utrata MICS Capsulorhexis Forceps

x 1

SUB  
2 mm



Fine angled tips ideal for grasping delicate capsule during 1.8 mm MICS procedures. Angled 12 mm shafts with iris stop allows ease of movement in the anterior chamber. Flat handle with dull finish. Overall length 80 mm.



E2002 R

### O'Gawa-Utrata Capsulorhexis Forceps

x 1



Fine angled tips with angled 12 mm shafts and iris stop. Round handle. Overall length 112 mm.



E2002 RC

### Utrata Lehner Capsulorhexis Forceps

x 1



Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Round handle. Overall length 112 mm.



## Capsulorhexis

E2002S

### Utrata Capsulorhexis Forceps

x 1



The popular E2002 Utrata Capsulorhexis forceps with fine angled sharp tips. Angled 12 mm shafts with an iris stop. Flat handle. Overall length 80 mm.



E2026

### Silverstein MICS 1.8 mm Capsulorhexis Forceps

x 1

SUB  
2 mm



This unique styled forceps are ultra-thin profile. Allowing maximum manoeuvrability through a sub-2.0 mm incision. Without oar-locking or unnecessary distortion of the wound architecture during capsulorhexis. In addition the 5.0 mm and 6.0 mm marks on the anterior blade surface are designed to create a consistent, central capsulorhexis. Overall length 81 mm.



ET1088TS

### Capsulorhexis Forceps Micro Tip

x 1

SUB  
2 mm



This forceps tip is designed with a pick type tip and is ideal for performing a capsulorhexis through a 1.4 mm incision. Has a gently curved shaft for excellent hand placement and control. Uses the ET8190 H Fixed Coaxial Handle (sold separately). Shaft length (hub to tip) 15 mm.



ET1202

### Utrata MICS Capsulorhexis Forceps

x 1

SUB  
2 mm



Fine angled tips ideal for grasping delicate capsule during 1.8 mm MICS procedures. Angled 13 mm shafts with iris stop designed to ease the movement in the anterior chamber. Titanium. Overall length 107 mm.



ET2002

### Utrata Capsulorhexis Forceps

x 1



Fine angled tips ideal for grasping delicate capsule. Angled 12 mm shafts with iris stop designed to ease the movement in the anterior chamber. Flat handle. Titanium. Overall length 80 mm.



ET2002RC

### Lehner Utrata Capsulorhexis Forceps

x 1



Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Round handle. Titanium. Overall length 112 mm.





## Capsulorhexis

ET2009

### Maloney Capsulorhexis Forceps

x 1



Titanium forceps with gently curved jaws and ultra fine sharpened tips for puncture and grasping the capsule. Round handle is excellent for finger-tip control. Overall length 104 mm.



ET2012

### Devgan Micro Capsulorhexis Forceps

x 1



The ultra-fine tips of this cross action forceps are ideal for today's small incision procedures. The mildly sharpened tips allow the surgeon to puncture the capsule without the need to open with a cystotome. By slightly tilting the forceps and entering the capsule with one tip. The surgeon can then close the forceps to securely grab the lens capsule for Capsulorhexis formation. The iris stop feature allows the surgeon excellent grasp of the capsule without engaging the iris. Gently curved tip follows the intra-ocular anatomical contour and the modified round handle allows for comfortable hand position during the capsulotomy. The cross action handle allows for excellent alignment of the fine tips. Marks on shafts 2.5 mm and 5.0 mm from tip end. Manufactured in titanium for durability. And reduced glare and weight. Overall length 119 mm.



ET8190H

### Capsulorhexis Forceps Handle Titanium

x 1

Non rotating handle for capsulorhexis tip in MICS procedures. Squeeze handle is easily activated. Titanium. Overall length 111 mm.



SUE01-12

### Capsulorhexis Forceps

x 12



Angled jaws. 11.5 mm jaw length. fine sharp tips. 100 mm overall length. Packaged single. Sterile. 12/box



SUE06-12

### MICS Capsulorhexis Forceps

x 12



SUB  
2 mm



Fine angled tips ideal for grasping delicate capsule during MICS 1.8 mm procedures. Angled shafts allows ease of movement in the anterior chamber. Packaged single. Sterile. 12/box



# Forceps

## Capsulorhexis

SUE07-12

### Capsulorhexis Forceps with markings



The forceps shafts with markings at 2.75 mm/3.0 mm (radius) and 5.5 mm/6.0 mm (diameter), for determining the diameter for capsulorhexis. Fine angled tips ideal for grasping delicate capsule also during MICS 1.8 mm procedures. Angled shafts allows ease of movement in the anterior chamber. Packaged single. Sterile. 12/box.



SUE08-12

### MICS Capsulorhexis Forceps with curved jaws



Fine angled tips ideal for grasping delicate capsule during MICS 1.8 mm procedures. Angled curved shafts allows ease of movement in the anterior chamber. Packaged single. Sterile. 12/box



## Chalazion

62021

### Desmarres Chalazion Forceps

BAUSCH + LOMB  
Instruments



20 mm jaws. Overall length 88 mm.



62022

### Desmarres Chalazion Forceps

BAUSCH + LOMB  
Instruments



26 mm jaws.



62023

### Desmarres Chalazion Forceps

BAUSCH + LOMB  
Instruments



31 mm jaws.



E2604

### Desmarres Chalazion Forceps

BAUSCH + LOMB  
Instruments



Oval solid 24 mm wide lower plate. Open upper plate with inside dimensions 12 mm x 20 mm. Serrated handle with locking thumb screw. Overall length 92 mm.



# Forceps

## Chalazion

E2610

Francis Chalazion Forceps

BAUSCH + LOMB  
Instruments



Oval solid 17 mm wide lower plate. Open upper plate with inside dimensions 12 mm x 14 mm. Serrated handle with locking thumb screw. Overall length 97 mm.



E2614

Heath Chalazion Forceps

BAUSCH + LOMB  
Instruments



Oval solid 16 mm wide lower plate. Open upper plate with inside dimensions 12 mm x 14 mm. Serrated handle with locking thumb screw. Overall length 96 mm.



E2618

Hunt Chalazion Forceps

BAUSCH + LOMB  
Instruments



Round solid 15 mm wide lower plate. Open upper plate with inside diameter 12 mm. Serrated handle with locking thumb screw. Overall length 97 mm. 3.8 inches.



E2632

Lambert Chalazion Forceps

BAUSCH + LOMB  
Instruments



Round solid lower plate. Open upper plate with inside diameter 15 mm. Serrated handle with locking thumb screw. Overall length 97 mm.



E2640

Baird Chalazion Forceps

BAUSCH + LOMB  
Instruments



Oval solid 15 mm wide lower plate. Open upper plate with inside dimensions 11 mm x 8 mm. Serrated handle with locking thumb screw. Overall length 97 mm.



## Cilia

61010

Beer Cilia Forceps



Round point. Overall length 78 mm.



# Forceps

## Cilia

61040

### Henry Cilia Forceps

Straight jaws. Overall length 99 mm.



61050

### Gradle Cilia Forceps

Rounded jaws. Overall length 100 mm.



61080

### Barraquer Cilia Forceps

Overall length 111 mm.



E2156

### Cilia Forceps

1x3 mm smooth platforms. Overall length 76 mm.



E2160

### Cilia Forceps

Narrow smooth jaws. Overall length 83 mm.



## Conjunctival

62130

### Draeger Conjunctiva Forceps

Two pins 0.5 mm. 1.0 mm tip. Overall length 99 mm.



# Forceps

## Conjunctival

E2508

Original Putterman Clamp

BAUSCH + LOMB  
Instruments

x 1



Designed for use during a Muller's muscle-conjunctival resection ptosis procedure. The clamp is used to incorporate conjunctiva and Muller's muscle between the superior tarsal border and the marking suture in order for suturing and resection to occur.



## Corneal

63020

Corneal flap Forceps LASIK

x 1



Smooth tip forceps allows to manipulate and smooth the corneal flap. Also ideal for grasping/holding foldable IOLs. Tip angled 11 mm.



63031

Colibri Type Forceps

x 1



5 mm tying platform. Overall length 75 mm.



63032

Colibri Type Forceps

x 1



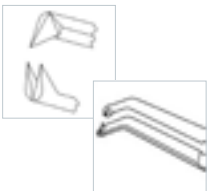
Extra delicate. 5 mm tying platform. Overall length 77 mm.



63038

Troutman-Barraquer Colibri Type Forceps

x 1



Extremely fine. 0.12 mm teeth. Overall length 73 mm.



2-132

Colibri Forceps

x 1



1 x 2 teeth 0.12 mm. 6 mm tying platform. 2 mm angled tips. Titanium. Overall length 86 mm.



# Forceps

## Corneal

2-135

### Colibri Forceps Long



1 x 2 teeth 0.12 mm. 6 mm tying platform. 2 mm angled tips. Titanium. Overall length 114 mm.



E1789

### Hu Femto Incision Spreader



This specially designed forceps offers a curved shaft design and a micro-spreader tip configuration to easily insert into the femtosecond cataract incision, the side-port incision and the astigmatism incision prepared by the laser. Once the tips are in place, the cross action handle is compressed expanding the width of the jaws to gently open the incision. Overall length 99 mm.



E2015

### Snyder Stripping Forceps



Tips of these forceps are angled upwards to grasp the edge of Descemet's membrane to complete the stripping technique. Iris stop designed to grasp the membrane without grasping iris or other ocular structures. Overall length 83 mm.



E2039

### Carlson DSEK Graft Forceps



These forceps are designed to grasp the graft for insertion into the anterior chamber. The forceps platforms at the tip provide secure grasp at the tip and a platform at the rear of the forceps arms provide a mechanical stop. Overall length 85 mm.



E3190

### Katzin-Barraquer Corneal Forceps



7 mm tying platform with 1 x 2 teeth 0.4 mm. Overall length 73 mm.



E3193

### Girard Corneoscleral Colibri Forceps



Left hand. 1 x 2 teeth 0.12 mm. 6 mm tying platforms. Overall length 107 mm.



# Forceps

## Corneal

E3196

### O'Gawa Corneal Colibri Forceps



1 x 2 teeth 0.12 mm. Overall length 106 mm.



E3197

### Troutman-Barraquer Corneal Utility Forceps



Colibri style. 6 mm tying platform. 1 x 2 teeth set at 45° 0.5 mm. Overall length 72 mm.



E3199

### Troutman-Barraquer Corneal Utility Forceps



Colibri style. 1 x 2 teeth 0.12 mm. Overall length 73 mm.



E3203.012

### Kansas Corneal Colibri Forceps



2 x 2 teeth at 45° 0.12 mm. 7 mm tying platform. Overall length 107 mm.



E3215

### Polack Double Corneal Colibri Forceps



Two 2.75 mm tips separated by 1 mm. 1 x 2 teeth. Overall length 71 mm.



ET3122

### Charlie Forpces II



Designed to compress only at the tips to insert the donor tissue and maximize endothelial survival in the DSAEK, DSEK and DLEK procedures. The forceps have been modified with a 150 micron space between the tips.



# Forceps

## Corneal

ET3199

### Colibri Forceps 0.12

x 1



0.12 mm 1 x 2 teeth. Titanium. Overall length 73 mm.



## Cracking

2-800

### A. W. Brown Nucleus Cracker Forceps

x 1



A reverse action instrument with paddle tips to provide a solid surface to crack the nucleus when used in a scleral tunnel. The reverse action mechanism allows increased flexibility in positioning the instrument tips. Titanium. Overall length 98 mm.



E0740

### Slade Vertical Nucleus Cracker

x 1



Used in femtosecond laser cataract techniques. Designed to fit through incisions as small as 0.8 mm. Use with ET8190 H Fixed Coaxial Handle. Overall length 53 mm.



E0741

### Slade Coaxial Chopper

x 1



Designed for use in femtosecond laser cataract techniques. The instrument features two 90° flat tips designed to assist in the separation of nuclear cracks. Designed to fit through incisions as small as 0.8 mm. Use with ET8190 H Fixed Coaxial Handle. Overall length 46 mm.



## Fixation

66030

### Elschnig Scleral Forceps

x 1

Overall length 110 mm.





# Forceps

## Fixation

E1553

### Moody Fixation Forceps

x 1



Curved. 1 x 2 0.5 mm teeth. Overall length 108 mm.



E1560

### Graefe Fixation Forceps

x 1



With narrow 3.5 mm jaws. Fine teeth. Without lock. Overall length 108 mm.



E1572

### Graefe Fixation Forceps

x 1



With wide 4.5 mm jaws. Fine teeth. With lock. Overall length 108 mm.



E1600

### Green Fixation Forceps

x 1



Narrow 12 mm jaws. fine teeth. Without lock. Overall length 100 mm.



E1654

### Lester Fixation Forceps

x 1



Fine 1 x 2 teeth. Overall length 96 mm.



E1656

### Lester Fixation Forceps

x 1



Fine 2 x 3 teeth. Overall length 96 mm.



E1684

### Elschnig Fixation Forceps

x 1



Straight shafts with 2.0 mm. 1 x 2 Elschmig style teeth. Narrow handle. Overall length 109 mm.



## Fixation

E1717

### Osher Conjunctival Fixation Forceps



Straight shafts with 5.5 mm tying platform. 45° teeth 0.3 mm. Overall length 108 mm.



E1730

### Thorpe Conjunctival Fixation Forceps



Straight shafts with 90 degree. 2 x 3 teeth. With tying platform. Overall length 94 mm.



E1732

### Thorpe Corneal Fixation Forceps



Straight shafts with 45 degree. 2 x 3 teeth 0.12 mm. Overall length 94 mm.



E1735

### MacGregor Fixation Forceps



Straight shafts . 5.5 mm tying platform. 1 mm serrated tip. Overall length 108 mm.



E1736

### MacGregor Fixation Forceps

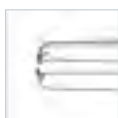


Straight shafts. 5.5 mm tying platform. 1 mm serrated tip. wide handle. overall length 108 mm.



E1793

### Castroviejo Fixation Forceps



Straight shafts. 1 x 2 teeth 0.3 mm. Overall length 108 mm.



E1795

### Castroviejo Fixation Forceps



1 x 2 teeth 0.5 mm. Overall length 109 mm.



# Forceps

## Fixation

E1943 22

### Colibri Forceps, Fine

x 1



0.1 mm Pierse tips. Overall length 78 mm.



E6768

### Lester Fixation Forceps

x 1



1 x 2 teeth. Non-magnetic. Overall length 95 mm.



SUE02-12

### Bonn Forceps

x 12



Straight jaws. 1x2 teeth 0.12 mm. 3.5 mm tying platform. For tissue manipulation and bulbus fixation. 100 mm overall length. Packaged single. Sterile. 12/box.

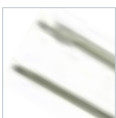


## Intraocular Lens

ET2912 CE

### IOL Loading Forceps

x 1



This IOL loading forceps is designed for the use with BLIS injector. The forceps grasps and places the IOL into the IOL cartridge.



2-700

### Shepard IOL Forceps

x 1



Curved 18 mm shaft. 1.5 mm tip. Titanium. Overall length 108 mm.



65245

### IOL Grasping Forceps

x 1



Delicate round jaws, angled 50°. Overall length 110 mm.



# Forceps

## Intraocular Lens

65256

### Implant Forceps f. Foldable IOL



Concave jaws, angled 55°. Overall length 110 mm.



65400

### Doden Implant Forceps



With perforated handle. 9 mm jaws.  
Overall length 120 mm.



65470

### Witschel Implant Forceps



Slim 9 mm shafts. Angled 40°. Concave tips.  
Overall length 72 mm.



65520

### Forceps Folding Akreos



45° angled. 14.5 mm angle from tip to bend.



E2976

### Osher-Seibel IOL Folding Forceps



For easy folding of soft IOLs. Gently curved jaws with bottom platforms at tip. Serrated handle ensures firm grip. Overall length 107 mm.



# Forceps

## Intraocular Lens

E2988

### Thornton Implant Forceps



Facilitates grasping and implanting the haptic loop beneath the pupil margin and within the capsular bag without wrist twisting. Angled 45° 11 mm long jaws are placed in the same vertical plane as the handle. Smooth, flat cross action handle. Overall length 86 mm.



ET2905

### Buratto Insertion Forceps - Angled



Used for implantation of foldable lenses. Angled tip with slightly curved fine 8 mm jaws. Titanium. Overall length 106 mm.



65530

### Juenemann IOL Explantation Forceps



The serrated forceps is designed for explantation of Silicone IOLs without cutting. The serrations of the slim jaws help to securely grasp the IOL inside the capsular bag. Minimum incision size is 2.5 mm.



E2014

### Implant Removal Forceps



Designed to provide an excellent grasp of the lens optic or lens segment to efficiently remove from the anterior chamber. Excellent for acrylic and silicone IOLs. Cross action and thin instrument shaft allows insertion through the small wound. Overall length 120 mm.



## Iris

64090

### Iris Forceps, Mod. Bonn



Delicate. Overall length 75 mm.



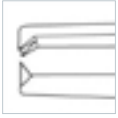
# Forceps

## Iris

64091

### Iris Forceps, Mod. Bonn

x 1



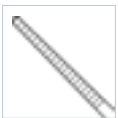
Delicate. Angular. Overall length 75 mm.



64220

### Iris Forceps, Bonn-Conrads

x 1



Serrated. Overall length 73 mm.



64230

### Iris Forceps, Mod. Bonn-Ulm

x 1



Overall length 74 mm.



E1416

### Bracken Iris Forceps

x 1



Delicate lightly curved shaft. Serrated tips. Overall length 98 mm.



E1475

### Gill Curved Iris Forceps

x 1



Delicate curved shafts. Serrated tips. Serrated handle. Overall length 72 mm.



## Lid

E2500

### Berke Ptosis Forceps

BAUSCH + LOMB  
Instruments

x 1

20 mm blades. Curved shafts. Straight blades. With lock. Overall length 98 mm.



# Forceps

## Lid

E2504

### Berke Ptosis Forceps

BAUSCH + LOMB  
Instruments



27 mm blades. Curved shafts. Straight blades. With lock.  
Overall length 104 mm.



E2515

### Erickson-Lee Ptosis Clamp

BAUSCH + LOMB  
Instruments



Offers contoured, refined jaws for improved fit to the eye, increased visibility and ease of suturing. Offers a secure grip of the tissues while easily locking and releasing. The slide lock design aids in positioning the clamp during use. Overall length 96mm.



## Miscellaneous

E1946

### Jewelers Type Forceps



3 mm crisscross serrated tying platforms. wide handle.  
Overall length 109 mm.



E1890

### Nugent Utility Forceps



Angled smooth 10 mm jaws. Overall length 107 mm.



E1892

### Nugent Utility Forceps



Angled serrated 10 mm jaws. Overall length 107 mm.



E1900

### Wills Hospital Utility Forceps



13 mm serrated platforms. Overall length 109 mm.



# Forceps

## Miscellaneous

E1904

### Bonaccolto Utility Forceps



Small 1.2 x 16 mm platforms. Overall length 108 mm.



E1906

### Bonaccolto Utility Forceps



Medium. 1.7 x 16 mm platforms. Overall length 108 mm.



E1918

### Forceps Alabama University



V-grooved 15 mm platforms. Overall length 92 mm.



E1947 T1

### Tying Forceps Jewelers Type



Fine tips. 6 mm tying platforms. Overall length 120 mm.



E1947 T5

### Tying Forceps Jewelers Type



Very fine narrow shafts. 6 mm tying platforms. Overall length 110 mm.



E8164

### Kennerdell Bayonet Forceps



Bayonet shafts with serrated tips. Serrated handle with dull finish. Tip to bend: 83 mm. Tips: 17 mm. Serrated. Without teeth. Overall length 160 mm.



67050

### Bangerter Muscle Clamp



Overall length 103 mm.





# Forceps

## Muscle

67120

### DeDecker Muscle Forceps



Tip 40° angled. 7 mm from tip to bend. Inner jaws serrated. Overall length 127 mm.



E2304

### Bishop Tendon Tucker



Triangular tips. marked for 5 and 10 mm tucks. Overall length 117 mm.



E2330

### Jameson Muscle Forceps



Left. Angled shafts. 12 mm scaled jaws. 1 mm teeth on one jaw fit into holes on the other jaw. With lock. 100 mm.



E2331

### Jameson Muscle Forceps



Right. Angled shafts. 12 mm scaled jaws. 1 mm teeth on one jaw fit into holes on the other jaw. With lock. 100 mm.



E2334

### Jameson Muscle Forceps-Child Size



Left. Angled shafts. 9 mm scaled jaws. 1 mm teeth on one jaw fit into holes on the other jaw. With lock. 99 mm.



E2335

### Jameson Muscle Forceps-Child Size



Right. Angled shafts. 9 mm scaled jaws. 1 mm teeth on one jaw fit into holes on the other jaw. With lock. 99 mm.



## Mosquito

77021

### Halstead Straight Hemostatic Forceps

Straight 20 mm serrated jaws. 1 x 2 teeth at tip.  
Ring handle with ratchet lock. 123 mm.



E3915

### Hartman Straight Hemostatic Forceps

Straight 20 mm serrated jaws. Ring handle with ratchet lock. Overall length 99 mm.



E3916

### Hartman Curved Hemostatic Forceps

Curved 20 mm serrated jaws. Ring handle with ratchet lock. Overall length 99 mm.



E3920

### Halstead Straight Hemostatic Forceps

Straight 22 mm serrated jaws. Ring handle with ratchet lock. Overall length 125 mm.



E3922

### Halstead Curved Hemostatic Forceps

Curved 22 mm serrated jaws. Ring handle with ratchet lock. Overall length 120 mm.



E6772

### Halstead Straight Hemostatic Forceps

Straight 21 mm serrated jaws. Ring handle with ratchet lock. Non-magnetic. Overall length 122 mm.



## Mosquito

E6773

### Halstead Curved Hemostatic Forceps



Curved 21 mm serrated jaws. Ring handle with ratchet lock. Non-magnetic. Overall length 120 mm.



## Retinal

65365

### Trocar Ports Grasping Forceps



Forceps for grasping trocar ports in 23G and 25G PPV surgery. For easy removal of trocar port from sclera. Compatible with the Bausch + Lomb Entry Site Alignment (ESA) valved cannula system.



E5378

### Watzke Sleeve Spreading Forceps



Designed to spread silicone sleeves for circling bands. Serrated 10 mm tips. Angled 30°. Overall length 114 mm.



ET8198H

### ET8198H StableGrip™ Vitreoretinal Handle

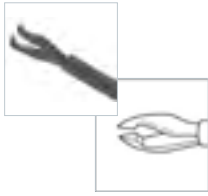
This contoured handle is ideal for all StableGrip™ vitreoretinal tips. The enhanced activation design facilitates smooth and consistent tip closure. The fingertip rotation control allows for accurate tip alignment. Titanium construction provides balance and tactile control. 23 gauge and 25 gauge forceps and scissors sold separately. Overall length 104 mm. For use with instrument tips ET82xx series, ET83xx series, ET85xx series and ET87xx series. Titanium.



## Retinal

ET8200 TL

### Pic Forceps Tip titanium low glare

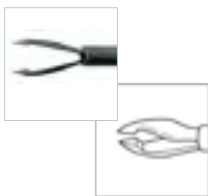


Pic forceps Tip low glare. Rotatable Intraocular Pic forceps with 0.6 mm angled blades 20GA shaft. Hub colour Red. Tip for handle ET8198H.



ET8202 TL

### End Gripping Forceps Tip low glare titanium



Used to peel Epiretinal membrane and also ILM. Less mass at the tip of the instrument allows for easier visualization of tissue and grasp of delicate membranes. 20 Gauge. Low Glare. Rotatable. 2 mm jaws with a 0.6 mm platform. Use with handle ET8198H.



ET8211 TL

### Membrane Forceps Tip low glare titanium



Designed to remove delicate ILM and epiretinal membrane. A smaller jaw allows for better visualization of tissue. 20 Gauge. Low Glare. Rotatable. Use with handle ET8198H.



ET8212 TL

### Endgripping Forceps Tip, 20GA



These forceps are used to peel Epiretinal membrane and also ILM. This instrument provides a smaller delicate grasp of tissue and has less mass at the tip of the instrument which allows for easier visualization of tissue and grasp of delicate membranes. Rotatable. 20 gauge. Use with handle ET8198H. Overall length 57 mm.



ET8309

### StableGrip™ Asymmetrical Peeling Forceps, 23 Gauge



Used for ILM and epiretinal membrane peel. For use on macular puckers and cellophane maculopathy. The asymmetric jaw is designed to allow the surgeon to see over the instrument to visualise retinal tissue. The front half of this instrument is violet to indicate an asymmetrical peeling forceps. The back half is colored green to indicate 23 gauge. Overall length 55 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle (sold separately).



## Retinal

ET8310

### StableGrip™ ILM Forceps, 23 Gauge

x 1



Specifically designed to remove delicate ILM and epiretinal membrane. A smaller jaw provides better visualization of tissue and grasping ability of delicate tissue. The front half of this instrument is silver to indicate an ILM forceps. The back half is colored green to indicate 23 gauge. Overall length 55 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8312

### StableGrip™ Endgripping Forceps, 23 Gauge

x 1



These forceps are designed to peel epiretinal membrane and ILM. This instrument provides a smaller delicate grasp of tissue. Less mass at the tip of the instrument allows for easier visualisation of tissue and grasp of delicate membranes. The front half of this instrument is light blue to indicate an endgripping forceps. The back half is colored green to indicate 23 gauge. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately. Overall length 56 mm.



ET8508

### StableGrip™ Micro Pic Forceps, 25 Gauge

x 1



Forceps has 0.4 mm rotatable tips with roughened jaws. These forceps are used to peel epiretinal membrane. The dual function of the instrument is designed to create the ability to lift the membrane with the angled pic and then solidly grasp tissue with the platform. The front half of this instrument is bronze to indicate a micro pic forceps. The back half is colored dark blue to indicate 25 gauge. Overall length 57 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8509

### StableGrip™ Asymmetrical Peeling Forceps, 25 Gauge

x 1



Used for ILM and epiretinal membrane peel. For use on macular puckers and cellophane maculopathy. The asymmetric jaw is designed to allow the surgeon to see over the instrument to visualise retinal tissue. The front half of this instrument is violet to indicate an asymmetrical peeling forceps. The back half is colored dark blue to indicate 25 gauge. Overall length 56 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



## Retinal

ET8510

### StableGrip™ ILM Forceps, 25 Gauge



Specifically designed to remove delicate ILM and epiretinal membrane. A smaller jaw provides better visualization of tissue and grasping ability of delicate tissue. The front half of this instrument is silver to indicate an ILM forceps. The back half is colored dark blue to indicate 25 gauge. Overall length 58 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8512

### StableGrip™ Endgripping Forceps, 25 Gauge



These forceps are designed to peel epiretinal membrane and ILM. This instrument provides a smaller delicate grasp of tissue. Less mass at the tip of the instrument allows for easier visualization of tissue and grasp of delicate membranes. The front half of this instrument is light blue to indicate an endgripping forceps. The back half is colored dark blue to indicate 25 gauge. Overall length 56 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8514

### StableGrip™ Micro Forceps, 25 Gauge



Forceps has 0.4 mm rotatable tips with roughened jaws. These forceps are designed to peel epiretinal membrane. The dual function of the instrument gives the ability to lift the membrane with the angled pic and then solidly grasp tissue with the platform. The front half of this instrument is green to indicate a micro forceps. The back half is colored dark blue to indicate 25 gauge. Overall length 58 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



## Retinal

65023S-12

### Endgripping Forceps, 23GA

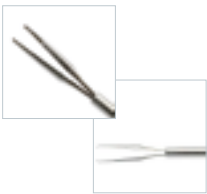


23G single use end gripping vitreoretinal forceps. These forceps are used to peel Epiretinal membrane and also ILM. Low glare instrument shaft. Sterile single use. 12/box.



65025S-12

### Endgripping Forceps, 25GA



25G single use end gripping vitreoretinal forceps. These forceps are used to peel Epiretinal membrane and also ILM. Low glare instrument shaft. Sterile single use. 12/box.



SUI03-12

### Asymmetric Peeling Forceps, 23GA



Features an asymmetric jaw which allows for excellent visualization of retinal tissue. The sleek, ergonomic handle is consistent with our popular reusable design. Used for ILM, Epiretinal Membrane Peel, macular pucker and cellophane maculopathy. The balanced design provides optimal feel and control. 23 gauge. Packaged sterile. Single-Use. 12/box.

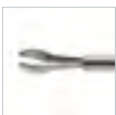


SUI05-12

### Asymmetric Peeling Forceps, 25GA



Features an asymmetric jaw which allows for excellent visualization of retinal tissue. The sleek, ergonomic handle is consistent with our popular reusable design. Used for ILM, Epiretinal Membrane Peel, macular pucker and cellophane maculopathy. The balanced design provides optimal feel and control. 25 gauge. Packaged sterile. Single-Use. Overall length: 135 mm. 12/box.



SUI09-12

### Endgripping ILM Forceps, 20GA



20G single use end gripping vitreoretinal forceps. Specifically designed to remove delicate ILM and epiretinal membrane. Low glare instrument shaft. Sterile single use. 12/box.



# Forceps

## Retinal

SUI07-12

### Endgripping ILM Forceps, 23GA



23G single use end gripping vitreoretinal forceps. Specifically designed to remove delicate ILM and epiretinal membrane. Low glare instrument shaft. Sterile single use. 12/box.



SUI08-12

### Endgripping ILM Forceps, 25GA



25G single use end gripping vitreoretinal forceps. Specifically designed to remove delicate ILM and epiretinal membrane. Low glare instrument shaft. Sterile single use. 12/box.



SUI10-12

### Serrated Forceps, 20GA



20G single use serrated vitreoretinal forceps. The jaws of these forceps have serrations inside for non-slip gripping. Designed for peeling and manipulating thicker and more fibrotic membranes. Sterile single use. 12/box.



SUI11-12

### Serrated Forceps, 23GA



23G single use serrated vitreoretinal forceps. The jaws of these forceps have serrations inside for non-slip gripping. Designed for peeling and manipulating thicker and more fibrotic membranes. Sterile single use. 12/box.



SUI12-12

### Serrated Forceps, 25GA



25G single use serrated vitreoretinal forceps. The jaws of these forceps have serrations inside for non-slip gripping. Designed for peeling and manipulating thicker and more fibrotic membranes. Sterile single use. 12/box.





# Forceps

## Scleral Plugs

65360Y1

### Forceps For Scleral Plugs

Width of tip 0.85 mm. Overall length 100 mm.



E8709

### Plug Removal Forceps, 25GA

Forceps used to remove scleral plugs used in a TVS25 system. Overall length 84 mm.



## Suturing

62041

### Castroviejo Suturing Forceps

1 x 2 teeth 0.5 mm. 6.5 mm tying platform.  
Overall length 101 mm.



62042

### Castroviejo Suturing Forceps

1 x 2 teeth 0.9 mm. 6.5 mm tying platform.  
Overall length 101 mm.



62071

### Paufique Universal Suturing Forceps

6 mm tying platform. Overall length 87 mm.



62072

### Paufique Universal Suturing Forceps

Delicate. 6 mm tying platform. Overall length 87 mm.



# Forceps

## Suturing

62110

### Castroviejo Suturing Forceps

1 x 2 teeth 0.5 mm. 6 mm tying platform. Newer model.  
Overall length 115 mm.



63120

### Suturing Forceps Mod. Zuerich

Straight. 4.5 mm tying platform. 78 mm.



62045Y1

### Moorfield Suturing Forceps

With groove. Serrated. 2.5 mm width.  
Overall length 111 mm.



63120Y1

### Suturing Forceps, Mod. Zuerich

35° angled. 1 x 2 teeth. Overall length 78 mm.



65150G

### Barsewisch Anterior Chamber Forceps

45° angled. Tying platform 1.5 length 73 mm.



E1564

### Osher 0.12 mm Forceps - Elschmig Teeth

The teeth of this forceps are ideal for grasping sclera during suturing. Delicate tying platform handles the finest suture material. 1 x 2 teeth 0.12 mm.  
Overall length 104 mm.



E1686

### Troutman Superior Rectus Forceps

Shafts angled 45°. 10 mm from tip to bend.  
Overall length 106 mm.



## Suturing

E1796

### Castroviejo Suturing Forceps



0.12 mm teeth. 5.5 mm tying platform.  
Overall length 108 mm.



E1796 S

### Sanders-Castroviejo Suturing Forceps



0.12 mm teeth. 5.5 mm tying platform.  
Overall length 109 mm.



E1797

### Castroviejo Suturing Forceps



1 x 2 teeth. 0.3 mm. 6 mm tying platform.  
Overall length 109 mm.



E1798

### Castroviejo Suturing Forceps



0.5 mm teeth. 5.5 mm tying platform.  
Overall length 109 mm.



E1798 S

### Stern-Castroviejo Suturing Forceps



0.5 mm teeth. 6 mm tying platform. With lock.  
Overall length 108 mm.



E1800

### Castroviejo Suturing Forceps



0.5 mm teeth. 5.5 mm tying platform.  
Overall length 108 mm.



E1805

### Fine-Castroviejo Suturing Forceps



0.2 mm teeth. 5.5 mm tying platform.  
Overall length 108 mm.



# Forceps

## Suturing

E1805 XD

Fine-Castroviejo Suturing Forceps



0.12 mm teeth. 6.0 mm tying platform.  
Overall length 108 mm.



E1805 XDWH

Fine-Castroviejo Suturing Forceps



Wide serrated handle. 0.12 mm teeth 5.0 mm tying platform. Overall length 110 mm.



E1806

Castroviejo Suturing Forceps



Angled 0.5 mm teeth. 6 mm tying platform. 108 mm.



E1809

Bonn Suturing Forceps



0.12 mm teeth with tying platform.  
Overall length 74 mm.



E1811G

Bonn Suturing Forceps



Straight 0.12 mm teeth. 6 mm tying platform. 86 mm.



E1813 A

McPherson Suturing Corneal Forceps



Angled 1 x 2 teeth. 5 mm tying platform.  
Overall length 85 mm.



E1813 AK

Kelman-McPerson Forceps



Angled 8 mm shafts. 1 x 2 teeth 5 mm tying platform.  
Overall length 85 mm.



# Forceps

## Suturing

E1813S

### McPherson Suturing-Corneal Forceps



Straight 1 x 2 teeth. 5 mm tying platform.  
Overall length 87 mm.



E1817S

### Lieberman Suturing Forceps



Double toothed tips with 0,1 mm teeth spaced 1 mm  
apart. 7 mm tying platform. Overall length 109 mm.



E1830

### Sauer Suturing Forceps



Straight 1 x 2 teeth. Overall length 86 mm.



E1831

### Paufique Suturing Forceps

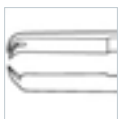


1 x 2 teeth. 6 mm tying platform. Overall length 87 mm.



ET1796

### Castroviejo Suture Forceps



0,12 mm 5.0 mm tying platform. Titanium.  
Overall length 108 mm.



ET1811

### Bonn Suturing Forceps



Straight shafts with 0,12 mm teeth. 5.0 mm tying platform.  
Titanium. Overall length 94 mm.



# Forceps

## Tissue

64011

### Dressing Forceps

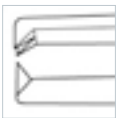


Straight 1.0 mm. Overall length 102 mm.



64020

### Tissue Forceps

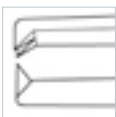


Straight 0.7 mm. extra delicate. Overall length 103 mm.



64021

### Tissue Forceps

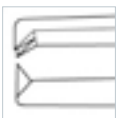


Straight 1.0 length 100 mm.



64022

### Tissue Forceps

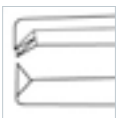


Curved. 1.0 length 100 mm.



64023

### Tissue Forceps



Straight 1.2 mm. Overall length 100 mm.



E1400

### Tissue Forceps



Straight 11 mm tips. extra delicate.  
Overall length 100 mm.



E1404

### Straight Dressing Forceps



With heavy serrations. 12 mm tips.  
Overall length 103 mm.



# Forceps

## Tissue

E1406

### Curved Dressing Forceps

x 1



With delicate serrations. Overall length 99 mm.



E1408

### Strong Curved Dressing Forceps

x 1



With delicate serrations. Overall length 97 mm.



E1410

### Light Curved Dressing Forceps

x 1



With heavy serrations. Overall length 98 mm.



E1500

### Bishop-Harmon Tissue Forceps

x 1



Straight 1 x 2 fine teeth. Overall length 86 mm.



E1500C

### Bishop-Harmon Curved Tissue Forceps

x 1



Curved shafts with fine 1 x 2 teeth.  
Overall length 85 mm.



E1502

### Bishop-Harmon Tissue Forceps

x 1



Straight 1 x 2 delicate teeth. 86 mm.



E1506

### Bishop-Harmon Dressing Forceps

x 1



With serrations. Overall length 100 mm.



# Forceps

## Tissue

E1790

### Weinstock Intraocular Tissue Forceps



This serrated intraocular forceps is designed for use in microincisional surgery. The serrated surface is designed to ease manipulating, fixating, or grasping an IOL while minimizing damage to the lens. This instrument may also be used for grasping iris or other tissues and for intraocular suturing. Uses the ET8190 H handle (sold separately). Overall length 43 mm.



E3204

### Harms-Corneal Utility Colibri Forceps



4.5 mm tying platform. 1 x 2 teeth set at 45°. 0.12 mm. Overall length 70 mm.



E3205

### Corneal Colibri Forceps



6 mm tying platform. 1 x 2 teeth set at 45°. 0.12 mm length 106 mm.



E6760

### Dressing Forceps



Straight serrated. 11 mm tips. Non-magnetic. Overall length 100 mm.



E6764

### Tissue Forceps



Straight 1 x 2 teeth. Non-magnetic. Overall length 100 mm.



ET1305

### Machat Forceps



Smooth tip forceps allow the surgeon to manipulate and smooth the corneal flap in LASIK procedures. Angled 10 mm from tip. Titanium. Overall length 100 mm.





# Forceps

## Towel/Serrefine

77011

Dieffenbach Serrefine

12 mm straight serrated jaws. Overall length 37 mm.



77012

Dieffenbach Serrefine

12 mm curved serrated jaws. Overall length 37 mm.



E3897

Micro Serrefine

9 mm jaws designed for 10-0 sutures.  
Overall length 26 mm.



E3900

Dieffenbach Serrefine

straight. 10 mm serrated jaws. polished finish.  
Overall length 36 mm.



E3904

Dieffenbach Serrefine

Straight. 20 mm jaws. polished finish.  
Overall length 55 mm.



E6774

Schaedel Towl Clamp

Non-magnetic. Cross-action. Overall length 85 mm.



# Forceps

## Tying

63051

### Harms Tying Forceps Model Tuebingen



Straight. 7 mm tying platform. Overall length 113 mm.



63052

### Tying Forceps, Model Tuebingen



Conical. 6 mm tying platform. Overall length 101 mm.



63070

### Paufique Tying Forceps



5.5 mm tying platform. Overall length 88 mm.



63071

### Paufique Tying Forceps



Extra delicate. 4.5 mm tying platform.  
Overall length 88 mm.



63080

### Barraquer Tying Forceps



7 mm tying platform. Overall length 111 mm.



63140

### Micro Tying Forceps



Straight. 3.5 mm tying platform. 0.3 mm tip.  
Overall length 74 mm.



63150

### Kelman-McPherson Tying Forceps



7.5 mm. Angled. Overall length 100 mm.



# Forceps

## Tying

63160

### McPherson Tying Forceps

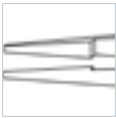
Straight. 3.5 mm. Overall length 84 mm.



63250

### Tuebingen Tying Forceps

Extra delicate. 14 mm jaws. 4 mm tying platform. Overall length 86 mm.



2-100

### Pierse Forceps

Straight. 6 mm tying platform. Pierse tips. Titanium. Overall length 85 mm.



2-410

### Nordan Tying Forceps

Straight. 6.5 mm tying platform. Titanium. Overall length 111 mm.



2-420

### Nordan Tying Forceps

Curved. 5.5 mm tying platform. Titanium. Overall length 110 mm.



2-500

### Tying Forceps

Straight. 7 mm tying platform. Titanium. Overall length 86 mm.



2-504

### Tying Forceps

Straight. Long. 7 mm tying platform. Titanium. Overall length 115 mm.



## Tying

E1791

### Weinstock Intraocular Tying Forceps



The smooth intraocular forceps is designed for use in microincisional surgery. The smooth surface is designed for gripping and IOL while minimizing damage to the lens. The instrument may also be used as a needle driver or needle forceps for intraocular suturing. It is useful for cases involving iris reconstruction and IOL suture fixation. Uses the ET8190 H handle (sold separately). Overall length 43 mm.



E1796 WO

### O'Gawa-Castroviejo Tying Forceps



6 mm tying platform. wide handle.  
Overall length 108 mm.



E1807

### Sheets-Kelman-McPherson Tying Forceps



45° jaws. 10.5 mm tying platform. 1 mm of tip serrated.  
Overall length 82 mm.



E1808

### Osher Tying Forceps



Curved. 6.5 mm tying platform. Overall length 100 mm.



E1810

### Osher Tying Forceps



Fine curved. 6.5 mm tying platform.  
Overall length 102 mm.



E1815 A

### McPherson Tying Forceps



Angled. 4 mm tying platform. Overall length 82 mm.



# Forceps

## Tying

E1815 ABG

Bechert-McPherson Tying Forceps



Angled 45°. 10 mm tying platform.  
Overall length 83 mm.



E1815 AKG

Kelman-McPherson Tying Forceps



Angled 45°. 8 mm from tip to bend. 5 mm tying platform.  
Overall length 84 mm.



E1815 S

McPherson Tying Forceps



Straight. 4 mm tying platform. Overall length 83 mm.



E1855

Shepard Tying Forceps



Straight 4 mm tying platform. Overall length 108 mm.



E1855 A

Shepard Tying Forceps



Angled 45° with tying platform. Overall length 107 mm.



E1855 C

Shepard Tying Forceps



Curved 6 mm tying platform. Overall length 108 mm.



E1881

O'Gawa Tying Forceps



Curved 5.5 mm tying platform. Overall length 107 mm.



# Forceps

## Tying

E1881S

### O'Gawa Tying Forceps



Straight 5.5 mm tying platform. Overall length 108 mm.



E1882

### Troutman Tying Forceps



Slightly curved 10 mm jaws. Overall length 118 mm.



E1888C

### Harms-Tuebingen Tying Forceps



Curved 7 mm tying platforms. Overall length 101 mm.



E1888S

### Harms-Tuebingen Tying Forceps



Straight 6 mm tying platforms. Overall length 101 mm.



E3191

### Troutman-Barraquer Corneal Forceps



Colibri style. 6 mm tying platform. 0.3 mm teeth. Overall length 73 mm.



E3192FT

### Girard Fine Tying Forceps



Ultra-fine 5 mm tying platform. Overall length 100 mm.



E3192FTS

### Girard Fine Tying Forceps



Ultra-fine tying platform. Straight shafts. Overall length 100 mm.



# Forceps

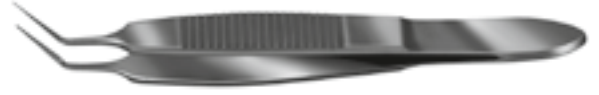
## Tying

ET1807

### Sheets-Kelman-McPherson Tying Forceps



Angled 45 degree shafts with 10.5 mm tying platform and 1 mm of tip crisscross serrated. Serrated handle. Titanium. Overall length 82 mm.



ET1850 C

### Tying Forceps Curved



Curved 7 mm tying platforms. Titanium. Overall length 108 mm.



ET1852

### Tying Forceps Angled



Angled. Titanium. Overall length 107 mm.



ET3200

### Pierse Colibri Forceps



Angled 2.5 mm Pierse tips. 6 mm platforms. Titanium. Overall length 70 mm.



SUE03-12

### Tying Forceps, straight



Straight jaws 3.5 mm tying platform. 100 mm overall length. May be used for IOL manipulation and cartridge loading. Packaged single. Sterile. 12/box.



SUE04-12

### McPherson Tying Forceps



Angled jaws. 4 mm tying platform. 8.5 mm jaw length. 98 mm overall length. May be also used for cartridge loading. Packaged single. Sterile. 12/box.



SUE05-12

### Pierse Tying Forceps

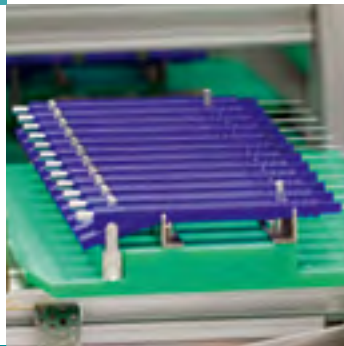


Straight jaws. 0.25 mm notched. 4 mm tying platform. 100 mm overall length. For tissue manipulation and bulbus fixation. Packaged single. Sterile. 12/box.









# Handpieces

Accessories .....	114
Aspiration .....	114
Coaxial Irrigation/Aspiration .....	117
Irrigating Choppers .....	126
Irrigation .....	127



# Handpieces

## Accessories

99009

O-Ring for 99902

x10

Replacement O-rings for Art. 99902. 10/box.

99010

O-Ring, blue, 1.5 x 0.8 mm, 10/box

x10

For the I/A handpiece 857xx / 858xx series. Silicone. Blue. Non sterile. 10/box.

99020

O-Ring, red, 1.5 x 0.8 mm, 10/box

x10

For use with aspiration handpiece 857xx / 858xx series. 10/box.

## Aspiration

85802

Aspiration Handpiece, 19GA

x1



Aspiration handpiece 19GA. Conical tip. Roughened. Red colour-coded handle.



85804

Aspiration Handpiece, 20GA

x1



Aspiration handpiece 20GA. Conical tip. Roughened. Red colour-coded handle.



85950

Aspiration Handpiece

x1

Male. Round handle 7 mm Ø. 95 mm.



# Handpieces

## Aspiration

85772R

### SILKO Aspirating Cannula Handpiece



Red silicone coated handle ensures firm grip. male luer adapter for connection to aspiration line. 95 mm.



85774R

### Aspiration Handpiece, 21GA



Curved. 0.3 mm aspiration port. Tapered tip. Roughened. outer diameter 0.8 mm (21GA).



85776R

### Aspiration Handpiece, 21GA



Curved. 0.3 mm aspiration port. Roughened tip. outer diameter 0.8 mm (21GA).



85778R

### Aspiration Handpiece, 21GA



Slightly curved. 0.3 mm aspiration port. Smooth tip. Outer diameter 0.8 mm (21GA).



85780S

### Aspiration Handpiece, 21GA



Curved shaft. Roughened tip. 0.3 mm aspiration port. outer diameter 0.8 mm (21GA). Red colour-coded handle. Packaged single. Sterile. 12/box.



85790S

### Aspiration Handpiece, 22GA



Curved shaft. Roughened tip. 0.3 mm aspiration port. outer diameter 0.7 mm (22GA). Red colour-coded handle. Packaged single. Sterile. 12/box.



85792S

### Aspiration Handpiece, 23GA



Curved shaft. Roughened tip. 0.3 mm aspiration port. outer diameter 0.6 mm (23GA). Red colour-coded handle. Packaged single. Sterile. 12/box.



# Handpieces

## Aspiration

85900S

### Aspiration Handpiece, 21GA



Aspiration tip with lateral port. Roughened tip.  
Outer diameter 0.8 mm (21GA).  
Red colour-coded handle.  
Packaged single. Sterile. 12/box.



85901S19

### Aspiration Handpiece, 19GA



Curved shaft. Roughened tip. 0.3 mm aspiration port.  
outer diameter 1.07mm (19GA).  
Red colour-coded handle.  
Packaged single. Sterile. 12/box.



85901S20

### Aspiration Handpiece, 20GA



Curved shaft. Roughened tip. 0.3mm aspiration port.  
outer diameter 0.89mm (20GA).  
Red colour-coded handle.  
Packaged single. Sterile. 12/box.



ET4750 A23

### Aspirating Handpiece, 23GA



Made of Titanium. Curved 23GA shaft. 0.4 mm top port.  
male luer connector.



ET4750 AP23

### Aspirating Handpiece, 23GA



Made of Titanium. Curved 23GA shaft. Roughened tip.  
0.4 mm top port. male luer connector.



ET4753 A23

### Aspirating Handpiece, 23GA



Made of Titanium. Curved 23GA shaft. 0.3 mm top port.  
male luer connector.



# Handpieces

## Coaxial Irrigation/Aspiration

85761

### SILKO I/A Handpiece, Straight



20GA cannula tip. 0.3 mm aspiration port. For use with soft-style irrigation sleeve (D8109). Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 138.5 mm.



85762

### SILKO I/A Handpiece, Straight, 16/22GA



20 mm shaft with 16GA outer cannula (coaxial irrigation) and 22GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 143 mm.



85763

### SILKO I/A Handpiece, Curved, 16/22GA



19.5 mm shaft with 16GA outer cannula (coaxial irrigation) and 22GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 142 mm.



85764

### SILKO I/A Handpiece, Curved, 17/23GA



19.5 mm shaft with 17GA outer cannula (coaxial irrigation) and 23GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 142 mm.



85765

### SILKO I/A Handpiece, Angled 60°, 16/22GA



20 mm shaft angled 60° with 16GA outer cannula (coaxial irrigation) and 22GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 143 mm.



85766

### SILKO I/A Handpiece, Angled 60°, 17/23GA



20 mm shaft angled 60° with 17GA outer cannula (coaxial irrigation) and 23GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 143 mm.



# Handpieces

## Coaxial Irrigation/Aspiration

85768

SILKO I/A Handpiece, Angled 90°, 16/22GA



20 mm shaft angled 90° with 16GA outer cannula (coaxial irrigation) and 22GA inner cannula (aspiration). 0.3 mm aspiration port. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 143 mm.



85770

SILKO I/A Handpiece, Angled 20°



20GA cannula. Tip angled 20°. 0.3 mm aspiration port. For use with soft-style irrigation sleeve D8109 for standard phaco or irrigation sleeve DP5531 for C-MICS 2.2 mm. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 138.5 mm.



85771

SILKO I/A Handpiece, Angled 90°



20GA cannula. Tip angled 90°. 0.3 mm aspiration port. For use with soft-style irrigation sleeve D8109 for standard phaco or irrigation sleeve DP5531 for C-MICS 2.2 mm. Blue silicone coated handle ensures firm grip. Luer steel connectors. Overall length 138.5 mm.



85782S

I/A Handpiece straight, 17GA



Straight tip for initial cortical removal. 0.3 mm aspiration port. outer diameter 1.5 mm (17GA). Packaged single. Sterile. 12/box.



85783S

I/A Handpiece curved, 17GA



Curved shaft. Ideal for deep-set eyes. 0.3 mm aspiration port. outer diameter 1.5 mm (17GA). Packaged single. Sterile. 12/box.



85783ST

I/A Handpiece curved, 17GA



I/A Handpiece with Surelock™ luer connector for Stellaris®. Curved shaft. Ideal for deep-set eyes. 0.3 mm aspiration port. outer diameter 1.5 mm (17GA). Packaged single. Sterile. 12/box.



# Handpieces

## Coaxial Irrigation/Aspiration

85784S

I/A Handpiece tip, 45°, 17GA



Straight shaft with 45° angled aspiration tip. For optimal 360° cortical material removal. 0.3 mm aspiration port. outer diameter 1.5 mm (17GA). Packaged single. Sterile. 12/box.



85784ST

I/A Handpiece, 45°, 17GA



I/A Handpiece with Surelock™ luer connector for Stellaris®. Straight shaft with 45° angled aspiration tip. 0.3 mm aspiration port. outer diameter 1.5 mm (17GA). Packaged single. Sterile. 12/box.



85785S

I/A Handpiece straight with sleeve



Straight tip with silicone irrigation sleeve for standard phaco incision. Aspiration cannula 0.9 mm (20G). 0.3 mm aspiration port. Packaged single. Sterile. 12/box.



85786S

I/A Handpiece tip, 90°, 16GA



Straight shaft with 90° angled aspiration tip. Ideal for 12 o'clock cortical material removal. 0.3 mm aspiration port. outer diameter 1.65 mm (16GA). Packaged single. Sterile. 12/box.



85786ST

I/A Handpiece tip, 90°, 16GA



I/A Handpiece with Surelock™ luer connector for Stellaris®. Straight shaft with 90° angled aspiration tip. Ideal for 12 o'clock cortical material removal. 0.3 mm aspiration port. outer diameter 1.65 mm (16GA). Packaged single. Sterile. 12/box with a 5 year.



85794ST

I/A Handpiece curved with sleeve for 1.8 C-MICS



I/A Handpiece with Surelock™ luer connector for Stellaris®. Curved shaft with silicone irrigation sleeve. For 1.8 mm incision. 0.3 mm aspiration port. Packaged single. Sterile. 12/box.

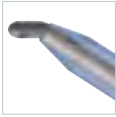


# Handpieces

## Coaxial Irrigation/Aspiration

85795ST

I/A Handpiece 45° with sleeve for 1.8 C-MICS



I/A Handpiece with Surelock™ luer connector for Stellaris®. 45° angled tip with silicone irrigation sleeve. For 1.8 mm incision. 0.3 mm aspiration port. Packaged single. Sterile. 12/box.



85910S

CapsuleGuard IA® Handpiece, 45°



This instrument features a flexible 45° tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Millennium® System and most competitive systems. Packaged sterile. Single-Use. Overall length 137 mm.



85910ST

CapsuleGuard IA® Handpiece, 45°



This instrument features a flexible 45° tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed with luer-lock design for the Stellaris® System. Packaged sterile. Single-Use. Overall length 137 mm.



85912S

CapsuleGuard IA® Handpiece, straight



This instrument features a flexible straight tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Millennium® System and most competitive systems. Packaged sterile. Single-Use. Overall length 137 mm.





## Coaxial Irrigation/Aspiration

85912ST

### CapsuleGuard IA® Handpiece, straight



This instrument features a flexible straight tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Stellaris® System. Packaged sterile. Single-Use. Overall length 137 mm.



85913S

### CapsuleGuard IA® Handpiece, curved



This instrument features a flexible curved tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Millennium® System and most competitive systems. Packaged sterile. Single-Use. Overall length 137 mm.



85913ST

### CapsuleGuard IA® Handpiece, curved



This instrument features a flexible curved tip design for effective cortical removal. Recommended for use in a 2.2 - 2.8 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Stellaris® System. Packaged sterile. Single-Use. Overall length 137 mm.

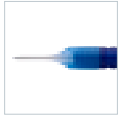


# Handpieces

## Coaxial Irrigation/Aspiration

85914S

MICS® CapsuleGuard IA® Handpiece, straight



This instrument features a flexible straight tip design for effective cortical removal. Recommended for use in a sub 2.0 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Millennium® System and most competitive systems. Packaged sterile. Single-Use. Overall length 138 mm.



85914ST

MICS® CapsuleGuard IA® Handpiece, straight



This instrument features a flexible straight tip design for effective cortical removal. Recommended for use in a sub 2.0 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Stellaris® System. Packaged sterile. Single-Use. 12/box. Overall length 138 mm.



85915S

MICS® CapsuleGuard IA® Handpiece, 45°



This instrument features a flexible 45 degree tip design for effective cortical removal. Recommended for use in a sub 2.0 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Millennium® System and most competitive systems. Packaged sterile. Single-Use. Overall length 138 mm.



# Handpieces

## Coaxial Irrigation/Aspiration

85915ST

MICS® CapsuleGuard IA® Handpiece, 45°

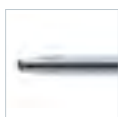


This instrument features a flexible 45 degree tip design for effective cortical removal. Recommended for use in a sub 2.0 mm incision. The smooth irrigation and aspiration ports are designed to eliminate sharp edges for reduced risk of capsule rupture. The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag. The semi-transparent silicone sleeve provides superior visualisation. Designed for use with the Stellaris® System. Packaged sterile. Single-Use. Overall length 138 mm.



SUP04

Zero Phaco Handpiece for Femtocataract 2.2mm



Designed for aspirating softened nuclei during Femtosecond cataract surgery. The single-use handpiece is designed with an open port aspiration tube with 30° bevel. Recommended for use in a 2.2 mm incision. Packaged sterile. Single-Use. 12/box.



SUP04ST

Stellaris® System Zero Phaco Handpiece for Femtocataract 2.2mm



Designed for aspirating softened nuclei during Femtosecond cataract surgery. The single-use handpiece is designed with an open port aspiration tube with 30° bevel. Recommended for use in a 2.2 mm incision. Designed for use with the Stellaris® System. Packaged sterile. Single-Use. 12/box.



BL3160

Stellaris® System I/A Handle for Changeable Tips



Used with the BL316x series of I/A tips. Proprietary locking irrigating connector for use with the Stellaris® System tubing kits.



BL3161

Irrigation-Aspiration Tip, Sleeve, Curved



For use with silicone irrigation sleeve. 0.4 mm aspiration port. For use with BL3160 Stellaris® System I/A Handle.



# Handpieces

## Coaxial Irrigation/Aspiration

BL3163

Irrigation-Aspiration Tip, Sleeve, Straight, 45°



Straight. 45° angled aspiration tip and 0.4 mm aspiration port. For use with silicone irrigation sleeve. Tip for use with BL3160 Stellaris® System I/A Handle.



BL3164

Irrigation-Aspiration Tip, Straight



Straight. 0.4 mm aspiration port. Tip for use with BL3160 Stellaris® System I/A Handle.



BL3165

Irrigation-Aspiration Tip, Curved



Curved. 0.4 mm aspiration port. Tip for use with BL3160 Stellaris® System I/A Handle.



BL3166

Irrigation-Aspiration Tip, Straight, 45°



Straight. 45° angled aspiration tip and 0.4 mm aspiration port. Tip for use with BL3160 Stellaris® System I/A Handle.



DP9721

I/A Handle for Changeable Tips



Luer connector. Titanium.



DP9722

Irrigation-Aspiration Tip, Straight



16GA. 0.3 mm aspiration port for initial cortical removal. Titanium.



DP9723

Irrigation-Aspiration Tip, Curved



16GA outer diameter and 0.3 mm aspiration port. Ideal for deep-set eyes. Titanium.



# Handpieces

## Coaxial Irrigation/Aspiration

DP9724

Irrigation-Aspiration Tip, Straight, 45°

x 1



16GA. 45° angled aspiration tip and 0.3 mm aspiration ports. Used to remove peripheral cortical material. Titanium.



DP9725

Irrigation-Aspiration Tip, Straight, „U“ Tip

x 1



16GA. 180° modified „U“ tip and 0.3 mm open end port. Ideal for aspiration of 12 o'clock cortex. Titanium.



DP9728

O-Rings

x 5

O-Rings for DP972x & DP973x & BL316x series. Silicone. Red. Non sterile. 5/box.

DP9730

Irrigation-Aspiration Tip, Straight, 90°

x 1



16GA. 90° angled aspiration tip and 0.3 mm aspiration port. Used to remove peripheral cortical material. Titanium.



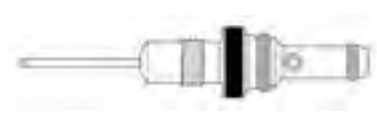
DP9731

Irrigation-Aspiration Tip, Straight

x 1



For use with silicone irrigation sleeve. 0.3 mm aspiration port is ideal for small incision cortical clean-up. Titanium.



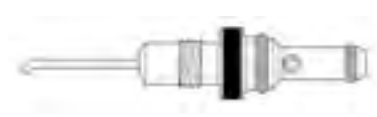
DP9733

Irrigation-Aspiration Tip, 45°

x 1



45° angled tip and 0.3 mm aspiration port for use with silicone irrigation sleeve. Ideal for peripheral cortical removal. Titanium.



DP9734

Irrigation-Aspiration Tip, Curved

x 1



For use with silicone irrigation sleeve. 0.3 mm aspiration port. Excellent for deep-set eyes. Titanium.



# Handpieces

## Coaxial Irrigation/Aspiration

E4395 27

### McIntyre Asp. or Irr. Handpiece



Made of white autoclavable plastic material. Luer connector fits cannula hubs. Narrow connector fits tubings. 76 mm.



## Irrigating Choppers

85800

### Irrigating Chopper, 19GA



Irrigating chopper for bimanual phaco. Tip length 0.95 mm. Two irrigation side ports of 0.8 mm. outer diameter 1.1 mm (19GA).



85809

### Irrigating Divider, 19GA

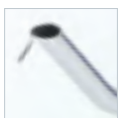


Irrigating instrument for divide and conquer technique during biaxial phaco. Two lateral irrigation ports and one posterior facing irrigation port. Outer diameter 1.1 mm (19GA).



85903S19

### Irrigating Chopper, 19GA



Single-Use Irrigating Chopper for Micro Incision Cataract Surgery. Sharpened inner side. Atraumatic tip end. Central irrigation port. outer diameter 1.07 mm (19GA). Packaged single. Sterile. 12/box.



85903S20

### Irrigating Chopper, 20GA



Single-Use Irrigating Chopper for Micro Incision Cataract Surgery. Sharpened inner side. Atraumatic tip end. Central irrigation port. outer diameter 0.89 mm (20GA). Packaged single. Sterile. 12/box.



85903ST19

### Irrigating Chopper, 19GA



Single-Use Irrigating Chopper for Micro Incision Cataract Surgery with Surelock™ luer connector for Stellaris®. Sharpened inner side. Atraumatic tip end. Central irrigation port. outer diameter 1.07mm (19GA). Packaged single. Sterile. 12/box.



# Handpieces

## Irrigating Choppers

MVS1093 20

Braga-Mele Irrigating Chopper SideOut, 20GA



Bi-Manual irrigating chopping instrument used for Micro Incision Cataract Surgery. 0.89 mm outer diameter with angled chopping tip. Two lateral irrigation ports. Lightweight titanium handle.



## Irrigation

85775

Irrigation Handpiece, 21GA



Curved. Two 0.5 mm irrigation ports. Tapered tip. Roughened. 21GA (outer diameter 0.8 mm).



85777

Irrigation Handpiece, 21GA



Curved. Sandblasted tip. Central irrigation port. outer diameter 0.8 mm (21GA).



85779

Irrigation Handpiece, 21GA



Slightly curved. 0.5 mm irrigation port. Smooth tip. outer diameter 0.8 mm (21GA).



85803

Irrigation Handpiece, 19GA



Irrigation Handpiece. 19GA. Smooth tip. Two irrigation side ports of 0.6 mm. Blue colour-coded handle.



85805

Irrigation Handpiece, 20GA



Irrigation Handpiece. 20GA. Smooth tip. Two irrigation side ports of 0.6 mm. Blue colour-coded handle.



# Handpieces

## Irrigation

85955

### Irrigation Handpiece

x 1

Female. Round handle 7 mm Ø. 95 mm.



85781S

### Irrigation Handpiece, 21GA

x12



Curved shaft. Roughened tip. Two lateral irrigation ports of 0.6 mm Ø. Outer diameter 0.8 mm (21GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85787S

### Irrigation Handpiece, 21GA

x12



Curved shaft. Smooth tip. Two lateral irrigation ports of 0.6 mm Ø. Outer diameter 0.8 mm (21GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85787ST

### Irrigation Handpiece, 21GA

x12



Irrigation Handpiece with Surelock™ luer connector for Stellaris® System. Curved shaft. Smooth tip. Two lateral irrigation ports of 0.6 mm Ø. Outer diameter 0.8 mm (21GA). Grey colour-coded handle. Packaged single. Sterile. 12/box.



85788S

### Irrigation Handpiece, 21GA

x12



Curved shaft. Central irrigation port. Outer diameter 0.8 mm (21GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85789S

### Irrigation Handpiece, 22GA

x12



Curved shaft. Central irrigation port. Outer diameter 0.7 mm (22GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.





# Handpieces

## Irrigation

85791S

### Irrigation Handpiece, 23GA



Curved shaft. Central irrigation port. Outer diameter 0.67 mm (23GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85806S

### Irrigation Handpiece, 22GA



Curved shaft. Smooth tip. Two lateral irrigation ports. Outer diameter 0.7 mm (22GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85806ST

### Irrigation Handpiece, 22GA



Irrigation Handpiece with Surelock™ luer connector for Stellaris® System. Curved shaft. Smooth tip. Two lateral irrigation ports. Outer diameter 0.7 mm (22GA). Grey colour-coded handle. Packaged single. Sterile. 12/box.



85807S

### Irrigation Handpiece, 23GA



Curved shaft. Smooth tip. Two lateral irrigation ports. Outer diameter 0.6 mm (23GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85807ST

### Irrigation Handpiece, 23GA



Irrigation Handpiece with Surelock™ luer connector for Stellaris® System. Curved shaft. Smooth tip. Two lateral irrigation ports. Outer diameter 0.6 mm (23GA). Grey colour-coded handle. Packaged single. Sterile. 12/box.



85902S19

### Irrigation Handpiece, 19GA



Curved shaft. Smooth tip. Two lateral irrigation ports of 0.6 mm Ø. Outer diameter 1.07 mm (19GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



# Handpieces

## Irrigation

85902S20

### Irrigation Handpiece, 20GA



Curved shaft. Smooth tip. Two lateral irrigation ports of 0.6mm Ø. Outer diameter 0.89 mm (20GA). Blue colour-coded handle. Packaged single. Sterile. 12/box.



85902ST19

### Irrigation Handpiece, 19GA



Irrigation handpiece with Surelock™ luer connector for Stellaris®. Curved shaft. Smooth tip. Two lateral irrigation ports of 0.6 mm Ø. Outer diameter 1.07 mm (19GA). Grey colour-coded handle. Packaged single. Sterile. 12/box.



ET4750 I21

### Irrigating Handpiece, 21GA



Made of Titanium. Curved 21GA shaft. one each 0.4 mm top and side port. female luer connector.





# Knives

- Cataract ..... 132
- Clear Corneal ..... 132
- Crescent ..... 133
- Diamond ..... 134
- Dissectors ..... 138
- Foreign Body Spuds ..... 138
- Implant ..... 139
- Keratoplasty ..... 139
- Parallel Side ..... 140
- Scleral ..... 140
- Slit ..... 141
- Stab ..... 144
- Trapezoidal ..... 145



# Knives

## Cataract

13410A

Ullerich Keratome

x 1

Straight. Overall length 122 mm.



13420A

Keratome, Model Hamburg

x 1

Overall length 118 mm.



## Clear Corneal

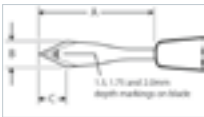
E7594

Laseredge™ Clear Corneal Knife, 1.3 mm

x 6



SUB  
2 mm



1.3 mm angled double bevel (Sub 2 mm). Full handle.  
A=12.60 mm, B=1.30 mm, C=1.45 mm. Packaged sterile.  
6/box.



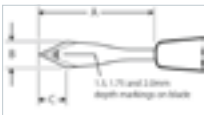
E7595

Laseredge™ Clear Corneal Knife, 1.6 mm

x 6



SUB  
2 mm



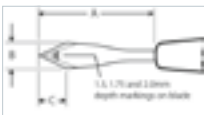
1.6 mm angled double bevel (Sub 2 mm). Full handle.  
A=12.60 mm, B=1.60 mm, C=1.70 mm. Packaged sterile.  
6/box.



E7527

Laseredge™ Clear Corneal Knife, 2.75 mm

x 6



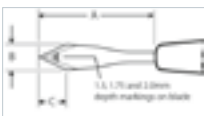
2.75 mm blade width. Angled. Double bevel.  
Depth markings of 1.5. 1.75. 2.0 mm. Sterile. 6/box.



E7528

Laseredge™ Clear Corneal Knife, 2.85 mm

x 6



2.85 mm blade width. Angled. Double bevel.  
Depth markings of 1.5. 1.75. 2.0 mm. Sterile. 6/box.



# Knives

## Clear Corneal

E7532

Laseredge™ Clear Corneal Knife, 3.2 mm



3.2 mm blade width. Angled. Double bevel. Depth markings of 1.5. 1.75. 2.0 mm. Sterile. 6/box.

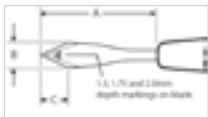


E7528G

Laseredge™ Clear Corneal Guarded Knife, 2.85 mm

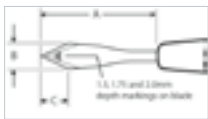


2.85 mm blade width. Angled. Double bevel. Depth markings of 1.5. 1.75. 2.0 mm. Guarded Blade Handle. Sterile. 6/box.



E7529

Laseredge™ Clear Corneal Knife, 3.0 mm



3.0 mm blade width. Angled. Double bevel. Depth markings of 1.5. 1.75. 2.0 mm. Sterile. 6/box.



## Crescent

E7510

Laseredge™ Crescent Blade Knife



2.1 mm blade width. 12.7 mm length. Angled. Bevel up. Sterile. 6/box.



E7510G

Laseredge™ Crescent Blade Guarded Knife



2.1 mm blade width. 12.7 mm length. Angled. Bevel up. Guarded Blade Handle. Sterile. 6/box.



## Diamond

E9059 AA

### Two-Step RK Diamond Knife



This knife features a 45 degree angled blade with the vertical cutting edge sharp up to 250 microns from the tip. Excellent for performing the Two-step technique. Broad footplates provide excellent visualization and appplanation. Overall length 115 mm.



13580Y5

### Universal Diamond Knife



2 x 70° edge. 1 mm blade width. 0.2 mm thickness. 123 mm.



13580Y7

### Universal Diamond Knife



2 x 60° edge. 1 mm blade width. 0.2 mm thickness. Overall length 123 mm.



E0100 E

### Economy Diamond Knife, 45°



Single edge 45 degree blade for performing side-port incision and scleral groove. Push-pull blade retraction mechanism. 1.0 mm width. 0.2 mm thickness. Overall length (blade retracted) 114 mm. 4,5 inches.



E0100 M

### Universal Diamond Knife „MM“, 45°



Double cutting edge. 1 mm blade width. 0.2 mm thickness. Ball point mechanism for protection. Overall length 123 mm.



E0102 M

### Angled Tunnel Blade Diamond Knife, 45°



Economy Trifacet Diamond Knife. 1 mm blade width, 0.2 mm thickness. Overall length 114 mm.

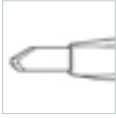


## Diamond

E0103

### Trifacet Diamond Knife

x 1



Push-button blade retraction mechanism. 1 mm blade width. 0.2 mm thickness. 6 mm blade length. Overall length 123 mm.



E0103 E

### Economy Trifacet Diamond Knife

x 1



Diamond blade for scleral groove and tunnel incision. Push-pull blade retraction mechanism. 1.0 mm blade width. 0.2 thickness. 5.6 mm blade length. Overall length (blade retracted) 114 mm.



E0104 ACC1.8

### Clear Cornea Diamond Knife, 1.8 mm

x 1

SUB  
2 mm



Angled clear cornea keratome with sharp sides. 1.8 mm blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 4.0 mm. Overall length 123 mm.



E0104 ACC2.2

### Clear Cornea Diamond Knife, 2.2 mm

x 1



Angled clear cornea keratome with sharp sides. 2.2 mm blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 4.0 mm. Overall length 123 mm.



E0104 ACC2.5

### Clear Cornea Diamond Knife, 2.5 mm

x 1



Angled clear cornea keratome with sharp sides. 2.5 mm blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 4.0 mm. Overall length 123 mm.



E0104 ACC2.5/29

### Clear Cornea Diamond Knife, 2.5/2.9 mm

x 1



Angled trapezoid clear cornea keratome with sharp sides. 2.5/2.9 blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 5.0 mm. Overall length 123 mm.



## Diamond

E0104 ACC2.8

### Clear Cornea Diamond Knife, 2.8 mm



Angled clear cornea keratome with sharp sides. 2.8 mm blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 4.0 mm. Overall length 123 mm.



E0104 ACC2.8/31

### Clear Cornea Diamond Knife, 2.8/3.1 mm



Angled trapezoid clear cornea keratome with sharp sides. 2.8/3.1 blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 5.0 mm. Overall length 123 mm.



E0104 ACC3.0

### Clear Cornea Diamond Knife, 3 mm



Angled clear cornea keratome with sharp sides. 3.0 mm blade width. Tip angle 45°. For anterior chamber entrance and wound extension. J-slot blade retraction mechanism. 0.2 mm blade thickness. Length from tip to mounting 4.0 mm. Overall length 123 mm.



E0105 M

### Triple Edge Arcuate Diamond Knife, 15°



15 degree thin blade designed for all corneal incisions. Including arcuate astigmatic cuts. 200 micron flat facet on cutting edge provides the surgeon with excellent control throughout the incision as well as durability at the tip. Blade width 1.0 mm.



E0112

### Step Trifacet Diamond Knife



1 mm blade width. 3.5 mm length. 0.2 mm thickness. Single footplate. preset incision depth steps from 0.15 to 4 mm. Overall length (blade retracted) 123 mm.





## Diamond

E0117

### Anderson Diamond Knife

x 1



This triple edge, 15° diamond blade has a step gauge mechanism to provide the surgeon the control desired when creating a variety of incisions which include groove paracentesis and astigmatic keratotomy. Includes preset steps of 0.2, 0.3, 0.4, 0.5, 0.6, and 0.8 mm. Full extension at 4.0 mm. Width of blade tip 0.2 mm tapers to 0.8 mm. Overall length (blade retracted) 115 mm.



E0118

### Brown Tri-facet Diamond Knife

x 1



Universal trifacet shaped diamond blade provides excellent control when used in a sweeping motion during scleral tunneling. The two sharp sides ensure straight tunnel incisions for lens implantation. Side port, groove and wound extension. Blade width 1.4 mm.



E0119

### Weinstock Bimanual Diamond Knife, 19GA

x 1

SUB  
2 mm



Designed to help the surgeon create linear, clear corneal cataract incision. Asymmetrically beveled diamond blade has a larger, superior facet than the symmetric diamond blades, which in conjunction with the corneal tissue helps guide the blade into the anterior chamber. It allows creation of watertight incisions while producing minimal corneal distortion. Used for small incision surgery. Blade width 1.4-1.6 mm.



E0123

### Nichamin LRI Diamond Knife

x 1



Incorporates many features to enhance the surgeon's visualization and provide excellent control while creating the incision. The very small footplate is curved to conform to the fixation/degree gauge and provides a guide for making the arcuate incision at the limbus. The fine 15°, 100µ diamond blade with micro-flat tip ensures blade stability and smooth glide through the corneal tissue. The step adjustment feature allows the surgeon to quickly dial in the desired incision depth for the latest techniques using pachymetry (the NAPA Technique introduced by Louis D. Nichamin, MD).



## Dissectors

E0480

### Fogla Pointed Dissector



This instrument is designed to facilitate lamellar dissection of corneal stroma allowing the introduction of the Fogla 27GA Air Injection Cannula (E4924 27) for creation of the "big bubble" (plane separation between Descemet's membrane and corneal stroma). The sharp tip and rounded shaft give a more controlled creation of the lamellar pocket in DALK surgery. Overall length 117 mm.



E2990

### Castroviejo Dissector



1.5 x 5.0 mm flat angled blade. Overall length 119 mm.



## Foreign Body Spuds

E0846

### Ellis Foreign Body Spud



Curved rounded blade. Overall length 117 mm.



13091A

### Foreign Body Spud



Straight. Overall length 121 mm.



13100A

### Plange Foreign Body Spud



Overall length 123 mm.



13121

### Sliding Foreign Body Spud



Double-ended (plange spud & curved needle). Overall length 142 mm.

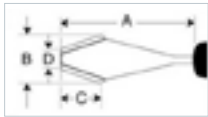


# Knives

## Implant

E7560A

### Laseredge™ Implant Knife



Blade: Angled. Implant. Bevel Up. Width: 4.0 mm.  
Consistent sharpness. Non-reflective surface throughout the procedure by reducing microscope glare. Full handle.  
A=15.20 mm B=4.00 mm C=3.40 mm D=1.20 mm.  
Packaged sterile. Overall length: 131 mm, 5.2 inches.  
6/box.



E7561A

### Laseredge™ Implant Knife



Blade: Angled. Implant. Bevel Up. Width: 5.2 mm.  
Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle.  
A=16.50 mm B=5.20 mm C=4.10 mm D=1.70 mm.  
Packaged sterile. 6/box.

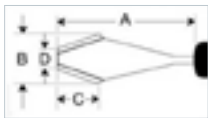


E7562

### Laseredge™ Implant Knife, Round Tip



Blade: Angled. Implant. Unique, blunt dolphin nosed tip designed to follow the slit blade incision easily while the cutting edges create a precise opening for lens insertion. Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=14.70 mm B=3.20 mm C=3.80 mm D=1.70 mm. Packaged sterile. 6/box.



## Keratoplasty

13131A

### Kuhnt Corneal Scarifier



Overall length 114 mm.



13132A

### Kuhnt Corneal Scarifier



Overall length 113 mm.



13135

### LASIK Corneal Scraper



Hockey-type blade for removal of epithelium.  
5 mm blade length. Non-cutting edge.  
Overall length 106 mm.



## Keratoplasty

E0390

### Tooke Corneal Knife

x 1



3 x 18 mm smooth blade. Overall length 119 mm.



E3001

### Martinez Corneal Dissector Knife

x 1



Double-ended. 3 x 11 mm angled sharp blades 3 x 11 mm. Overall length 127 mm.

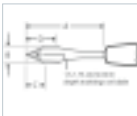


## Parallel Side

E7575

### Laseredge™ Clear Corneal Knife, parallel side

x 6



2.75 mm angled double bevel. Full handle. A=14.40 mm, B=2.75 mm, C=3.10 mm, D=4.80 mm. Packaged sterile. 6/box.



## Scleral

16021A

### Scleral Resection Knife

x 1



Model Bonn. 7 mm blade. Overall length 127 mm.



E5006

### Scleral Pilot Tube Trocar

x 1



For scleral penetration and simultaneous insertion of pilot tube E5005. Angled tip < 20GA Ø with 10.5 mm sharp point and recessed shaft to hold pilot tube. 62 mm.



# Knives

## Scleral

E7519

Laseredge™ MVR Knife

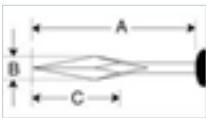


19G (1.45 mm) blade width. 31.8 mm length.  
Sterile. 6/box.



E7520

Laseredge™ MVR Knife

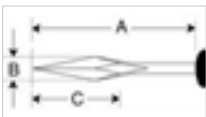


20G (1.18 mm) blade width. 31.8 mm length.  
Sterile. 6/box.



E7525

Laseredge™ TSV25 MVR Knife



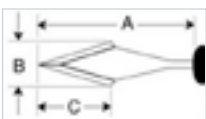
25G (0.50 mm) blade width. 31.8 mm length.  
Sterile. 6/box.



## Slit

E7544A

Laseredge™ Phaco Slit Knife, 1.8 mm



Blade: Slit. Angled. Bevel Up. Width: 1.8 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.40 mm, B=1.80 mm,  
C=2.70 mm. Packaged sterile. 6/box.



E7544ADB

Laseredge™ Phaco Slit Knife, 1.8 mm, Double Bevel



Blade: Slit. Angled. Double Bevel. Width: 1.8 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.40 mm, B=1.80 mm,  
C=2.20 mm. Packaged sterile. 6/box.

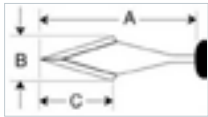


# Knives

## Slit

E7548ADB

Laseredge™ Phaco Slit Knife, 2.2 mm, Double Bevel



Blade: Slit. Angled. Double Bevel. Width: 2.2 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.40 mm, B=2.20 mm,  
C=2.75 mm. Packaged sterile. 6/box.



E7549ADB

Laseredge™ Phaco Slit Knife, 2.4 mm, Double Bevel



Blade: Slit. Angled. Double Bevel. Width: 2.4 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.40 mm, B=2.40 mm,  
C=2.90 mm. Packaged sterile. 6/box.



E7550A

Laseredge™ Phaco Slit Knife, 2.5 mm



Blade: Slit. Angled. Bevel Up. Width: 2.5 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.40 mm, B=2.50 mm,  
C=3.80 mm. Packaged sterile. 6/box.



E7550AG

Laseredge™ Phaco Slit Guarded Knife, 2.5 mm

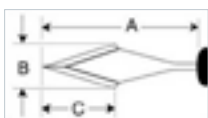


Blade: Slit. Angled. Bevel Up. Width: 2.5 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=18.50 mm, B=2.50 mm,  
C=3.80 mm. Packaged sterile. 6/box.



E7551A

Laseredge™ Phaco Slit Knife, 2.65 mm

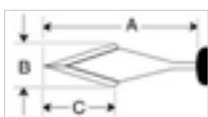


Blade: Slit. Angled. Bevel Up. Width: 2.60 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handle. A=14.60 mm, B=2.65 mm,  
C=3.90 mm. Packaged sterile. 6/box.



E7551ADB

Laseredge™ Phaco Slit Knife, 2.65 mm, Double Bevel



Blade: Angled, Double Bevel. Width: 2.65 mm.  
Non-reflective surface improves visibility by reducing  
microscope glare. Full handles. A=14.40 mm, B=2.65 mm,  
C=3.30 mm. Packaged sterile. 6/box.

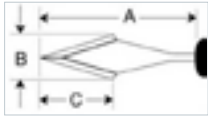


# Knives

## Slit

E7551AG

Laseredge™ Phaco Slit Guarded Knife, 2.65 mm

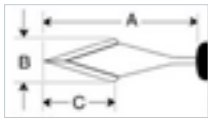


Blade: Slit. Angled. Bevel Up. Width: 2.5 mm.  
Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=18.50 mm, B=2.65 mm, C=3.90 mm. Packaged sterile. 6/box.



E7559A

Laseredge™ Phaco Slit Knife, 2.75 mm, Straight



2.75 mm blade width. 14.4 mm length. Straight. Bevel up.  
Sterile. 6/box.



E7552ADB

Laseredge™ Phaco Slit Knife, 2.8 mm, Double Bevel

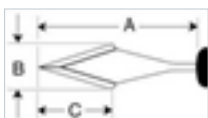


Blade: Slit. Angled. Double Bevel. Width: 2.8mm.  
Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=14.40mm, B=2.80 mm, C=3.40 mm. Packaged sterile. 6/box.



E7553A

Laseredge™ Phaco Slit Knife, 2.85 mm



Blade: Slit. Angled. Bevel Up. Width: 2.85 mm.  
Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=14.10 mm, B=2.85 mm, C=3.30 mm. Packaged sterile. 6/box.



E7556A

Laseredge™ Phaco Slit Knife, 3.0 mm



Blade: Slit. Angled. Bevel Up. Width: 3.0 mm.  
Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=14.40 mm, B=3.00 mm, C=3.90 mm. Packaged sterile. 6/box.



E7556ADB

Laseredge™ Phaco Slit Knife, 3.0 mm, Double Bevel



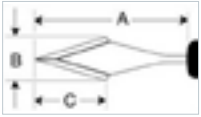
Blade: Angled. Bevel Up. Width: 3.0 mm. Non-reflective surface improves visibility by reducing microscope light source glare. Full handles. A=14.40 mm B=3.00 mm C=3.70 mm. Packaged sterile. 6/box.



## Slit

E7557A

Laseredge™ Phaco Slit Knife, 3.2 mm



Blade: Slit. Angled. Bevel Up. Width: 3.20 mm.  
Non-reflective surface improves visibility by reducing microscope glare. Full handle. A=14.40 mm, B=3.20 mm, C=3.90 mm. Packaged sterile. Overall length: 137 mm, 5.4 inches. 6/box.



## Stab

E7515

Laseredge™ Stab Knife, 15°

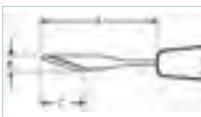


15° cutting angle. 1.5 mm blade width. 11.1 mm length.  
Packaged sterile. 6/box.



E7515G

Laseredge™ Stab Guarded Knife, 15°

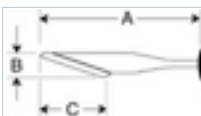


15° cutting angle. 1.6 mm blade width. 11.1 mm length.  
Guarded Blade Handle. Packaged sterile. 6/box.



E7522

Laseredge™ Stab Knife, 22.5°



22.5° cutting angle. 1.7 mm blade width. 10.7 mm length.  
Packaged sterile. 6/box



E7530

Laseredge™ Stab Knife, 30°



30° cutting angle. 1.7 mm blade width. 10.5 mm length.  
Packaged sterile. 6/box.



E7545

Laseredge™ Stab Knife, 45°



45° cutting angle. 1.9 mm blade width. 10.5 mm length.  
Packaged sterile. 6/box.





## Trapezoidal

E7599

Laseredge™ Trapezoidal Knife, 1.5 - 1.7 mm

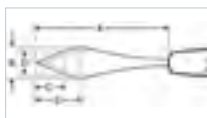


This blade is designed to produce an internal incision width of 1.5 mm and an external incision width of 1.7 mm. Full insertion of the knife yields a 2.0 mm incision. Full handle. A=14.4 mm, B=N/A, C=2.0 mm, D=1.50 mm. Packaged sterile. 6 per box.



E7596

Laseredge™ Trapezoidal Knife, 1.5 - 2.0 mm



1.5 - 2.0 mm angled (Sub 2mm). Full handle. A=14.40 mm, B=2.00 mm, C=1.80 mm, D=1.50 mm, E=3.43 mm. Packaged sterile. 6 per box.

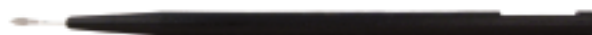


E7600

Laseredge™ Trapezoidal Knife, 1.6 - 1.8 mm

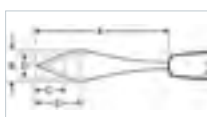


1.6 - 1.8 mm angled. Full handle. A=14.40 mm, B=1.80 mm, C=1.80 mm, D=1.60 mm, E=2.95 mm. Packaged sterile. 6 per box.



E7602

Laseredge™ Trapezoidal Knife, 1.8 - 2.2 - 2.8 mm

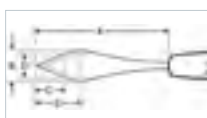


1.8 - 2.2 - 2.8mm angled. Full handle. A=16.80 mm, B=2.20 mm, C=1.55 mm, D=1.80 mm, E=3.45 mm. Packaged sterile. 6 per box.



E7603

Laseredge™ Trapezoidal Knife, 1.85 - 2.2 mm

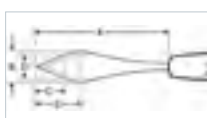


1.85 - 2.2 mm angled. Full handle. A=14.40 mm, B=2.20 mm, C=1.85 mm, D=2.0 mm, E=3.70 mm. Packaged sterile. 6 per box.



E7601

Laseredge™ Trapezoidal Knife, 2.0 - 2.2 mm



2.0 - 2.2 mm angled. Full handle. A=14.40 mm, B=2.20 mm, C=2.30 mm, D=2.00 mm, E=3.10 mm. Packaged sterile. 6 per box.



## Trapezoidal

E7601G

Laseredge™ Trapezoidal Guarded Knife, 2.0 - 2.2 mm



2.0 - 2.2mm angled. Guarded Blade handle.  
A=18.50 mm, B=2.20 mm, C=2.30 mm, D=2.00 mm,  
E=3.10 mm. Packaged sterile. 6 per box.



E7572

Laseredge™ Trapezoidal Knife, 2.75 - 3.2 mm



2.75 - 3.2mm angled bevel up. Full handle.  
A=16.80 mm, B=3.20 mm, C=3.20 mm, D=2.75 mm,  
E=4.60 mm. Packaged sterile. 6 per box.



E7582

Laseredge™ Trapezoidal Knife, 2.85 - 3.2 mm



2.85 - 3.2mm angled bevel up. Full handle.  
A=16.80 mm, B=3.20 mm, C=3.40 mm, D=2.85 mm,  
E=4.30 mm. Packaged sterile. 6 per box.





# Lens Vectus

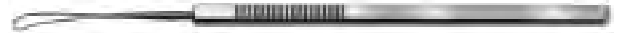


E0644

## Wilder Lens Loop



4 mm wide x 15 mm long loop with serrations on top of loop. Flat serrated handle with polished finish. Overall length 135 mm.



E0648

## Lewis Lens Loop



6 mm wide x 7 mm long loop. Flat serrated handle with polished finish. Overall length 135 mm.



E0664

## New Orleans Eye and Ear Lens Loop



5 mm wide x 10 mm long oval loop. Flat serrated handle with polished finish. Overall length 142 mm.





# Manipulators, Hooks

- Corneal ..... 150
- Fixation Hooks ..... 150
- Iris ..... 150
- Lacrimal, DCR ..... 151
- Lens ..... 152
- Muscle ..... 160
- Retinal ..... 160
- Strabismus ..... 162



# Manipulators, Hooks

## Corneal

E2040

### Carlson DSEK Smoother

x 1



The ball shaped tip of this instrument is designed to press on the corneal surface after the graft is implanted to remove fluid between the recipient bed and the DSEK graft. Overall length 122 mm.



E3119

### Reverse Sinskey Hook

x 1



This instrument is used to begin the dissection in DSEK surgery by scoring Descemet's membrane. It is then used to Gently strip the membrane. Overall length 117 mm.



E3122

### Nick Pick #2

x 1



Used to aid in positioning the donor corneal tissue. Overall length 115 mm.



## Fixation Hooks

E0532

### Double Fixation Hook

x 1



1.5 mm spread between tips. Overall length 128 mm.



E0533

### Double Fixation Hook

x 1



2.0 mm spread between tips. Overall length 128 mm.



## Iris

54290

### Dardenne Iris Hook

x 1



Rounded. 15 mm tip. Angled 45°. Overall length 115 mm.



# Manipulators, Hooks

## Iris

54410

### Lund Iris Hook

x 1



14 mm tip. Angled 45°. Overall length 108 mm.



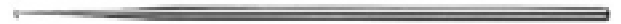
55470

### Rentsch Reposition Double Hook

x 1



0.2 mm hooks. Overall length 137 mm.



54190A

### Iris Hook, Model Bonn

x 1



Very delicate. Overall length 124 mm.



E0549H

### Hirschmann Iris Hook

x 1



„H“ shaped 0.75 mm hook. Angled 45°. 9 mm from tip to bend. Overall length 122 mm.



E0566 SA

### Graether Collar Button

x 1



Designed for iris retraction and capsule polishing with roughened posterior surface. Angled 45° shaft. 10 mm from tip to bend. Overall length 120 mm.



## Lacrimal, DCR

E4222

### Benger Probe Hook

BAUSCH+LOMB  
Instruments

x 1



Designed to engage the Benger probe tips. Straight 63 mm shaft. Overall length 135 mm.



# Manipulators, Hooks

## Lens

55290

Reposition Hook, Model Mainz

x 1



0.7 mm hook. Overall length 104 mm.



55300

Reposition Hook, Model Frankfurt

x 1



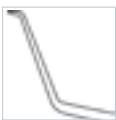
0.2 mm hook. 90° angled. Overall length 136 mm.



55310

Jacobi Reposition Hook

x 1



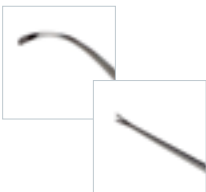
0.25 mm hook. 60° angled. 101 mm.



55480

Y-Nucleus Manipulator and Chopper Double Ended

x 1



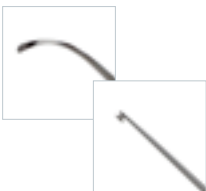
Double ended instrument: The chopper on one end is designed for chopping the nucleus. The Y manipulator on the other end is used for the manipulation of tissue, nucleus and IOL. Overall length is 122 mm.



55481

Iris Hook and Nucleus Chopper Double Ended

x 1



Double-ended instrument: The chopper on one end is designed for chopping the nucleus. The iris hook on the other end is used for the manipulation of tissue, nucleus and IOL. Overall length is 125 mm.



55482

Nucleus Spatula and Chopper Double Ended

x 1



Double ended instrument: The chopper on one end is designed for chopping the nucleus. The spatula on the other end is used for the manipulation of nucleus and IOL. Overall length is 126 mm.





# Manipulators, Hooks

## Lens

55483

### Nucleus Dividing Hook



This instrument has a 45° angle and is designed for chopping and manipulating the nucleus. Overall length is 100 mm.



6-250

### Sinskey II Lens Hook



0.18 mm diameter angled tip. 10 mm angled shaft. Used to mark the visual axis. Titanium. Overall length 119 mm.



6-400

### Kuglen Push-Pull Lens Hook



Titanium. „H“ shaped push-pull-tip. 45° angled. Overall length 122 mm.



E0542

### Clayman Guide



0.2 mm Sinskey hook with shaft angled 45°. 10 mm from tip to bend. Overall length 116 mm.



E0545

### Sinskey Iris and IOL Hook



0.2 mm hook angled. With straight shaft. Overall length 118 mm.



E0569

### O'Gawa Lens Dialer



Excellent for manipulation of the intraocular lens in the capsular bag. The angled and curved shaft allows the instrument to reach across the implant and catch the optic/haptic junction to facilitate dialing the lens. Overall length 120 mm.



# Manipulators, Hooks

## Lens

E0572

### Fenzl Lens Insertion Hook



0.2 mm tip. 45° angled. Overall length 117 mm.



E0577

### Osher „Y“ Hook



Designed for manipulating one piece lenses. The „Y“ hook is excellent for capturing haptics and centering the lens. Straight shaft with „Y“ shaped tip. Overall length 124 mm.



E0729

### Snapper Chopper



Designed to gently manipulate the cataract during lens removal. Blunt leading surface is designed to be atraumatic. The inner tip provides a wedge-shaped chopping edge for efficient dissection of the lens nucleus. Overall length 112 mm.



ET0545

### Sinsky Hook



0.2 mm hook with straight shaft and flat serrated handle. Used to mark the visual axis and reopen RK incisions. Titanium. Overall length 118 mm.



ET0713

### Koch Stop & Chop Manipulator

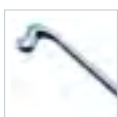


Angled shaft with 1.5 mm tip designed to efficiently perform the „Stop and Chop“ technique. Titanium. Overall length 112 mm.



ET0738

### Grayson Biaxial Combo Manipulator



Features a depression in the tip ends to assist with applying pressure. One end is comprised of a flattened paddle tip with a smooth, defined internal edge that is designed for manipulating tissue, rotation and cracking the nucleus. The other end features a kuglen hook tip design. The instrument can be unscrewed allowing the use of both ends in a bi-manual procedure. Made from titanium. Overall length 132 mm.



# Manipulators, Hooks

## Lens

ET1103

### Maloney Quick-Chop Manipulator

x 1



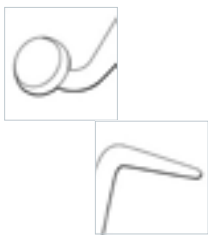
This double-ended manipulator was designed to facilitate supracapsular and endocapsular procedures. The manipulator is used in conjunction with the phaco tip to separate the nucleus in a "Quik-Chop" technique developed by Dr. William Maloney. Titanium. Overall length 130 mm.



ET1104

### Anderson-Barrett Manipulator

x 1



Designed for use in conjunction with the E0117 Anderson diamond knife. This manipulator has tapered shafts to help reduce side port leakage. The double-ended instrument has a nucleus chopper at one end combined with a mini Barrett mushroom tip on the opposite end for manipulation of iris. Capsule. Lens fragments and intraocular lenses. Titanium. Overall length 130 mm.



ET4937

### Bechert Nucleus Rotator

x 1



Y shape rotator tip. Shaft angled 7 mm from tip to bend. Titanium. Overall length 124 mm.



SUF01

### Koch Stop & Chop Manipulator

x 12



Angled shaft with 1.4 mm tip. 10 mm shaft length. Overall length 116 mm. Designed to efficiently perform the "Stop and Chop" technique. Packaged single. Sterile. 12/box.



SUF02

### Sinskey IOL Hook

x 12



Angled shaft with 0.5 mm tip and 0.18 mm diameter. 115 mm overall length. For lens dialing and manipulation. Packaged single. Sterile. 12/box.



# Manipulators, Hooks

## Lens

SUF04

Drysdale type Nucleus Manipulator



Flattened paddle tip with generous surface area is ideal for manipulating tissue, rotating and cracking the nucleus. Packaged single. Sterile. 12/box.



SUF05

Y-shaped Nucleus Rotator



With horizontal "Y-Hook". Packaged single. Sterile. 12/box.



SUF06

Y-shaped Nucleus Rotator



With vertical "Y-Hook". Packaged single. Sterile. 12/box.



55415

Neuhann Nucleus Rotator



With horizontal „Y-Hook“. Overall length 104 mm.



55461

Greite Soft Lens Manipulator



Very delicate 90° hook. Overall length 119 mm.



E0571

Lester Lens Manipulator



Straight shaft with 0.2 mm hourglass shape tip. Overall length 115 mm.



E0579

Maloney No-Hole Manipulator



Teardrop shape tip with post. Overall length 124 mm.



# Manipulators, Hooks

## Lens

E0606

### Osher Nucleus Manipulator



Smaller than the Kuglen hook. This manipulator serves as an all purpose instrument. Blunt finger-like 0.5 mm two-prong tip. It may also be utilized when ushering the IOL out of the eye during explant procedures. Overall length 115 mm.



E0629

### Drysdale Nucleus Manipulator



Flattened paddle tip with generous surface area is ideal for manipulating tissue, rotating and cracking the nucleus. Overall length 110 mm.



E0636

### Brody Multipurpose Manipulator



Used for manipulating & chopping lens, smoothly and easily hooking and pushing iris tissue, iris pupil expanders and IOLs. Broad surface for moving lens fragments into needle. Overall length 110 mm.



E0713 G

### Koch Stop and Chop Manipulator



Angled shaft with 1.5 mm Tip. Designed to efficiently perform the „Stop and Chop“ technique. Overall length 112 mm.



E4933

### Barrett Micro Mushroom Manipulator



Ideal for nucleus manipulation during phacoemulsification. Also used for manipulating and rotating IOLs within the anterior chamber. Overall length 118 mm.



E4937

### Bechert Nucleus Rotator



Y shape rotator tip. Shaft angled 7 mm from tip to bend. Overall length 124 mm.



# Manipulators, Hooks

## Lens

E4937 M

### Mackool-Bechert Nucleus Rotator



The popular Bechert Nucleus Rotator has been modified to have the shaft angled 10 mm from tip to bend for ease of manipulation of the lens nucleus in the anterior chamber. Overall length 119 mm.



ET0571

### Lester Lens Manipulator



0.2 mm hour-glass shape. Titanium.  
Overall length 115 mm.



55305

### Haefliger Phaco Cleaver



Right. enlarged surface and cutting edge facilitate the manipulation of the nucleus. 100 mm.



55306

### Haefliger Phaco Cleaver



Left. enlarged surface and cutting edge facilitate the manipulation of the nucleus. 100 mm.



E0570 N

### Nichamin Double Ended Spatula Chopper



Wedge-shaped chopper designed to allow nucleus chopping in three directions. Tip length 1.25 mm. Rounded tip highly polished to protect the posterior capsule. 0.5 mm spatula end is used to manipulate softer nuclei. Overall length 140 mm.



E0578 L

### Nagahara Nucleus Chopper



Nucleus divider with 1.75 mm tip and blade offset at a 60 degree angle is ideal for performing the „Phaco Chop“ technique to be used in left hand. Overall length 114 mm.



# Manipulators, Hooks

## Lens

E0578R

### Nagahara Nucleus Chopper



Nucleus divider with 1.75 mm tip and blade offset at a 60 degree angle is ideal for performing the „Phaco Chop“ technique to be used in right hand. Overall length 114 mm.



E0590

### Seibel Ambidextrous Chopper



Olive tip on instrument is designed to provide safety for the posterior capsule. Oval shaft behind tip provides efficient chopping of the lens nucleus. Overall length 117 mm.



E0651

### Hu Femto Side-Port Chopper



This chopper is specially designed with a gentle bend to fit through the side-port incision. The chopping tip has been crafted to manage the femto treated lens during nucleus removal. Overall length 114 mm.



E0756

### Braga-Mele Quick-Chopper



The slender tip of this instrument provides excellent penetration into the lens. The tip has been blunted to reduce the chance of posterior capsule interference. The instrument is easily rotated under the lens to support and raise quadrants into the tip of the phaco handpiece. The interior of the tip is sharp and is ideal for moderate to dense nuclei. Overall length 115 mm.



ET0578L

### Nagahara Nucleus Chopper



Nucleus divider with 1.75 mm tip and blade offset at a 60 degree angle is ideal for performing the „Phaco Chop“ technique. Left. Titanium. Overall length 114 mm.



ET0578R

### Nagahara Nucleus Chopper



Nucleus divider with 1.75 mm tip and blade offset at a 60 degree angle is ideal for performing the „Phaco Chop“ technique. Right. Titanium. Overall length 114 mm.



# Manipulators, Hooks

## Lens

ET0703

### Devgan Universal Cataract Chopper



A truly universal cataract management tool. Allowing multiple functions in one simple and efficient double-ended instrument. Features versatile chopping tip that provides excellent control of the nucleus with all chopping techniques vertical chop. Horizontal or tilt-chop. The Gently curved and smooth tip. Designed to protect the posterior capsule. features grooves intended to engage the optic or haptics for IOL manipulation and for iris push-pull in small pupil cases. A traditional spatula is designed for intraocular manipulation of iris. Lens fragments and vitreous. Overall length 137 mm.



ET0736

### Jewelewicz Rosen Chopper



This instrument provides a safe and effective second instrument during chopping or divide-and-conquer phacoemulsification techniques. It offers ease of manipulation or rotation a half or quarter thanks to the elongated vertical surface. The surface facing the lens is beveled to a cutting edge to aid horizontal chopping. The chopper creates a safe environment for lens rotation with its rounded blunt surfaces on the posterior and inferior aspects of the instrument. 4 mm tip. Overall length 112 mm.



## Muscle

E4991

### Gass Retinal Detachment Hook



13 mm hook. 1.5 mm oval hole. Overall length 143 mm.



## Retinal

56291

### Olk Retinal Hook



110° angled. Black. 94 mm.





# Manipulators, Hooks

56292

Olk Retinal Hook

x 1



130° angled. Black. 94 mm.



56293

Olk Retinal Hook

x 1



150° angled. Black. 94 mm.



E0608

Olk Retinal Pick

x 1



0.5 mm tip. 110° angled. 125 mm.



E0609

Olk Retinal Pick

x 1



0.5 mm tip. 150° angled. 125 mm.



E0616

Olk Retinal Pick

x 1



0.5 mm tip. 130° angled. 125 mm.



SUK01

Membrane Pick 130°, 23GA, sterile, 8/box

x 8



23G Shaft with non-glare finish. 130° angled tip.  
Sterile single use. 8/box.



# Manipulators, Hooks

## Retinal

SUK02

Membrane Pick 130°, 25GA, sterile, 8/box



25G Shaft with non-glare finish. 130° angled tip. Sterile single use. 8/box.



## Strabismus

57190A

Strabismus Hook, Model Bonn



Overall length 148 mm.



57200A

Strabismus Hook



Extra delicate. Overall length 145 mm.



57260A

Strabismus Hook, Model Hamburg



Overall length 140 mm.



57440A

Strabismus Hook, Model Essen



Small. Overall length 145 mm.



E0564

Scobee Oblique Muscle Hook



Curved shaft. 4.5 mm hook. Overall length 134 mm.



# Manipulators, Hooks

## Strabismus

E0580

### Culler Rectus Muscle Hook

x 1



7 mm hook. Overall length 125 mm.



E0586

### Jameson Muscle Hook

x 1



2.0 mm bulbous tip with 6 mm flat portion. Flat serrated handle with polished finish. Overall length 136 mm.



E0586S

### Jameson Muscle Hook

x 1



Small bulbous tip with flat sides. Overall length 132 mm.



E0588

### Green Muscle Hook

x 1



Flat 7 mm wide hook. Flat serrated handle. Overall length 130 mm.



E0591

### Graefe Strabismus Hook

x 1



Flattened hook 8 mm. Size 1. Overall length 135 mm.



E0592

### Graefe Strabismus Hook

x 1



Flattened hook 9 mm. Size 2. Overall length 140 mm.



E0593

### Graefe Strabismus Hook

x 1



Flattened hook 10 mm. Size 3. Overall length 143 mm.



# Manipulators, Hooks

## Strabismus

E0598

Manson Double Ended Strabismus Hook



3 mm forked angled blades. Blade spread 7 mm.  
Flat serrated handle with polished finish.  
Overall length 123 mm.



E0600

Stevens Curved Tenotomy Hook



6 mm curved hook. Overall length 119 mm.



E6754

Graefe Strabismus Hook



10 mm. Size 2. Overall length 139 mm.





# Miscellaneous

Magnifier .....166  
Scleral Plugs.....166  
Symblepharon Rings .....166



## Magnifier

E7003

### Osher sterile field magnifier

This innovative enhanced design offers a double hinged magnifier to provide easy positioning of the magnifier in the operating room. This magnifier facilitates adjustments of phaco sleeves and I/A handpieces or even loading IOLs into injectors in the operating room.  
Material: stainless steel.



x 1

## Scleral Plugs

86028

### Scleral Pilot Tube Plug



For temporary closure of scleral pilot tube E5005. 3 mm tip to match 20GA tube. knurled head. 4.5 mm.



x 1

96060

### Scleral Plugs

Designed to close sclera incisions. Tip length 3.5 mm. outer diameter 0.85 mm. 0.5 cm thick disc. 3 mm long with 1.5 mm central cut outs on both sides to stich on the sclera. Packaged 6/box.

x 6

E5005

### Scleral Pilot Tube

Designed to pass 20GA instruments and light carriers used in vitreoretinal surgery. Silicone flanges for suture fixation. 4.5 mm.



x 1

## Symblepharon Rings

99420Y1

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 4 small lateral holes for eventual suture fixation. Size 1 (25 mm x 28 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



x 1

## Symblepharon Rings

99420Y10

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 2 small lateral holes for eventual suture fixation. Size 10 (15 mm x 19 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y2

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 2 small lateral holes for eventual suture fixation. Size 2 (24 mm x 27 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y3

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 2 small lateral holes for eventual suture fixation. Size 3 (22 mm x 26 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y4

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 1 small lateral hole for eventual suture fixation. Size 4 (21 mm x 25 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y5

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 1 small lateral hole for eventual suture fixation. Size 5 (20 mm x 24 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



## Symblepharon Rings

99420Y6

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 1 small lateral hole for eventual suture fixation. Size 6 (19 mm x 23 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y7

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 1 small lateral hole for eventual suture fixation. Size 7 (18 mm x 22 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y8

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. 1 small lateral hole for eventual suture fixation. Size 8 (17 mm x 21 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.



99420Y9

### Illig Symblepharon Ring



Designed to prevent anticipated or recurrent lid/globe fusions. made of smooth PMMA. Large decentred opening leaving cornea uncovered. Without lateral holes. Size 9 (16 mm x 20 mm ring Ø). Individually packaged non-sterile. Sterilisable by [a] gamma irradiation [b] gas (3% formaldehyde. max. 60° steam) [c] 10-minute bath in 3% hydrogen peroxide.







# Needle Holders

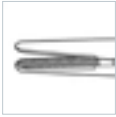


# Needle Holders

72020

## Kalt Needle Holder

x 1



10 mm straight serrated jaws. Locking handle.  
Overall length 136 mm.



72040

## Arruga Needle Holder

x 1



14 mm straight jaws. With lock.  
Overall length 138 mm.



72051

## Castroviejo Needle Holder

x 1



8 mm straight jaws. Without lock.  
Overall length 142 mm.



72052

## Castroviejo Needle Holder

x 1



8 mm straight jaws. With lock.  
Overall length 142 mm.



72053

## Castroviejo Needle Holder

x 1



8 mm curved jaws. Without lock.  
Overall length 142 mm.



72054

## Castroviejo Needle Holder

x 1



8 mm curved jaws. With lock.  
Overall length 142 mm.



72110

## Needle Holder, Model Heidelberg

x 1



14 mm straight jaws. With ratchet lock.  
Overall length 123 mm.



# Needle Holders

73021

## Barraquer Needle Holder

x 1



Fine 9 mm Gently curved jaws. Without lock.  
Overall length 134 mm.



73022

## Barraquer Needle Holder

x 1



Fine 9 mm Gently curved jaws. With lock.  
Overall length 134 mm.



73023

## Barraquer Needle Holder

x 1



Fine 9 mm straight jaws. Without lock.  
Overall length 136 mm.



73030

## Barraquer Needle Holder

x 1



Fine 9 mm Gently curved jaws. Without lock.  
Overall length 135 mm.



73050

## Barraquer Needle Holder

x 1



9 mm Gently curved jaws. Without lock.  
Overall length 116 mm.



73111

## Barraquer Needle Holder

x 1



Fine 10 mm Gently curved jaws. Inner surfaces roughened. Handle with lengthwise slots and screwed end-joint. Without lock. Overall length 125 mm.



3-205

## Curved Needle Holder

x 1



Curved 7 mm fine jaws. Without lock. Titanium.  
Overall length 106 mm.



# Needle Holders

3-303

## Curved Needle Holder



Curved 9 mm fine jaws. Without lock. Titanium.  
Overall length 109 mm.



33-202

## Curved Needle Holder



Curved 9 mm medium jaws. With lock. Titanium.  
Overall length 137 mm.



33-203

## Curved Needle Holder



Curved 9 mm medium jaws. Without lock. Titanium.  
Overall length 137 mm.



33-302

## Fine Curved Needle Holder



Curved 9 mm fine jaws. With lock. Titanium.  
Overall length 135 mm.



33-303

## Fine Curved Needle Holder



Curved 9 mm fine jaws. Without lock. Titanium.  
Overall length 135 mm.



3-420

## Nordan Curved Needle Holder



Curved 7 mm fine jaws. Without lock. Titanium.  
Overall length 118 mm.



E3796

## Needle Holder



Medium 9 mm straight jaws. Without lock.  
Overall length 130 mm.



# Needle Holders

E3797

## Needle Holder



Medium 9 mm curved jaws. With lock.  
Overall length 130 mm.



E3797 X

## Needle Holder



Medium 9 mm curved jaws. Without lock.  
Overall length 130 mm.



E3807 WO

## Osher Needle Holder



Delicate curved and tapered 9 mm jaws for grasping fine  
10-0 sutures. Without lock. Overall length 110 mm.



E3826

## Hampton Needle Holder



Medium 9 mm Gently curved jaws. With lock.  
Overall length 130 mm.



E3827 CW

## Bechert-Sinskey Needle Holder



Delicate 9 mm Gently curved jaws. With lock.  
Overall length 130 mm.



E3828 CW

## Barraquer Needle Holder



Delicate 9 mm Gently curved jaws. With lock.  
Overall length 133 mm.



E3828 CWO

## Barraquer Needle Holder



Delicate 9 mm Gently curved jaws. Without lock.  
Overall length 133 mm.



# Needle Holders

E3828 SW

## Barraquer Needle Holder



Delicate 9 mm straight jaws. With lock.  
Overall length 134 mm.



E3828 SWO

## Barraquer Needle Holder



Delicate 9 mm straight jaws. Without lock.  
Overall length 134 mm.



E3835

## McPherson Needle Holder



Fine 10 mm moderately curved jaws. Large handle.  
Fine 11 mm strongly curved jaws. With lock.  
Overall length 107 mm.



E3836 C

## Cohan Needle Holder



Fine 8 mm Gently curved jaws. Without lock.  
Overall length 104 mm.



E3836 CW

## Cohan Needle Holder



Fine 8 mm Gently curved jaws. With lock.  
Overall length 104 mm.



E3839

## Troutman Needle Holder



Medium 10 mm Gently curved jaws. Without lock.  
Overall length 122 mm.



E3839 X

## Troutman Needle Holder



Medium 10 mm Gently curved jaws. With lock.  
Overall length 122 mm.



# Needle Holders

E3839 XWH

## Troutman Needle Holder



Fine 9 mm moderately curved jaws. wide handle.  
With lock. Overall length 130 mm.



E3842

## Barraquer Needle Holder



Fine 10 mm moderately curved jaws. Large handle.  
Without lock. Overall length 137 mm.



E3843

## Barraquer Needle Holder



Fine 10 mm moderately curved jaws. Large handle.  
With lock. Overall length 137 mm.



E3844

## Barraquer Needle Holder



Fine 10 mm Gently curved jaws. Medium size handle.  
Without lock. Overall length 135 mm.



E3845

## Barraquer Needle Holder



Fine 10 mm Gently curved jaws. wide short handle.  
Without lock. Overall length 125 mm.



E3848

## Castroviejo Needle Holder



Medium 11 mm Gently curved jaws. With lock.  
Overall length 137 mm.



E3849

## Castroviejo Needle Holder



Medium 11 mm Gently curved jaws. Without lock.  
Overall length 137 mm.



# Needle Holders

E3850

## Castroviejo Needle Holder

x 1



Heavy 12 mm straight jaws. With lock.  
Overall length 138 mm.



E3852

## Castroviejo Needle Holder

x 1



Medium 9 mm tungsten carbide inlaid straight jaws.  
With lock. Overall length 148 mm.



E3861

## Castroviejo Needle Holder

x 1



Medium 10 mm straight jaws. With lock.  
Overall length 136 mm.



E3861 WHMC

## Castroviejo Needle Holder

x 1



Fine 9 mm curved jaws. With lock.  
Overall length 130 mm.



E3862

## Castroviejo Needle Holder

x 1



Fine 10 mm straight jaws. Without lock.  
Overall length 136 mm.



E3864

## Castroviejo Needle Holder

x 1



Heavy 16 mm straight jaws. With lock.  
Overall length 149 mm.



E3876

## Derf Needle Holder

x 1



Heavy 13 mm serrated straight jaws with grooves.  
Ring handle with ratchet lock. Overall length 130 mm.





# Needle Holders

E3884 C

## O'Gawa Needle Holder

x 1



Delicate curved 8 mm jaws. Rounded edges to prevent cutting suture. Without lock. Overall length 130 mm.



E3885

## Needle Holder

x 1



Delicate 6 mm moderately curved jaws. Without lock. Overall length 128 mm.



E3885 WL

## Needle Holder

x 1



Delicate 6 mm moderately curved jaws. With lock. Overall length 128 mm.





# Ocular Implants

Gauges .....	180
Inserters .....	180
Implants .....	181



# Ocular Implants

## Gauges

99516

### Gauge 16 mm for orbita implant

16 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99518

### Gauge 18 mm for orbita implant

18 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99520

### Gauge 20 mm for orbita implant

20 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



99522

### Gauge 22 mm for orbita implant

22 mm Ø silicone sphere with stainless steel handle to determine correct size of Guthoff orbital implant.



## Insertor

E5652

### Carter Sphere Introducer and Holder

Designed to insert eye spheres using spring loaded plunger. Overall length 125 mm.



# Ocular Implants

## Implants

07140-16

### Guthoff Orbital Implant 16 mm



Anterior spherical segment made of porous hydroxylapatite ceramic material provides biocompatible surface for tissue integration, anteriorly crossed grooves facilitate embedding and suturing of ocular muscles for optimal motility, posterior spherical segment made of smooth silicone elastomer creating an 'articulating gap' with minimal friction in the Tenon space, 16 mm Ø, sterile single packaged.



07140-18

### Guthoff Orbital Implant 18 mm



Anterior spherical segment made of porous hydroxylapatite ceramic material provides biocompatible surface for tissue integration, anteriorly crossed grooves facilitate embedding and suturing of ocular muscles for optimal motility, posterior spherical segment made of smooth silicone elastomer creating an 'articulating gap' with minimal friction in the Tenon space, 18 mm Ø, sterile single packaged.



07140-20

### Guthoff Orbital Implant 20 mm



Anterior spherical segment made of porous hydroxylapatite ceramic material provides biocompatible surface for tissue integration, anteriorly crossed grooves facilitate embedding and suturing of ocular muscles for optimal motility, posterior spherical segment made of smooth silicone elastomer creating an 'articulating gap' with minimal friction in the Tenon space, 20 mm Ø, sterile single packaged.



07140-22

### Guthoff Orbital Implant 22 mm



Anterior spherical segment made of porous hydroxylapatite ceramic material provides biocompatible surface for tissue integration, anteriorly crossed grooves facilitate embedding and suturing of ocular muscles for optimal motility, posterior spherical segment made of smooth silicone elastomer creating an 'articulating gap' with minimal friction in the Tenon space, 22 mm Ø, sterile single packaged.







# Oculopressor



# Oculopressor

90010

## Oculo-Pressor Simplex

Model Homburg. Consists of a pressure pad (90013) a tubing. Headband (90014) and bulb with manometer for controlled inflation (90012).



90011

## Pression Pad with Band

For oculo-pressor. Adjustable head band. pressure pad is made of silicone. Autoclavable.



90012

## Manometer with Bulb for Oculo-Pressor

For oculo-pressor 90010.



90013

## Pression Pad

Without band for oculo-pressor 90010. Autoclavable.



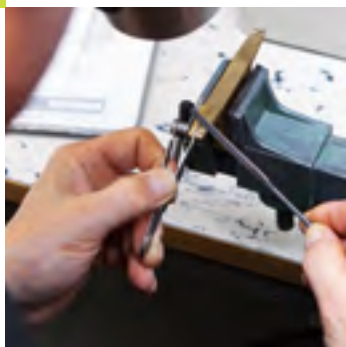
90014

## Band for Oculo-Pressor

For oculo-pressor 90010. With Velcro fastener. Autoclavable.







## Probes

Lacrimal, DCR ..... 186



## Lacrimal, DCR

51011

Wilder Lacrimal Dilator

BAUSCH + LOMB  
Instruments



Fine - width at tip 0.2 mm. Tapered shaft to 3.5 mm.  
Shaft length 25 mm. Overall length 101 mm.



51012

Wilder Lacrimal Dilator

BAUSCH + LOMB  
Instruments



Medium - width at tip 0.4 mm. Tapered shaft to 3.5 mm.  
Shaft length 25 mm. Overall length 101 mm.



51013

Wilder Lacrimal Dilator

BAUSCH + LOMB  
Instruments



Strong - width at tip 0.7 mm. Tapered shaft to 3.5 mm.  
Shaft length 25 mm. Overall length 101 mm.



51100

Lacrimal Dilator, Model Giessen

BAUSCH + LOMB  
Instruments



Overall length 85 mm.



51130

Lacrimal Dilator

BAUSCH + LOMB  
Instruments



Fine. Overall length 75 mm.



51171

Pigtail Probe

BAUSCH + LOMB  
Instruments



With 0.5 mm suture eye. Overall length 145 mm.



## Lacrimal, DCR

53032

Harms Trabeculotome

BAUSCH + LOMB  
Instruments



Left. 48 mm.



51171Y1

Pigtail Probe

BAUSCH + LOMB  
Instruments



0.5 mm suture eye. Child size. Overall length 140 mm.



E0421

Harms Trabeculotome Set

BAUSCH + LOMB  
Instruments



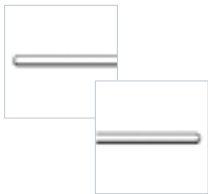
9 mm long pointed tips with 3 mm spread. Pair consists of left and right. Round knurled handle. Polished finish. Overall length 46 mm.



E4198

Bowman Stainless Probe - 0000 and 000

BAUSCH + LOMB  
Instruments



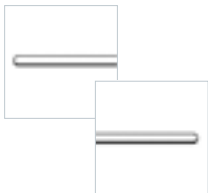
Sizes 0000 and 000. Malleable stainless steel. Polished finish. Overall length 141 mm.



E4199

Bowman Stainless Probe - 3 and 4

BAUSCH + LOMB  
Instruments



Sizes 3 and 4. Malleable stainless steel. Polished finish. Overall length 144 mm.



E4223

Benger Probe Set

BAUSCH + LOMB  
Instruments



Fine 118 mm stainless steel wire probes with olive tips. Set consists of two wires with 320 mm of silicone tubing. Overall length 556 mm.



## Lacrimal, DCR

E4251

Worst Pigtail Probe

BAUSCH + LOMB  
Instruments



9 mm diameter pigtail curved blunt probes. Includes pre-cut polyethylene tubes (E4251 B). Overall length 149 mm.



E4251C

Pigtail Probe

BAUSCH + LOMB  
Instruments



8 mm diameter pigtail curved probes with suture eyes just back of blunt ends. Overall length 143 mm.



E4336

Ziegler Lacrimal Dilator

BAUSCH + LOMB  
Instruments



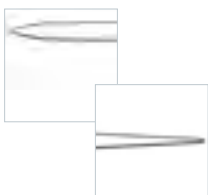
Double ended dilator probes with gentle curve. Overall length 134 mm.



E4340

Castroviejo Lacrimal Dilator

BAUSCH + LOMB  
Instruments



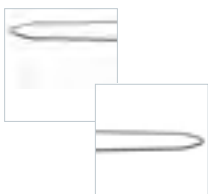
One end with needle point and other end with medium taper. Overall length 140 mm.



E4346

Hosford Lacrimal Dilator

BAUSCH + LOMB  
Instruments



Double ended. Taper 2 mm from the end. Then more gradual taper for quick dilation of the punctum. Overall length 140 mm.



## Lacrimal, DCR

E4366

Ruedemann Lacrimal Dilator

BAUSCH + LOMB  
Instruments



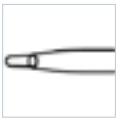
12 mm short taper. Overall length 71 mm.



E4370

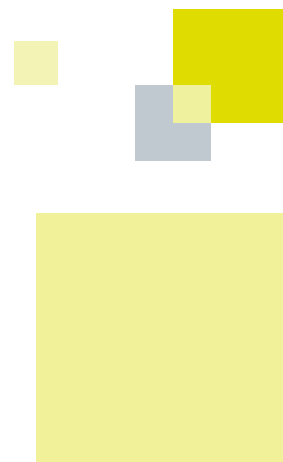
Muldoon Lacrimal Dilator

BAUSCH + LOMB  
Instruments



27 mm medium taper. Straight distal end to act as guide for the tapered dilator. Overall length 99 mm.







# Retractors

- Iris ..... 192
- Lacrimal ..... 192
- Lid ..... 193
- Orbital ..... 195



# Retractors

## Iris

54055

### Iris Retractor With Flexible Fixing

Silicone slide for flexible fixation of the iris. 7 mm.

x 1



E0750 NS

### Flexible Iris Retractors

Super-elastic Nitinol alloy provides durability and consistency. The retractors are supplied five per package. Are fully reusable and are shipped in a unique sterilization case.

x 5



## Lacrimal

57061

### Axenfeld Lacrimal Sac Retractor

BAUSCH + LOMB  
Instruments

x 1

Blunt. Overall length 142 mm.



57062

### Axenfeld Lacrimal Sac Retractor

BAUSCH + LOMB  
Instruments

x 1

Sharp. Overall length 142 mm.



57071

### Rollet Lacrimal Sac Retractor

BAUSCH + LOMB  
Instruments

x 1

Blunt. Overall length 120 mm.



57072

### Rollet Lacrimal Sac Retractor

BAUSCH + LOMB  
Instruments

x 1

Sharp. Overall length 132 mm.





# Retractors

## Lacrimal

E4500

Stevenson Lacrimal Sac Retractor

BAUSCH + LOMB  
Instruments



3 mm teeth. Blade spread 20 mm.  
Overall length 85 mm.



E4595

Tenzel Double Ended Periosteal Elevator

BAUSCH + LOMB  
Instruments



4 x 6 mm dissector end with shaft marked at 10 mm,  
20 mm and 30 mm from tip. 6 mm wide curved elevator.  
Overall length 195 mm.



## Lid

52051

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 1. 11 mm blade. Overall length 140 mm.



52052

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 2. 13 mm blade. Overall length. 140 mm.



52053

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 3. 15 mm blade. Overall length 140 mm.



52191

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Baby Size. 9 mm blade. Overall length 140 mm.



# Retractors

## Lid

52230

Klar Lid Everter

BAUSCH + LOMB  
Instruments



Overall length 155 mm.



E0980

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 0.11 mm. Overall length 140 mm.



E0981

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 1.13 mm. Overall length 137 mm.



E0982

Desmarres Lid Retractor

BAUSCH + LOMB  
Instruments



Size 2.15 mm. Overall length 143 mm.



E0985

Conway Lid Retractor

BAUSCH + LOMB  
Instruments



7.5 mm blades. Overall length 135 mm.



E0997

Jaffe Lid Retractor

BAUSCH + LOMB  
Instruments



15 mm blades. one pair. Overall length 53 mm.



# Retractors

## Lid

E1064

Jaeger Lid Plate

BAUSCH + LOMB  
Instruments



20 mm x 35 mm and 24 mm x 35 mm curved ends.  
Clear lucite. Overall length 93 mm.



52092

Jaeger Lid Plate

BAUSCH + LOMB  
Instruments



Plastic. Overall length 96 mm.



E1069

Berke-Jaeger Lid Plate

BAUSCH + LOMB  
Instruments



Curved over length and width.  
20 mm and 23 mm wide blades. Metal with dull finish.  
Overall length 109 mm.



E1069S

Khan-Jaeger Lid Plate

BAUSCH + LOMB  
Instruments



Designed for transconjunctival blepharoplasty.  
Non-reflective surface. 20 mm and 23 mm wide blades.  
Overall length 10.9 cm.



## Orbital

57091

Arruga Retractor

BAUSCH + LOMB  
Instruments



Metal. Overall length 139 mm.



E3705

Orbital Retractor-Elevator

BAUSCH + LOMB  
Instruments



Flexible. Double-ended 16 + 25 mm ends.  
Overall length 182 mm.



# Retractors

## Orbital

E3706

Orbital Retractor-Elevator

BAUSCH + LOMB  
Instruments



Flexible. Double-ended 10 + 14 mm ends.  
Overall length 180 mm.



E5008

Schepens Orbital Retractor

BAUSCH + LOMB  
Instruments



14 x 56 mm blade. Overall length 148 mm.





# Scissors

Capsule .....	198
Conjunctival .....	200
Corneal .....	200
Enucleation .....	206
Foreign Body .....	206
Intraocular Lens .....	207
Iris .....	207
Miscellaneous .....	209
Retinal .....	211
Strabismus .....	212
Suture Stich .....	214
Tenotomy .....	214



# Scissors

## Capsule

24081

Vannas Capsulotomy Scissors, Straight



Overall length 82 mm.



24082

Vannas Capsulotomy Scissors, Curved



85 mm.



24083

Vannas Capsulotomy Scissors, Straight



Model Tuebingen. Overall length 86 mm.



24084

Vannas Capsulotomy Scissors, Curved



Model Tuebingen. Overall length 85 mm.



25030

Ong Capsule Scissors



Angled up. 11 mm from mid-screw to tip. 85 mm.



25040

Uthoff Capsule Scissors



Curved. 83 mm.



25030Y1

Ong Capsule Scissors



Curved as 24084.



# Scissors

## Capsule

25030Y2

### Ong Capsule Scissors

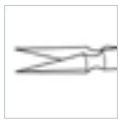


Slightly curved tip. Angled.



E3386

### Vannas Straight Capsulotomy Scissors

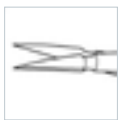


Sharp pointed tips. 8 mm from mid-screw to tip.  
Overall length 84 mm.



E3387

### Vannas Curved Capsulotomy Scissors



6mm blades with sharp pointed tips. 8 mm from mid-screw to tip. Serrated handle with polished finish.  
Overall length 84 mm.



E3388

### Vannas Angled Capsulotomy Scissors



6mm blades with sharp pointed tips. 9 mm from mid-screw to tip. Serrated handle with polished finish.  
Overall length 81 mm.



E3388 GW

### Vannas Angled Capsulotomy Scissors



5 mm blades with sharp pointed tips. 8 mm from mid-screw to tip. Serrated handle with polished finish.  
Overall length 80 mm.



E3388 GWL

### Gills-Welsh Vannas Micro Scissors



Angled. Long model. 11 mm blades with sharp pointed tip. 13 mm from mid-screw to tip. Serrated handle with polished finish. Overall length 86 mm.



E3389

### Vannas Capsulotomy Scissors



Angled blades. Sharp pointed tips. 9 mm from mid-screw to tip. Overall length 81 mm.



# Scissors

## Capsule

E3390 A

Angled Capsule Scissors



## Conjunctival

E3315

Troutman Curved Conjunctival Scissors



Blunt tips. 17 mm from mid-screw to tip. With lock. Overall length 112 mm.



E3316

Westcott Conjunctival Scissors



Lightly curved. Blunt tips. 16 mm from mid-screw to tip. Overall length 132 mm.



E3450

Wilmer Conjunctival and Utility Scissors



Angled sharp pointed tips. 18 mm from mid-screw to tip. Overall length 94 mm.



## Corneal

23010

Castroviejo Curved Corneal Scissors



Blunt tips. 18 mm from mid-screw to tip. Overall length 94 mm.



23121

Troutman Microscissors



Right model. Blunt tips. Overall length 99 mm.





# Scissors

## Corneal

23122

### Troutman Microscissors



Left model. Blunt tips. Overall length 99 mm.



23130

### Micro Scissors



Blade length 10 mm. Cutting length 8 mm. pointed tips. Straight. Overall length 100 mm.



23140

### Micro Scissors



Sharp/sharp. Slightly curved. Length of cut 6 mm. Overall length 105 mm.



23160

### Micro Scissors



Angled up. Overall length 100 mm.



23201

### Katzin Corneal Transplant Scissors



Right. Overall length 98 mm.



23202

### Katzin Corneal Transplant Scissors



Left. Overall length 98 mm.



# Scissors

## Corneal

E3217 L

### Fogla Scissors, Left



These scissors are used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade of the scissors is thinner and 1 mm longer than the upper blade which displaces Descemet's membrane, protecting it from being damaged by the blades. Left. Overall length 107 mm.



E3217 R

### Fogla Scissors, Right



This scissor is used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade of the scissors is thinner and 1 mm longer than the upper blade which displaces Descemet's membrane, protecting it from being damaged by the blades. Right. Overall length 107 mm.



E3218 L

### Castroviejo Corneal Scissors, Left



Mini. Curved. Blunt tips. 11 mm from mid-screw to tip. Overall length 106 mm.



E3218 MM

### Castroviejo Mini Corneal Scissors



Universal. Blunt tips. 11 mm from mid-screw to tip. Overall length 106 mm.



E3218 R

### Castroviejo Corneal Scissors, Right



Mini. Curved. Blunt tips. 11 mm from mid-screw to tip. Overall length 106 mm.



E3220

### Castroviejo Curved Corneal Scissors



Blunt tips. 16 mm from mid-screw to tip. Overall length 115 mm.



# Scissors

## Corneal

E3221

### Castroviejo Keratoplasty Scissors

Angled. Blunt tips. Lower blade 1 mm longer. 16 mm from mid-screw to tip. Overall length 110 mm.



E3222R

### Castroviejo Corneal Scissors

Right orientation, knee angle. Blunt tips. 16 mm from mid-screw to tip. Overall length 106 mm.



E3223

### Castroviejo Angled Corneal Scissors

Universal mini model. Blunt tips. 19 mm from mid-screw to tip. Overall length 106 mm.



E3231L

### Mini Corneal Scissors, Left

Delicate. For completion of trepanations. Lower blade 0.5 m longer. 9 mm from mid-screw to tip. Overall length 100 mm.



E3231R

### Mini Corneal Scissors, Right

Delicate. For completion of trepanations. Lower blade 0.5 m longer. 9 mm from mid-screw to tip. Overall length 100 mm.



E3232

### Katzin Corneal Transplant Scissors

Left, miniature model. Strongly curved. Blunt tips. Lower blade 12 mm, upper blade 11 mm (from mid-screw to tip). Overall length 108 mm.



E3233

### Katzin Corneal Transplant Scissors

Right, miniature model. Strongly curved. Blunt tips. Lower blade 12 mm, upper blade 11 mm (from mid-screw to tip). Overall length 108 mm.



# Scissors

## Corneal

E3300

### Castroviejo Corneal Section Scissors



Right. Angled. Blunt tips. Curved blades. Lower blade 1 mm longer and rounded spatula-like to minimise trauma. 18 mm from mid-screw to tip. Overall length 110 mm.



E3301

### Castroviejo Corneal Section Scissors



Left. Angled. Blunt tips. Curved blades. Lower blade 1 mm longer and rounded spatula-like to minimise trauma. 18 mm from mid-screw to tip. Overall length 110 mm.



E3304

### Castroviejo Corneal Section Scissors



Right. Angled. Blunt tips. Curved blades. Lower blade 0.5 mm long. 14 mm from mid-screw to tip. Overall length 106 mm.



E3304M

### Castroviejo Corneal Section Scissors



Right. Curved. Blunt tips. Lower blade 0.5 mm longer. 13 mm from mid-screw to tip. Overall length 106 mm.



E3305

### Castroviejo Corneal Section Scissors



Left. Angled. Blunt tips. Curved blades. Lower blade 0.5 mm long. 14 mm from mid-screw to tip. Overall length 106 mm.



E3305M

### Castroviejo Corneal Section Scissors



Left. mid-mini. Curved. Blunt tips. Lower blade 0.5 mm longer. 13 mm from mid-screw to tip. 106 mm.



E3305MC

### McPherson-Castroviejo Miniature Corneal Section Scissors Left



Miniature model. Curved. Blunt tips. Lower blade 0.5 mm longer. 13 mm from mid-screw to tip. Overall length 93 mm.



# Scissors

## Corneal

E3305 X

### Castroviejo Corneal Section Scissors



Sub-mini model. Curved. Blunt tips. Lower blade 0.5 mm longer. 9 mm from mid-screw to tip. Overall length 103 mm.



E3306

### Troutman-Castroviejo Corneal Scissors



Mini model. Curved. Blunt tips. 13 mm from mid-screw to tip. Handle with lock. Overall length 116 mm.



E3307

### Troutman-Castroviejo Corneal Scissors



Mini model. Curved. Blunt tips. 13 mm from mid-screw to tip. Handle with lock. Overall length 116 mm.



E3311

### Troutman-Castroviejo Corneal Scissors



Mini model. Curved. Blunt tips. 12 mm from mid-screw to tip. Handle with lock. Overall length 109 mm.



E3321MWH

### Castroviejo Keratoplasty-Utility-Stitch Scissors



Very small pointed tips. 13 mm from mid-screw to tip. Overall length 131 mm.



E3490

### Aebli Corneal Scissors



Straight. Blunt tips. Overall length 92 mm.



# Scissors

## Enucleation

E3651

### Curved Enucleation Scissors

Medium rounded blades. Blunt tips. 44 mm from mid-screw to tip. Overall length 135 mm.



E3652

### Curved Enucleation Scissors

Heavy rounded blades. Blunt tips. 44 mm from mid-screw to tip. Overall length 130 mm.



## Foreign Body

E3391

### Intraocular Scissors

Serrated straight 3 mm blades. Sharp pointed tips. Shaft of 2 mm Ø and 33 mm length. Overall length 146 mm.



ET8306CTL

### Snyder AC Scissors Tip Curved

These scissors offer excellent control through a small incision and can be used for cutting fine structures including capsule, iris, adhesions and sutures in the anterior chamber. Fine tapered and gently curved blades provide precise cutting and can be rotated left or right for enhanced control in the eye. The 23 gauge shaft diameter is ideal for entry through a small stab incision or a phaco wound. Use with ET8198H Stable Grip™ Vitreoretinal Handle (sold separately). Overall length 49 mm, 1.9 inches.



ET8306STL

### Snyder AC Scissors Tip Straight

These scissors offer excellent control through a small incision and can be used for cutting fine structures including capsule, iris, adhesions and sutures in the anterior chamber. Fine tapered blades provide precise cutting while maximizing visibility in the eye. The 23 gauge shaft diameter is ideal for entry through a small stab incision or a phaco wound. Use with ET8198H Stable Grip™ Vitreoretinal Handle (sold separately). Overall length 49 mm, 1.9 inches.



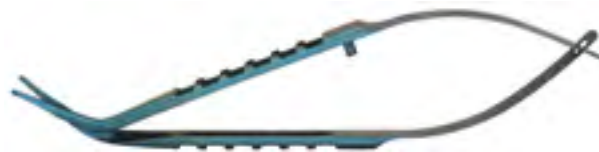
## Intraocular Lens

ET1306

### Osher IOL Scissors angled



The blades of this scissors are narrow and provide ease of entry through the incision. Serrations in the blade allow secure cutting of the implant without excessive movement. Ideal for acrylic and silicone implants. Made from titanium. Overall length 91 mm.



## Iris

24071

### Noyes Iris Scissors



Blunt/blunt. Overall length 113 mm.



24072

### Noyes Iris Scissors



Sharp pointed/blunt. Overall length 113 mm.



E3343

### Straight Iris Scissors



Sharp pointed tips. 21 mm from mid-screw to tip. Overall length 121 mm.



E3344

### Curved Iris Scissors



Sharp pointed tips. 21 mm from mid-screw to tip. Overall length 121 mm.



E3347

### McPherson-Vannas Curved Iris Scissors



Sharp pointed tips. 11 mm from mid-screw to tip. Overall length 83 mm.



# Scissors

## Iris

E3349

### Cohan-Vannas Curved Iris Scissors

Sharp pointed tips. 12 mm from mid-screw to tip.  
Overall length 57 mm.



E3360

### DeWecker Iris Scissors

Blunt/sharp pointed tips. 12 mm from bend to tip.  
Overall length 114 mm.



E3366

### Barraquer Iris Scissors

Blunt/blunt. 8 mm from bend to tip.  
Overall length 54 mm.



E3404

### Straight Iris Scissors

Sharp pointed tips. 28 mm from mid-screw to tip.  
Overall length 100 mm.



E3405

### Curved Iris Scissors

Sharp pointed tips. 28 mm from mid-screw to tip.  
Overall length 100 mm.



E3408

### Curved Iris Scissors

Light standard pattern. Sharp pointed tips. 25 mm from mid-screw to tip. Overall length 98 mm.





# Scissors

## Miscellaneous

22020

### Eye Scissors, Angled

30 mm from mid-screw to tip. Sharp-pointed tips.  
Overall length 115 mm.



23060

### Bonn Eye Scissors

Curved. Overall length 89 mm.



24020

### Eye Scissors, curved

Delicate. Overall length 105 mm.



24050

### Eye Scissors

Curved. Overall length 90 mm.



E3243

### Clayman-Westcott Curved Scissors

Blunt tips. 11 mm from mid-screw to tip.  
Overall length 107 mm.



E3322

### Westcott Type Utility Scissors

Rounded sharp tips. 25 mm from mid-screw to tip.  
Overall length 131 mm.



E3383 C

### Clayman-Vannas Curved Scissors

Sharp pointed tips. 7 mm from mid-screw to tip.  
Overall length 83 mm.



# Scissors

## Miscellaneous

E3383S

### Clayman-Vannas Straight Scissors

x 1



Sharp pointed tips. 7 mm from mid-screw to tip.  
Overall length 83 mm.



E3410I

### Straight Eye Scissors

x 1

Pointed tips. 29 mm from mid-screw to tip.  
Overall length 109 mm.



E3412I

### Curved Eye Scissors

x 1

Pointed tips. 29 mm from mid-screw to tip.  
Overall length 109 mm.



E3424

### Straight Eye Scissors

x 1

Pointed tips. 32 mm from mid-screw to tip.  
Overall length 109 mm.



E3426

### Curved Eye Scissors

x 1

Pointed tips. 32 mm from mid-screw to tip.  
Overall length 109 mm.



E3436

### Angled Eye Scissors

x 1

Blunt probe-point tips. Angled. 26 mm from mid-screw to tip. Overall length 116 mm.



E3580

### Little Curved Dissecting Scissors

x 1



Light curved. Blunt tips. eyes in blades used for drawing sutures or muscle through a tunnel dissection.  
27 mm from mid-screw to tip. Overall length 119 mm.



# Scissors

## Retinal

ET8216 TL

### Vertical Scissors Tip low glare, 20GA



20 gauge. Rotatable intraocular vertical scissors with sharp pointed tips and guillotine action. 1mm diameter shaft. Facilitates removal of membranes that are causing traction. Great for PVR. Tangential traction. Used with ET8198H Retinal Handle (sold separately).



ET8218 TL

### Retinal Scissors Tip curved, low glare, 20GA



20 gauge. Rotatable curved scissors. Allow for delamination of Epiretinal tissue to release traction. PVR. Used with ET8198H Retinal Handle (sold separately).



ET8315

### StableGrip™ Vertical Scissors, 23 Gauge



The sharp pointed rotatable tips of this scissors facilitate removal of membranes that are causing traction. These scissors are designed for PVR and tangential traction. The front half of this instrument is gold to indicate a vertical scissors. The back half is colored green to indicate 23 gauge. Overall length 58 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8316

### StableGrip™ Curved Scissors, 23 Gauge



These scissors are designed for delamination of epiretinal tissue to release traction. Can also be used for PVR. The front half of this instrument is pink to indicate a curved scissors. The back half is colored green to indicate 23 gauge. Overall length 56 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



ET8515

### StableGrip™ Vertical Scissors, 25 Gauge



The sharp pointed rotatable tips of this scissors facilitate removal of membranes that are causing traction. These scissors are designed for PVR and tangential traction. The front half of this instrument is gold to indicate a vertical scissors. The back half is colored dark blue to indicate 25 gauge. Overall length 58 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



# Scissors

## Retinal

ET8516

### StableGrip™ Curved Scissors, 25 Gauge



These scissors are designed for delamination of epiretinal tissue to release traction. Can also be used for PVR. The front half of this instrument is pink to indicate a curved scissors. The back half is colored dark blue to indicate 25 gauge. Overall length 56 mm. Use with ET8198H StableGrip™ Vitreoretinal Handle sold separately.



## Strabismus

27041

### Strabismus Scissors



Short blades. Straight. Blunt tips.  
Overall length 110 mm.



27042

### Strabismus Scissors



Short blades. Curved. Blunt tips.  
Overall length 113 mm.



27051

### Strabismus Scissors



Long blades. Straight. Blunt tips.  
Overall length 103 mm.



27052

### Strabismus Scissors



Long blades. Curved.  
Overall length 103 mm.



27070

### Strabismus Scissors, Mod. Bonn



Curved. Overall length 88 mm.



## Strabismus

E35701

### Straight Strabismus Scissors

Blunt tips. 29 mm from mid-screw to tip.  
Overall length 109 mm.



E35711

### Curved Strabismus Scissors

Blunt tips. 29 mm from mid-screw to tip.  
Overall length 109 mm.



E35721

### Curved Strabismus Scissors

Blunt tips. Strongly Curved. 27 mm from mid-screw to tip.  
Overall length 106 mm.



E3576

### Knapp Straight Strabismus Scissors

Blunt tips. 25 mm from mid-screw to tip.  
Overall length 118 mm.



E3577

### Knapp Curved Strabismus Scissors

Blunt tips. Lightly Curved. 25 mm from mid-screw to tip.  
Overall length 118 mm.



E3578

### Knapp Curved Strabismus Scissors

Blunt tips. Strongly Curved. 25 mm from mid-screw to tip.  
Overall length 118 mm.



# Scissors

## Suture Stich

E3321

### Westcott Type Stitch Scissors

Sharp pointed tips. 21 mm from mid-screw to tip.  
Overall length 120 mm.



E3340

### Fine Straight Stitch Scissors

Sharp pointed tips. 17 mm from mid-screw to tip.  
Overall length 112 mm.



E3340 WH

### Fine Straight Stitch Scissors

Wide handle. Sharp pointed tips. 16 mm from mid-screw to tip.  
Overall length 132 mm.



E3590I

### Curved Stitch Scissors

Sharp pointed tips. 18 mm from mid-screw to tip.  
Overall length 97 mm.



## Tenotomy

27012

### Stevens Tenotomy Scissors

Short. Curved. Overall length 103 mm.



27060

### Westcott Tenotomy Scissors

Right. Blunt/blunt. Slightly curved.  
Overall length 110 mm.



# Scissors

## Tenotomy

27062

### Westcott Tenotomy Scissors

Right. Sharp pointed/sharp pointed.  
Overall length 110 mm.



27063

### Westcott Tenotomy Scissors

Left. Sharp pointed/sharp pointed.



27082

### Stevens Tenotomy Scissors

Long. Curved. Overall length 110 mm.



27100

### Westcott Micro Tenotomy Scissors

Blunt/Blunt. Overall length 99 mm.



E3320L

### Wescott Curved Tenotomy Scissors

Left. Blunt tips. 19 mm from mid-screw to tip.  
Overall length 115 mm.



E3320R

### Wescott Curved Tenotomy Scissors

Right. Blunt tips. 19 mm from mid-screw to tip.  
Overall length 115 mm.



E3320RS

### Shepard-Westcott Tenotomy Scissors

Right. Blunt tips. Curved. 21 mm from mid-screw to tip.  
Overall length 123 mm.



## Tenotomy

E3320RX

### Westcott Curved Tenotomy Scissors

Right. Sub-mini model. Blunt tips. 9 mm from mid-screw to tip. Overall length 88 mm.



E3552I

### Stevens Curved Tenotomy Scissors

Blunt tips. 19 mm from mid-screw to tip. Overall length 98 mm.



E3554I

### Stevens Straight Tenotomy Scissors

Light model. Blunt tips. 19 mm from mid-screw to tip. Overall length 98 mm.



E3556I

### Stevens Curved Tenotomy Scissors

Light model. Blunt tips. 19 mm from mid-screw to tip. Overall length 98 mm.



E3560

### Stevens Straight Tenotomy Scissors

Blunt tips. Overall length 112 mm.



E3562

### Stevens Curved Tenotomy Scissors

Blunt tips. Overall length 112 mm.







# Scleral Depressors



# Scleral Depressors

56040A

## Meyer-Schwickerath Localizer



Overall length 123 mm.



56201A

## Laqua Scleral Depressor



Double-ended. 4 mm teardrop-shaped end with 34 mm shaft and 2 mm trephine-like blunt end with 33 mm shaft. Pocket clip. Overall length 136 mm.

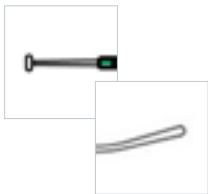


56210A

## Kreissig Localizer



Double-ended. 2.4 mm diameter conical tip. Slightly curved 32 mm shaft. 6.5 mm wide bar tip. Strongly curved 35 mm shaft. Pocket clip. Overall length 135 mm.



56320A

## Lucke Scleral Depressor



4 mm wide spatula-shaped tip. 3 mm shaft. Pocket clip. Overall length 133 mm.



E5100 10

## Schepens Scleral Depressor



8 mm. Medium thimble. Overall length 43 mm.



E5106

## Urrets-Zavalía Depressor



Depressor and fixation pick. Depressor has sufficient sharpness to permit the rotation of the globe during examination. Overall length 123 mm.



# Scleral Depressors

E5107

## Flynn Scleral Depressor

x 1



Lens loop style, excellent for depressing paediatric sclera. Overall length 80 mm.



E5108

## Schocket Double Ended Scleral Depressor

x 1



Double-end depressor and marker. Rounded end designed for depressing sclera and curved marking end for reaching behind the globe. 6 mm wide bar and 2.5 mm teardrop shape tips. Overall length 134 mm.



E5109

## O'Connor Scleral Depressor Marker

x 1



3 mm teardrop-shaped end and 1.5 mm Gass marker end. Overall length 133 mm.



E5112

## Spaide Pediatric Scleral Depressor

x 1



Tip curved to fit the globe of an infant. Serrated surface grasps the conjunctiva to rotate the eye in any direction. The tip of the foot is used to depress the sclera. Overall length 125 mm.







# Spatulas

- Capsule/Capsule Polishing ..... 222
- Corneal ..... 223
- Iris ..... 225
- LASEK ..... 227
- LASIK ..... 227
- Nucleus ..... 228
- Orbital ..... 229
- Retinal ..... 230
- Scleral ..... 230
- Vitreous ..... 230



## Capsule/Capsule Polishing

55350

### Capsule Spatula

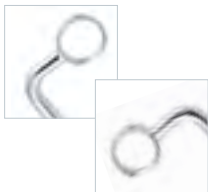


Delicate. Overall length 120 mm.



E0523

### Whitman Shepherd Double-Ended Capsule Polisher



Designed for removing LECs from the inner surface of the capsule. The circular ends are ideal for cleaning the equator of the capsular bag prior to Crystalens® insertion. The double ended design provides a left angled and right angled polisher on one handle for surgeon convenience. Overall length 130 mm.



E0525

### Pepose Micro Capsule Polisher



Designed for polishing the underside of the anterior capsular leaflets, which is an essential step prior to placement of an accommodating IOL. The polishing tips are small enough to fit through both the main phaco incision as well as the side port incision, facilitating 360° polishing. Overall length 13mm.



E0511

### Safran Capsule Weep Polisher



Double-ended design features a paddle that is angled for both left and right capsule polishing. The tip is designed for effective removal of the lens epithelial cells. Overall length 111 mm.



E0645

### Hu Capsule Polisher



The unique design of this polisher provides flexibility and ease of use in removing lens epithelial cells. The ring, set at 90 degrees from the shaft can be used to polish the posterior capsule and anterior leaflet on both the left and right sides of the capsule by flipping the instrument over. To polish the sub-incisional capsule, rotate the polisher ring down and move from left to right. Overall length 122 mm.



# Spatulas

## Corneal

E0478

### Slade Laser LRI Dissector



Designed to open femtosecond laser incisions quickly and effectively at the time of surgery or during a follow up visit. The blunt tip is designed to prevent penetration through the cornea. Four dissecting edges at the tip are designed to assist dissection of a curved incision without rotation of the instrument. Overall length 117 mm.



53300

### Stromal channel Spatula, right



For implantation of intracorneal ring segments - femtosecond laser-assisted technique and mechanical technique. Instrument for dissection of connecting tissue in the channel as well as insertion of intracorneal ring segments.



53301

### Stromal channel Spatula, left



For implantation of intracorneal ring segments - femtosecond laser-assisted technique and mechanical technique. Instrument for dissection of connecting tissue in the channel as well as insertion of intracorneal ring segments.



E0479

### Fogla Trifacet Spatula

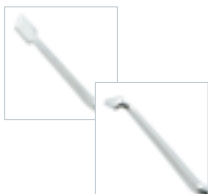


The trifacet design of this instrument with its blunt tip permits safe introduction into the space between Descemet's membrane and the corneal stroma following the formation of the "big bubble" in DALK. The anterior stroma can then be safely incised over the sharp edge of the spatula in order to enlarge the opening without damaging Descemet's membrane. Overall length 121.9 mm.



E2998

### Daya Femto Incision Separator



Designed to reduce the likelihood of the surgeon altering laser incisions. Designed for use in opening all corneal wounds - with both ends of the separator having the capability to pass through a sideport. Overall length 127 mm.



# Spatulas

## Corneal

E2999

### Weinstock Wound Dissector

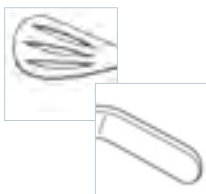


The Weinstock wound dissector is designed to dissect the ablated zone to create the track for the phaco wound and the side port incision during the femtosecond cataract procedure. The width of the keratome shaped dissector is 1.6 mm for biaxial procedures. Overall length 119 mm.



E3046

### Paton Double Ended Spatula



Cyclodialysis spatula. 6 mm wide by 15 mm long thin blade with three grooves. 2 mm wide by 31 mm blade with 7 mm angled tip. Overall length 143 mm.



E3125

### Cindy Sweeper For DSEK



Designed for a smooth glide across corneal surface to smooth out interface between stromal surface and the DSEK graft.



E3112

### Ousley Implant Spatula



Used to introduce donor stromal tissue into patient's eye during a DLEK procedure. Overall length 126 mm.



E3113

### Devers-Terry Dissector Straight



Used to dissect or separate stromal tissue during a DLEK procedure. Overall length 127 mm.



E3114

### Devers-Terry Dissector Curved



Used to dissect or separate stromal tissue during a DLEK procedure. Overall length 127 mm.





# Spatulas

## Corneal

E3124

### Terry Non-Irrigating Scraper



Used to Gently roughen the inner stromal surface of the cornea in preparation for the graft in the DSEK procedure.



ET2997

### Osher Double-Ended Femto Wound Dissector



This dissector features dual paddles to allow the surgeon to open all femtosecond incisions prepared by the laser with one instrument. The double-ended design provides a horizontal paddle that assists with opening the phaco wound and the side-port incision. A second vertical paddle with a squared off nose is used to support the expansion of the astigmatism incision. Once the wound is opened, the paddle can be inserted into the wound opening and double as a chopper/lens manipulator. Overall length 137 mm.



## Iris

54113A

### Wecker Iris Spatula



Conical. Overall length 134 mm.



54121A

### Bangerter Iris Spatula



1.5 mm. Overall length 120 mm.



54161

### Castroviejo Spatula



10 mm long. Overall length 128 mm.



# Spatulas

## Iris

54250

Wecker Spatula, Model Frankfurt



0.3 mm. Overall length 134 mm.



54270A

Spatula



Flat-angled. 0.15 x 0.5 mm. 7 mm tip. 20 mm shaft.  
Angled 55°. Overall length 118 mm.



54270Y2A

Spatula



Flat-angled. 0.15 x 0.3 mm. 10 mm tip. 18 mm shaft.  
Angled 55°. Overall length 116 mm.



54270Y4

Spatula



Flat-angled. 0.5 x 0.3 mm. 10 mm tip.  
Overall length 110 mm.



E0474

Castroviejo Double Ended Spatula



Synechia spatula. 0.5 x 10 mm and 0.5 x 15 mm blades.  
Overall length 139 mm.



E0481

Clayman Spatula



0.5 x 10 mm with blunt tip. Overall length 128 mm.



# Spatulas

## Iris

E0485

Barraquer Iris Spatula



0.5 x 15 mm tip. Overall length 90 mm.



E0485C

Cleasby Iris Spatula



12 mm angled tip. Overall length 90 mm.



## LASEK

53010T

Spatula Epithelium LASEK



Hockey knife shaped spatula with sharp anterior part to detach epithelium at the incision of the trephine. Titanium.



53011T

Hoe Epithelium LASEK



Epithelial hoe with rounded edges and semi sharp sides is used to manipulate detached surface epithelium. Titanium



## LASIK

53003T

Flap Lifter LASIK Kohnen



Designed for easy entrance into the interface in case of retreatment. Sharpened edge. 0.7 mm length. Titanium.



53004T

Spatula LASIK Kohnen



For flap manipulation in case of retreatment. Tapered tip spatula facilitates easy separation of corneal tissues. 10 mm angle from tip to bend. Titanium.

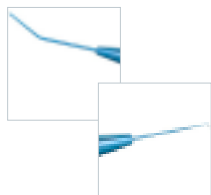


# Spatulas

## LASIK

53012T

Kohlen-Koch I LASIK combined instrument

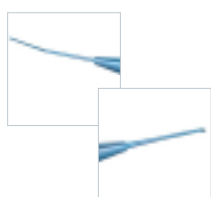


Sharp tip facilitates dissection of previous flap for retreatment. Tapered tip spatula facilitates easy separation of corneal tissues. 10 mm angle from tip to bend. Titanium.



53013T

Kohlen-Koch II LASIK combined instrument

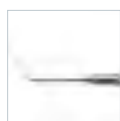


Double ended instrument designed for easy entrance into the interface in case of retreatment. Sharpened edge. 0.7 mm length and sharp spatula for dissection of previous flap. Titanium.



E0622

Slade Refractive Spatula

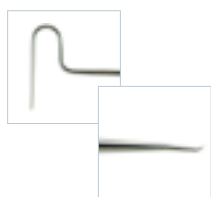


Smooth blunt round spatula. For manipulation of the corneal flap.



E9110

MacRae LASIK Flap Spatula



A multi-use tool for LASIK procedures. The small, blunt tip is designed to separate the stromal layer. The second tip features a long, horizontal tip designed to aid in lifting the corneal flap during the procedure. Overall length 132 mm.



## Nucleus

54420

Hermeking Spatula



10 mm tip. Angled 50°. Overall length 108 mm.



# Spatulas

## Nucleus

E0712

### Koch Phaco Spatula

x 1



Duckbilled spatula designed to enter a side-port stab incision with tip broad enough to efficiently manipulate the nucleus in the anterior chamber. Useful for rotating and cracking the nucleus. Overall length 117 mm.



E0730

### Johnson Spatula

x 1



0.25 x 10 mm blade. Overall length 105 mm.



E1091

### Kimura Platinum Spatula

x 1



4 x 17.5 mm spatula. Overall length 149 mm.



SUF03

### Phaco Spatula

x 12



Angled. 11 mm spatula length. 117 mm overall length. For nucleus manipulation. Packaged single. Sterile. 12/box.



## Orbital

57150

### Spatula, Model Giessen

BAUSCH + LOMB  
Instruments

x 1

36 mm long. 9 mm wide. Overall length 164 mm.



# Spatulas

## Retinal

56301

### Olk Retinal Spatula



110°. Black. Overall length 135 mm.



56302

### Olk Retinal Spatula



130°. Black.



## Scleral

E0484

### Barraquer Cyclodialysis Spatula



0.5 mm x 15 mm angled round blade with smoothly pointed tip and Gently curved blade. Overall length 120 mm.



E0489

### Castroviejo Double-Ended Spatula



Double ended with 0.5 x 10 mm and 0.5 x 15 mm blades. Both blades Gently curved. Square serrated handle with polished finish. Overall length 138 mm.



## Vitreous

E0487M

### Maumenee-Barraquer Vitreous Spatula



10 mm angled tip with indentation on side and Gently curved blade. Indentation: Left Side. Overall length 119 mm.





# Specula

Accessories .....	232
Locking/Adjustable .....	232
Wire .....	238



## Accessories

93011

### Spare Tubing For LASIK Specula

460 mm bifurcated silicone tubing. Male luer-lock connector. Can be used for specula 52135. 52136. 52137. 52138. E4061. E4061 H. E4067. And E4119.



93012

### Aspiration specula tubing extension

For use with aspirating speculum Art. Nos. 52135. 52136. 52137. 52138. Silicone tube 2 m. With male and female luer connector.



99195

### T-Connector Metal For Aspiration Speculum

For use with aspirating speculum Art. Nos. 52135. 52136. 52137. 52138.



E4118T

### Aspiration Tubing For Speculum Tubing only For E4067 speculum

Replacement aspiration tubing for E4119 & E4067 speculum. Individually packaged. Non sterile.



## Locking/Adjustable

52021

### Weiss Eye Speculum

Child size. Right. Solid blades. 67 mm.



52022

### Weiss Eye Speculum

Child size. Left. Solid blades. 67 mm.





# Specula

## Locking/Adjustable

52070

### Sauer Pediatric Eye Speculum

Child size. Overall length 30 mm.



52111

### Pretori Eye Speculum

Left. 68 mm.



52112

### Pretori Eye Speculum

Right. 68 mm.



52131

### Mellinger Eye Speculum

Overall length 70 mm.



52132

### Mellinger Eye Speculum

Paediatric. 56 mm.



52135

### LASIK Speculum with Aspiration

Angled 45°. open blades of closed wire loops. 17 mm blade outer width. 14.5 mm blade inner width. 33 mm max. Blade spread. 4 aspirating ports on lateral blade bends. Screw-type blade spread mechanism. 460 mm bifurcated silicone tubing. male luer-lock connector.



## Locking/Adjustable

52136

### Speculum LASIK with aspiration, round valves

LASIK speculum with rounded valves for optimum patient comfort. Blade width allows for convenient insertion of suction ring. 3 aspirating ports on lateral blade bends. 17.5 mm blade outer length. 15 mm blade inner length. 38 mm maximum blade spread.



52137

### Speculum LASIK with aspiration, open valves

LASIK speculum with rounded, open valves for optimum patient comfort. Blade width allows for convenient insertion of suction ring. 3 aspirating ports on lateral blade bends. 18 mm blade outer length. 15.5 mm blade inner length. 46 mm maximum blade spread.



52138

### Speculum with aspiration

LASIK speculum with rounded valves for optimum patient comfort. Blade width allows for convenient insertion of suction ring. 3 aspirating ports on lateral blade bends. 12mm blade inner length. 14.5 mm blade outer length. 38 mm maximum blade spread.



52141

### Mellinger/Beard Eye Speculum

Blade length 12 mm. Overall length 68 mm.



52142

### Mellinger/Beard Eye Speculum

Child size. 53 mm.



52201

### Cook Eye Speculum

9 mm blades. Small. 35 mm.



# Specula

## Locking/Adjustable

52202

### Cook Eye Speculum

Medium. 38 mm.



52203

### Cook Eye Speculum

Large. 48 mm.



52250

### Bangerter Eye Speculum

55 mm.



52000S

### Eye Speculum with Aspiration, sterile



Designed to aspirate excess fluid around the eye during cataract and refractive procedures. Adjustable for precise control of eyelid retraction. Speculum with rounded valves for optimum patient comfort. Packaged single sterile. 3/box.



SUH04

### Adjustable Eye Speculum, sterile



Sterile single use adjustable eye speculum with 16mm solid blades. Packaged single. Sterile. 6/box.



52201Y3

### Cook Eye Speculum

For infant. 5 mm blades. Small. 35 mm.



## Locking/Adjustable

E4040

### Castroviejo Speculum

Small. 15 mm blades. 28 mm blade spread. 75 mm.



E4041

### Castroviejo Speculum

Medium. 16 mm blades. 31 mm blade spread. 82 mm.



E4050

### Williams Eye Speculum

Adult size. 14 mm blades. Blade spread 52 mm.  
With locking mechanism. 86 mm.



E4051

### Williams Eye Speculum

Paediatric model. 11 mm blades.  
Blade spread 41 mm. 69 mm.



E4056

### Lancaster Eye Speculum

14 mm blades. Blade spread 41 mm. 82 mm.



E4064

### Knapp Eye Speculum

13 mm blades. 85 mm.



## Locking/Adjustable

E4065

### Lieberman Wire Speculum

Adjustable wire speculum with 17 mm open blades.



E4065 A

### Lieberman Wire Speculum

Adjustable wire speculum with 17 mm open blades.  
Shaft angled 45°.



E4067

### Lindstrom Aspirating Speculum

Adjustable with 17 mm wire blades. Angled 45°.



E4072

### Mellinger Eye Speculum

16 mm blades. 27 mm blade spread. 70 mm.



E4073

### Mellinger Eye Speculum

16 mm blades. 27 mm blade spread.  
Self-locking mechanism. 70 mm.



E4094

### Murdoch Eye Speculum

14 mm blades. 24 mm blade spread. 57 mm.



# Specula

## Locking/Adjustable

E4111

### Saunders Eye Speculum, Premature Infant

Solid 4 mm blades. 14 mm blade spread. 35 mm.



ET4065

### Lieberman Wire Speculum

Adjustable wire speculum with 17 mm open blades. Shaft angled 45°. Titanium.



## Wire

SUH01

### Barraquer Eye Speculum, sterile

Sterile single use wire speculum with closed valves. 14mm blade length. Packaged single. Sterile. 24/box.



52121

### Barraquer Eye Speculum

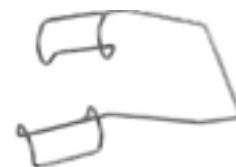
14 mm blades. Overall length 40 mm.



52121H

### Barraquer Eye Speculum Adult Heavy Wire

14 mm blades. 40 mm. As item 52121 but heavy valves 1.0 mm Ø.



52121K

### Kratz-Barraquer Eye Speculum

14 mm blades. 40 mm. Open valves.



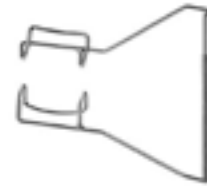
# Specula

## Wire

52123Y1

Barraquer-Osterhuis Eye Speculum

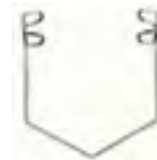
28 mm.



52125Y1

Barraquer Eye Speculum

Baby size. 5 mm blades. Blade distance 20 mm. 30 mm.



E4106 KT

Temporal Approach Lid Speculum

14 mm blades. 18 mm blade spread. 41 mm.



E4106 N

Kratz-Nichamin Speculum

16 mm blades. 45 mm.



E4106 S

Barraquer Eye Speculum

Solid 14 mm blades. 18 mm blade spread. 41 mm.



E4106 ST

Barraquer Temporal Approach Lid Speculum

Angled for temporal approach. Solid 14 mm blades. 18 mm blade spread. Overall length 41 mm.



E4106 T

Barraquer Lid Speculum

Angled for temporal approach. 14 mm wire rounded blades. 18 mm blade spread. Overall length 38 mm.



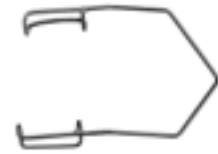
# Specula

## Wire

E4107

### Barraquer Eye Speculum, Pediatric

11 mm blades. 19 mm blade spread.  
Overall length 34 mm.



E4107K

### Kratz-Barraquer Eye Speculum, Pediatric

10 mm blades. 19 mm blade spread.  
Overall length 35 mm.



E4107P

### Barraquer Pediatric Speculum

Closed wire 5 mm blade with a wing tip twist giving the surgeon better on-axis accessibility.  
Overall length 30 mm.



E4107PS

### Barraquer Pediatric Speculum

For newborn or paediatric use. 6 mm blades.  
Overall length 30 mm.



E4108

### Floyd-Barraquer Eye Speculum

14 mm open wire blades with 6 mm lifting wings.  
18 mm blade spread. Overall length 40 mm.



E4110

### Sauer Eye Speculum, Infant

Solid 8 mm blades. 20 mm blade spread.  
Overall length 35 mm.



E4112

### Alfonso Eye Speculum, Newborn

Open 5 mm blades. 27 mm blade spread.  
Overall length 45 mm.





# Spoons, Curettes



Chalazion Curettes.....	242
Spoons .....	243



# Spoons, Curettes

## Chalazion Curettes

E0780

Meyerhoefer Chalazion Curette

BAUSCH + LOMB  
Instruments



No. 0. 1.5 mm cup Ø. Overall length 125 mm.



E0781

Meyerhoefer Chalazion Curette

BAUSCH + LOMB  
Instruments



No. 1. 1.75 mm cup Ø. Overall length 125 mm.



E0782

Meyerhoefer Chalazion Curette

BAUSCH + LOMB  
Instruments



No. 2. 2.0 mm cup Ø. Overall length 125 mm.



E0783

Meyerhoefer Chalazion Curette

BAUSCH + LOMB  
Instruments



No. 3. 2.5 mm cup Ø. Overall length 125 mm.



E0784

Meyerhoefer Chalazion Curette

BAUSCH + LOMB  
Instruments



No. 4. 3.5 mm cup Ø. Overall length 125 mm.



E0790

Skeele Curette

BAUSCH + LOMB  
Instruments



With serrated edge. 2,0 mm cup Ø.  
Overall length 125 mm.



# Spoons, Curettes

## Spoons

E3720

### Wells Enucleation Spoon



21 mm wide spoon. 5 mm by 10 mm notch.  
Overall length 147 mm.



E3740

### Bunge Enucleation Spoon



12 mm diameter. Overall length 140 mm.



E3742

### Bunge Enucleation Spoon



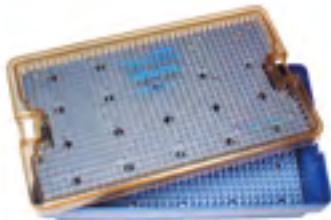
8 mm diameter. Overall length 136 mm.





# Sterilisation Trays and Protection

Protection ..... 246  
Sterilisation Trays ..... 246



# Sterilisation Trays and Protection

## Protection

E4398

Protector For Lens Hook Tips

52 mm.



E4399

Cannula Protector

Made of Teflon. Adapts to cannula hubs.  
10 mm outer Ø. 50 mm.



## Sterilisation Trays

E5754I

Sterilising Tray

For tonometer. Anodised aluminium tray with nylon inserts. Two pins for extra weights and hole for zero test block. Size 147 x 94 x 48 mm.



E7406

Plastic Tray, 150 x 250 mm

Sterilisable plastic tray with silicone matting for supporting and protecting instruments. 150 x 250 mm. For 10-20 instruments. Overall height 25 mm (incl. floor nobs).



E7407

Diamond Knife Sterilising Tray

Diamond knife tray with silicone inserts to securely hold the diamond knife. For 2 knives. 6cm wide. 15.87 cm length. 2.54 cm depth.



E7409

Plastic Tray, 80 x 160 mm

Sterilisable plastic tray with silicone matting for supporting and protecting instruments. 80 x 160 mm. For 4-7 instruments. Overall height 25 mm (incl. floor nobs).



E7411

Double Layer Microsurgical Instrument

Size 254 x 154 x 49 mm. Capacity 20-30 instruments.  
Double layer sterilisable plastic tray with silicone matting on both layers for supporting and protecting instruments.





# Tonometers



# Tonometers

E5754

## Schioetz Tonometer

Stainless steel construction with etched scale for easy reading. Supplied with leatherette case, tables, zero test block and 7,5 gram, 10 gram, and 15 gram weights. Autoclavable. Overall length 129 mm.



E5754 B

## Extra Weight 7.5 g

For Storz-Schioetz Tonometer E5754.



E5754 C

## Extra Weight 10.0 g

For Storz-Schioetz Tonometer E5754.



E5754 D

## Extra Weight 5.5 g

For Storz-Schioetz Tonometer E5754.





# Trephines/ Punches



LASEK .....	250
Miscellaneous .....	250
Punches .....	251
Rongeurs .....	251
Trephines .....	252



# Trephines/Punches

## LASEK

53008T

Trephine LASEK Titanium, 8.0 mm



The trephine has a 270° cutting edge. A cut-out of 90° allows to create a flap hinge. Marks on top of the ring indicate the hinge area. Titanium 8.0 mm Ø.



53009T

Trephine LASEK Titanium, 9.0 mm



The trephine has a 270° cutting edge. A cut-out of 90° allows to create a flap hinge. Marks on top of the ring indicate the hinge area. Titanium 9.0 mm Ø.



53014T

Combined instrument trephine /alcohol cone



Double ended instrument combines 8.0 mm Ø trephine and 8.5 mm Ø alcohol cone. Trephine with 270° cutting edge and a 90° cut-out for creating a flap hinge. The alcohol cone has two concentric rings on the lower side of the cornea to ensure sealed chamber. Titanium.



## Miscellaneous

E3048

Fine Corneal Carrying Case



Plastic case equipped with slots for arranging sutures.



E3067

Brightbill Corneal Cutting Block



With 3 wells of 15, 16.5 & 18 mm surface Ø and 8 mm centering dots. Block size 52 x 52 x 19 mm.



93100S

Böhnke Donor Cornea Holder



The Böhnke Donor Cornea Holder is used for holding the donor cornea during cornea storage in cell culture medium. Packaged single. Sterile. 10/box.



# Trephines/Punches

## Punches

E2798

### Kelly Decemet Membrane Punch



For 0.75 mm round holes without tissue tags. Triangular squeeze action handle. Overall length 130 mm.



E3097 BP

### Base Plug For Punch in Sets E3097



14 mm Ø. 8 mm high.



E3097

### Cottingham Punch with Universal Handle



Metal punch with universal style handle. used for disposable E3096 Series STORZ Corneal Transplant Trephine Blades. supplied with two replaceable base plugs (E3097 BP). Overall length 60 mm.



## Rongeurs

E4590

### Belz Lacrimal Sac Rongeur

BAUSCH + LOMB  
Instruments



Rounded 17 mm long jaws. 2 mm wide at tip. 3 mm wide at midline. Overall length 180 mm.



# Trephines/Punches

## Trephines

E3050 6.0G

Tanne Universal Disposable Trephine

6.0 mm Ø. Sterile. For handle E3050 H. 17.6 mm.



E3050 6.25G

Tanne Universal Disposable Trephine

6.25 mm Ø. Sterile. For handle E3050 H.



E3050 6.5G

Tanne Universal Disposable Trephine

6.5 mm Ø. Sterile. For handle E3050 H.



E3050 6.75G

Tanne Universal Disposable Trephine

6.75 mm Ø. Sterile. For handle E3050 H.



E3050 7.0G

Tanne Universal Disposable Trephine

7.0 mm Ø. Sterile. For handle E3050 H.



E3050 7.25G

Tanne Universal Disposable Trephine

7.25 mm Ø. Sterile. For handle E3050 H.



E3050 7.5G

Tanne Universal Disposable Trephine

7.5 mm Ø. Sterile. For handle E3050 H.



# Trephines/Punches

## Trephines

E3050 7.75G

Tanne Universal Disposable Trephine

7.75 mm Ø. Sterile. For handle E3050 H.



E3050 8.0G

Tanne Universal Disposable Trephine

8.0 mm Ø. Sterile. For handle E3050 H.



E3050 8.25G

Tanne Universal Disposable Trephine

8.25 mm Ø. Sterile. For handle E3050 H.



E3050 8.5G

Tanne Universal Disposable Trephine

8.5 mm Ø. Sterile. For handle E3050 H.



E3050 8.75G

Tanne Universal Disposable Trephine

8.75 mm Ø. Sterile. For handle E3050 H.



E3050 9.0G

Tanne Universal Disposable Trephine

9.0 mm Ø. Sterile. For handle E3050 H.



E3050 9.25G

Tanne Universal Disposable Trephine

9.25 mm Ø. Sterile. For handle E3050 H.



# Trephines/Punches

## Trephines

E3050 H

### Tanne Trephine Blade Handle

For E3050 Tanne universal disposable trephine blades.



E3095

### Universal Trephine Handle

Round knurled handle with adjustable finger-like tips that rest in the grooved disposable trephine blades. Used with E3096 Series Disposable Trephine Blades. Polished finish. Overall length 49 mm.



E3096 6.0G

### Disposable Trephine Blade

Sterile. 6.0 mm Ø. Length 9.0 mm.  
To be used with handle E3095.



E3096 6.0LG

### Disposable Trephine Blade

Long. Sterile. For holders E3094 H6.0 & E3095.  
6.0 mm Ø. 9.0 mm.



E3096 6.2G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
6.25 mm Ø. 9.0 mm.



E3096 6.5G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
6.5 mm Ø. 9.0 mm.



E3096 6.5LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
6.5 mm Ø. 15.0 mm.



# Trephines/Punches

## Trephines

E3096 6.7G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
6.75 mm Ø. 9.0 mm.



E3096 6.7LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
6.75 mm Ø. 15.0 mm.



E3096 7.0G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
7.0 mm Ø. 9.0 mm.



E3096 7.0LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
7.0 mm Ø. 15.0 mm.



E3096 7.2G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
7.25 mm Ø. 9.0 mm.



E3096 7.2LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
7.25 mm Ø. 15.0 mm.



E3096 7.5G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
7.5 mm Ø. 9.0 mm.



# Trephines/Punches

## Trephines

E3096 7.5LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
7.5 mm Ø. 15.0 mm.



E3096 7.7G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
7.75 mm Ø. 9.0 mm.



E3096 7.7LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
7.75 mm Ø. 15.0 mm.



E3096 8.0G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
8.0 mm Ø. 9.0 mm.



E3096 8.0LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
8.0 mm Ø. 15.0 mm.



E3096 8.2G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
8.25 mm Ø. 9.0 mm.



E3096 8.2LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
8.25 mm Ø. 15.0 mm.





# Trephines/Punches

## Trephines

E3096 8.5G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
8.5 mm Ø. 9.0 mm.



E3096 8.5LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
8.5 mm Ø. 15.0 mm.



E3096 8.7G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
8.75 mm Ø. 9.0 mm.



E3096 8.7LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
8.75 mm Ø. 15.0 mm.



E3096 9.0G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
9.0 mm Ø. 9.0 mm.



E3096 9.0LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
9.0 mm Ø. 15.0 mm.



E3096 9.2G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
9.25 mm Ø. 9.0 mm.



# Trephines/Punches

## Trephines

E3096 9.2LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
9.25 mm Ø. 15.0 mm.



E3096 9.5G

### Disposable Trephine Blade

Sterile. For holder E3095 or punch E3097.  
9.5 mm Ø. 9.0 mm.



E3096 9.5LG

### Disposable Trephine Blade

Long. Sterile. For holder E3095 or punch E3097.  
9.5 mm Ø. 15.0 mm.





# Vitrectomy Lenses



# Vitrectomy Lenses

99500

## Kilp Lens

Plan-concave silicone for routine vitrectomy. With a silicone ring of 4 mm height which juts out 2 mm inwards to fit the corneal curvature and for firm suction. Lens Ø 11 mm. Ring Ø 14 mm.



99501

## Kilp Replacement Silicone Ring for Lens

Replacement ring for use with the Kilp vitrectomy lens 99500.



99501Y1

## Clemens Lens Holder

For use with the Kilp vitrectomy lens 99500. C-shaped holder with 15 mm diameter. 45° angled. Overall length 67 mm.



E1983

## Landers Vitrectomy Lens Forceps

For use with the Landers Vitrectomy Set MVS 1079A. Shafts angled 45° with curved grooved blades for holding the Landers vitrectomy lenses. Overall length 103 mm.





# Instrument Sets by Procedure

Refractive Surgery ..... 262  
Corneal Surgery ..... 264  
Phacoemulsification ..... 267  
Miscellaneous ..... 270  
Vitreoretinal Surgery ..... 271



# Instrument Sets by Procedure

## Refractive Surgery

SET

### LASIK



- 1. **52135** LASIK Speculum with Aspiration
- 2. **53000T** Corneal Marker LASIK Kohnen
- 3. **63020** Corneal flap Forceps LASIK

- 4. **83010** LASIK Irrigation Cannula
- 5. **E0622** Slade Refractive Spatula
- 6. **E7406** Plastic Tray, 150 x 250 mm

SET

### Wallace LRI



- 1. **E0126** Wallace LRI Diamond Knife
- 2. **E7409** Plastic Tray, 80 x 160 mm

- 3. **ET2425** Wallace Mendez Degree Gauge
- 4. **ET3199** Colibri Forceps 0.12

SET

### Oyakawa LRI



- 1. **E0127** Oyakawa LRI Diamond Knife
- 2. **E2426** Oyakawa LRI Gauge

- 3. **E7409** Plastic Tray, 80 x 160 mm

## Refractive Surgery

SET

### McDonald Lindstrom Corneal Relaxing Incisions



- |    |              |                            |    |                 |                                   |
|----|--------------|----------------------------|----|-----------------|-----------------------------------|
| 1. | <b>E2421</b> | Mendez Degree Gauge        | 5. | <b>E9008</b>    | McDonald Relaxing Incision Marker |
| 2. | <b>E7406</b> | Plastic Tray, 150 x 250 mm | 6. | <b>E9059 AA</b> | Two-Step RK Diamond Knife         |
| 3. | <b>E9001</b> | McDonald Marker 2 Line     | 7. | <b>ET9044</b>   | Devgan-Seibel Fixation Ring       |
| 4. | <b>E9003</b> | McDonald Marker 4 Line     |    |                 |                                   |

SET

### Toric Lens Procedure



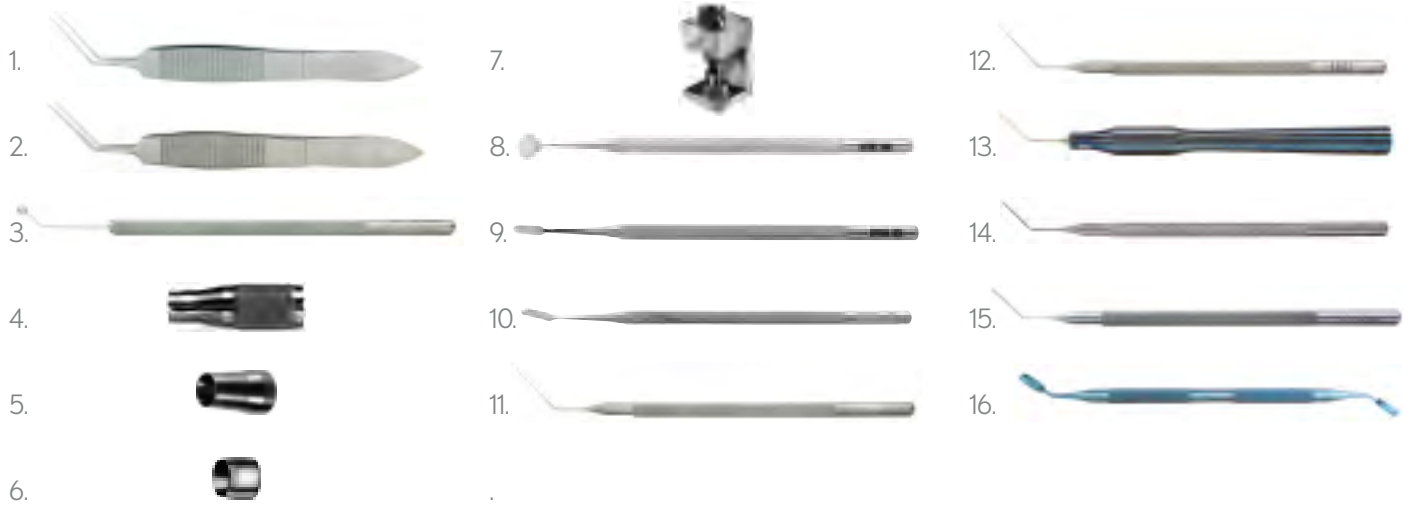
- |    |              |                                 |    |              |                                       |
|----|--------------|---------------------------------|----|--------------|---------------------------------------|
| 1. | <b>E2427</b> | Whitman Double-Ended LRI Marker | 4. | <b>E2432</b> | Nichamin Double-Ended LRI/Toric Gauge |
| 2. | <b>E2430</b> | Whitman Axis Marker             | 5. | <b>E2433</b> | Böhne-Mendez Degree Gauge             |
| 3. | <b>E2431</b> | Storz Toric Bubble Marker       | 6. | <b>E7406</b> | Plastic Tray, 150 x 250 mm            |

# Instrument Sets by Procedure

## Corneal Surgery

SET

DSAEK



- |                        |  |                   |                                   |
|------------------------|--|-------------------|-----------------------------------|
| 1. <b>E2015</b>        | Snyder Stripping Forceps               | 9. <b>E3113</b>   | Devers-Terry Dissector Straight   |
| 2. <b>E2039</b>        | Carlson DSEK Graft Forceps             | 10. <b>E3114</b>  | Devers-Terry Dissector Curved     |
| 3. <b>E2040</b>        | Carlson DSEK Smoother                  | 11. <b>E3119</b>  | Reverse Sinskey Hook              |
| 4. <b>E3050 H</b>      | Tanne Trephine Blade Handle            | 12. <b>E3122</b>  | Nick Pick #2                      |
| 5. <b>E3050 Series</b> | Tanne Universal Disposable Trephine    | 13. <b>E3123</b>  | Terry Irrigating Scraper          |
| 6. <b>E3096 Series</b> | Disposable Trephine Blade              | 14. <b>E3124</b>  | Terry Non-Irrigating Scraper      |
| 7. <b>E3097</b>        | Cottingham Punch with Universal Handle | 15. <b>E3125</b>  | Cindy Sweeper For DSEK            |
| 8. <b>E3112</b>        | Ousley Implant Spatula                 | 16. <b>ET3126</b> | 8.5 mm and 9.0 mm Corneal Markers |

SET

DALK
































- |                    |                                      |                    |                                  |
|--------------------|--------------------------------------|--------------------|----------------------------------|
| 1. <b>E0479</b>    | Fogla Trifacet Spatula               | 4. <b>E4924 27</b> | Fogla 27ga Air Injection Cannula |
| 2. <b>E0480</b>    | Fogla Pointed Dissector              | 5. <b>E3217 L</b>  | Fogla Scissors Left              |
| 3. <b>E4924 25</b> | Fogla Air Injection Cannula 25 Gauge | 6. <b>E3217 R</b>  | Fogla Scissors Right             |



# Instrument Sets by Procedure

## Corneal Surgery

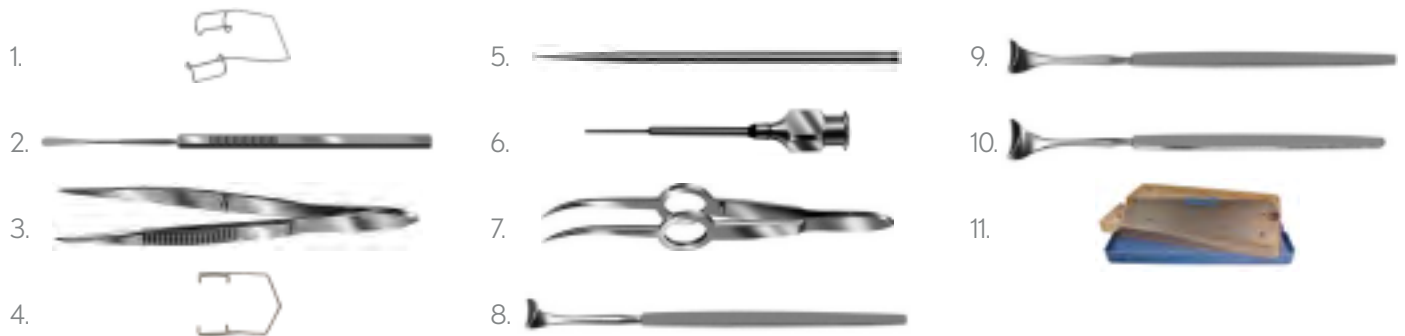
SET	Penetrating Keratoplasty					
1.		11.		21.		
2.		12.		22.		
3.		13.		23.		
4.		14.		24.		
5.		15.		25.		
6.		16.		26.		
7.		17.		27.		
8.		18.		28.		
9.		19.		29.		
10.		20.				
1.	<b>52203</b>			16.	<b>E3096 Series</b>	Disposable Trephine Blade
2.	<b>6-700</b>			17.	<b>E3097</b>	Cottingham Punch with Universal Handle
3.	<b>85640</b>			18.	<b>E3097 BP</b>	Base Plug For Punch in Sets E3097
4.	<b>E0499 30</b>			19.	<b>E3205</b>	Corneal Colibri Forceps
5.	<b>13131A</b>			20.	<b>23201</b>	Katzin Corneal Transplant Scissors
6.	<b>13132A</b>			21.	<b>23202</b>	Katzin Corneal Transplant Scissors
7.	<b>E1500</b>			22.	<b>E3304 M</b>	Castroviejo Corneal Section Scissors
8.	<b>E1796</b>			23.	<b>E3305 M</b>	Castroviejo Corneal Section Scissors
9.	<b>E1797</b>			24.	<b>E3321MWH</b>	Castroviejo Keratoplasty-Utility-Stitch Scissors
10.	<b>E1815 S</b>			25.	<b>73050</b>	Barraquer Needle Holder
11.	<b>E3046</b>			26.	<b>93100S</b>	Böhnke Donor Cornea Holder
12.	<b>63150</b>			27.	<b>E3048</b>	Fine Corneal Carrying Case
13.	<b>63160</b>			28.	<b>E7406</b>	Plastic Tray, 150 x 250 mm
14.	<b>E6774</b>			29.	<b>E4034 series</b>	Flieringa Fixation Ring
15.	<b>E3095</b>					

# Instrument Sets by Procedure

## Corneal Surgery

SET

### Foreign Body Removal



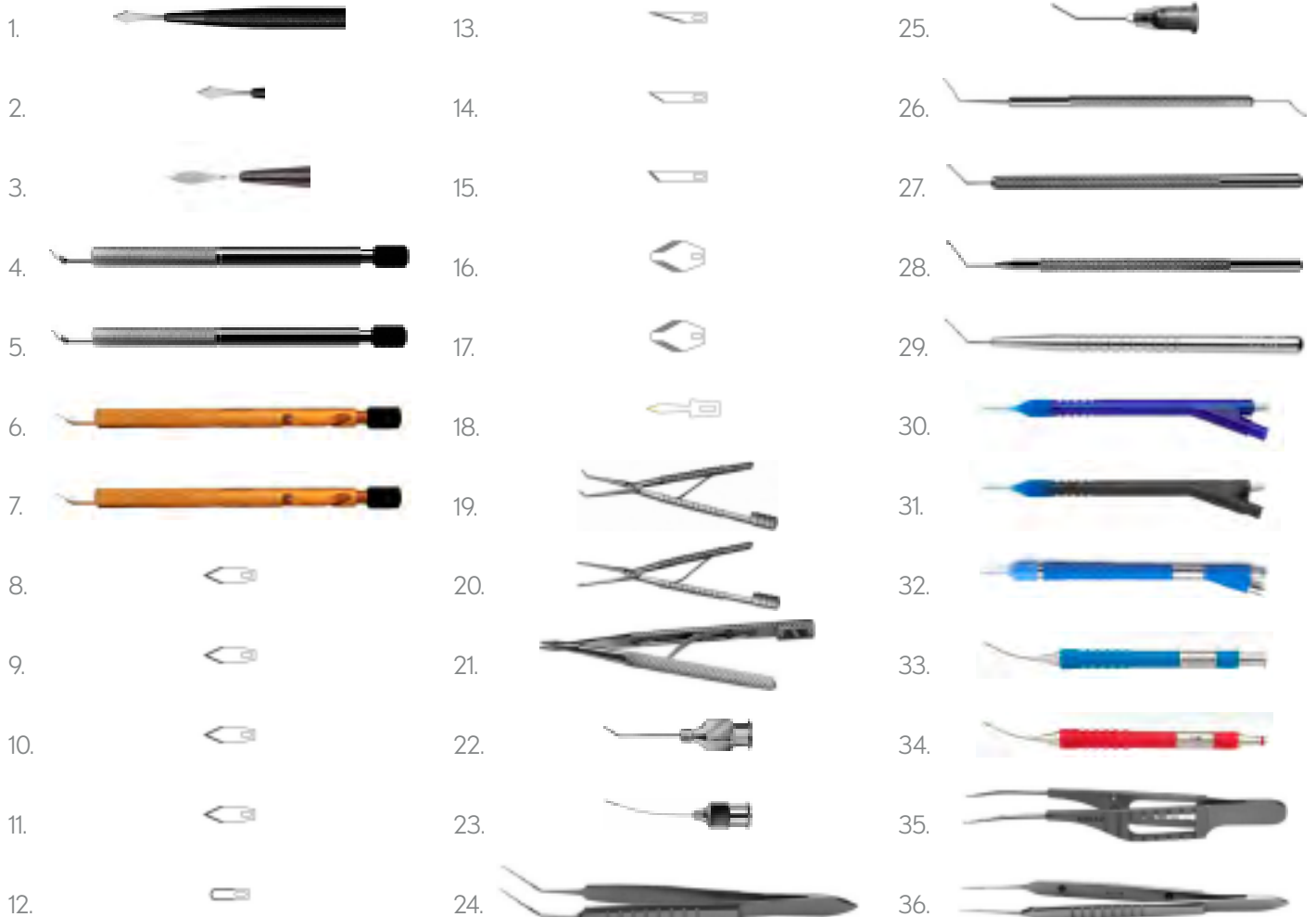
1.	<b>52121</b>	Barraquer Eye Speculum	7.	<b>E1960</b>	Schaaf Foreign Body Forceps
2.	<b>E1091</b>	Kimura Platinum Spatula	8.	<b>52051</b>	Desmarres Lid Retractor
3.	<b>E2160</b>	Cilia Forceps	9.	<b>52052</b>	Desmarres Lid Retractor
4.	<b>E4106</b>	Barraquer Eye Speculum Wire Blade	10.	<b>52053</b>	Desmarres Lid Retractor
5.	<b>E4366</b>	Ruedemann Lacrimal Dilator	11.	<b>E7406</b>	Plastic Tray, 150 x 250 mm
6.	<b>E4404</b>	Lacrimal Cannula			

# Instrument Sets by Procedure

## Phacoemulsification

SET

Standard Incision between 2.2 mm and 3.0 mm Incision size



1.	<b>E7553A</b>	Laseredge™ Phaco Slit Knife	19.	<b>72221</b>	Blade Holder - angled
2.	<b>E7550A</b>	Laseredge™ Phaco Slit Knife	20.	<b>72225</b>	Blade Holder, Straight
3.	<b>E7601</b>	Laseredge™ Clear Corneal Knife	21.	<b>E0072 S</b>	Micro Blade Holder
4.	<b>E0104 ACC2.5</b>	Clear Cornea Diamond Knife, 2.5 mm	22.	<b>E0499 30</b>	Air Injection Cannula
5.	<b>E0104 ACC3.0</b>	Clear Cornea Diamond Knife, 3 mm	23.	<b>85050-6</b>	Sautter Air Injection Cannula
6.	<b>E0130 3.2</b>	Profile Angled Diamond Keratome 3.2 mm	24.	<b>E2002 F</b>	Utrata Capsulorhexis Forceps
7.	<b>E0135 2.5</b>	PROFILE Diamond Knife, 2.5 mm	25.	<b>E7155EAN</b>	Hydrodissection Cannula
8.	<b>16145 2.5</b>	ECOCUT Keratome Blade, 2.5mm	26.	<b>E0570 N</b>	Nichamin Double Ended Spatula Chopper
9.	<b>16145 2.8</b>	ECOCUT Keratome Blade, 2.8mm	27.	<b>E0713 G</b>	Koch Stop and Chop Manipulator
10.	<b>16145 3.0</b>	ECOCUT Keratome Blade, 3.0mm	28.	<b>E0629</b>	Drysdale Nucleus Manipulator
11.	<b>16145 3.2</b>	ECOCUT Keratome Blade, 3.2mm	29.	<b>54290</b>	Dardenne Iris Hook
12.	<b>16150</b>	ECOCUT Crescent Blade	30.	<b>85910S</b>	CapsuleGuard IA® Handpiece 45°
13.	<b>16155</b>	ECOCUT Stab Incision Blade, 15°	31.	<b>85910ST</b>	CapsuleGuard IA® Handpiece 45°
14.	<b>16156</b>	ECOCUT Stab Incision Blade, 30°	32.	<b>85770</b>	SILKO I/A Handpiece, Angled 20°
15.	<b>16157</b>	ECOCUT Stab Incision Blade, 45°	33.	<b>85775</b>	Irrigation Handpiece 21GA
16.	<b>16160 3.6</b>	ECOCUT Wound Extension Blade	34.	<b>85776R</b>	Aspiration Handpiece 21GA
17.	<b>16160 4.0</b>	ECOCUT Wound Extension Blade	35.	<b>63032</b>	Colibri Type Forceps
18.	<b>16131</b>	ECOCUT Needle Blade 1.1 mm	36.	<b>63051</b>	Harms Tying Forceps Model Tuebingen

# Instrument Sets by Procedure

## Phacoemulsification

SET

Single Use Per Procedure Tray



- |                   |  |                    |                                 |
|-------------------|--|--------------------|---------------------------------|
| 1. <b>85910ST</b> | Capsule Guard™ Silicone Coated I/A Handpiece for Stellaris® System 45° | 6. <b>SUH01</b>    | Barraquer Eye Speculum          |
| 2. <b>85910S</b>  | Capsule Guard™ Silicone Coated I/A Handpiece 45°                       | 7. <b>SUE01-12</b> | Capsulorhexis Forceps           |
| 3. <b>85787ST</b> | Stellaris® System Irrigation handpiece, smooth tip, 21GA               | 8. <b>SUH04</b>    | Adjustable Lid Speculum         |
| 4. <b>85787S</b>  | Irrigation handpiece, smooth tip, 21GA                                 | 9. <b>SUE05-12</b> | Pierson Tying Forceps, straight |
| 5. <b>85780S</b>  | Aspiration handpiece, 21GA   | 10. <b>SUF03</b>   | Phaco Spatula                   |
|                   |  | 11. <b>SUF04</b>   | Drysdale Nucleus Manipulator    |
|                   |  | 12. <b>82020S</b>  | Corneal Irrigator               |

SET

MICS Incision sub 2 mm



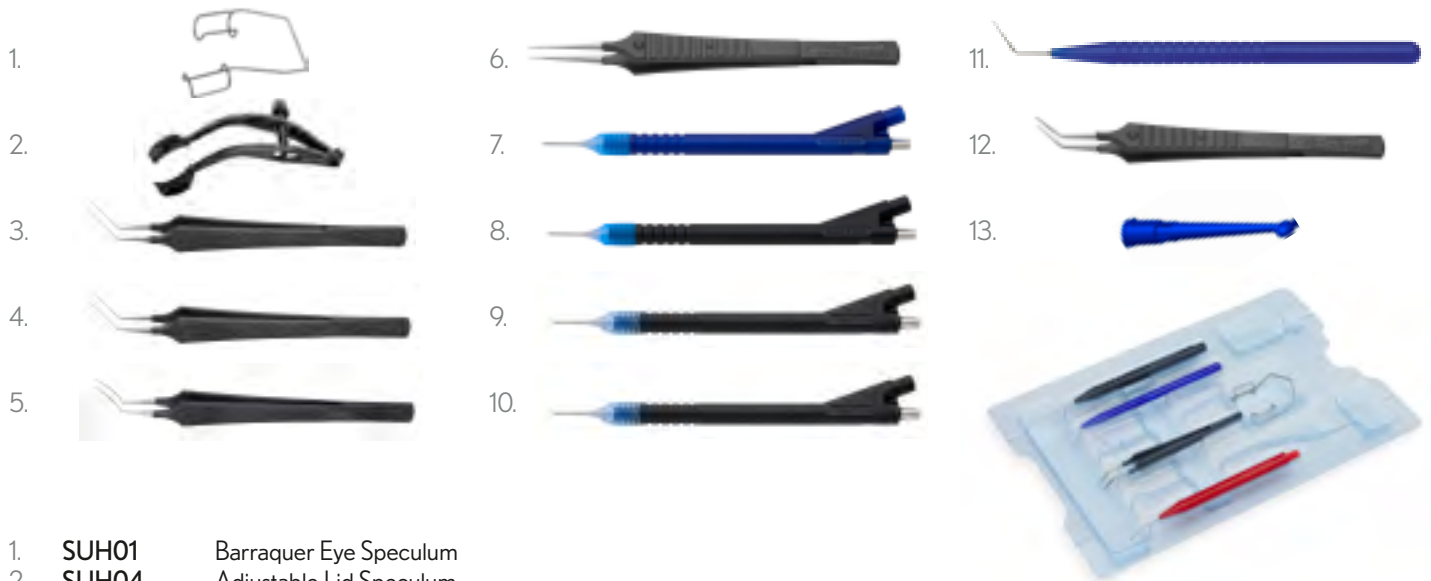
- |                    |  |                      |   |
|--------------------|--|----------------------|---|
| 1. <b>E7600</b>    | Laseredge™ Clear Corneal Knife             | 10. <b>85794ST</b>   | I/A Handpiece curved with sleeve For 1.8 C-MICS |
| 2. <b>E7599</b>    | Laseredge™ Clear Corneal Knife             | 11. <b>85795ST</b>   | I/A Handpiece 45° with sleeve For 1.8 C-MICS    |
| 3. <b>E0641</b>    | Silverstein Phaco Manipulator & Quick Chop | 12. <b>85902ST19</b> | 19GA Irrigation handpiece                       |
| 4. <b>E2002 F</b>  | Utrata Capsulorhexis Forceps               | 13. <b>85901S20</b>  | 20GA Aspiration handpiece                       |
| 5. <b>ET1088TS</b> | Capsulorhexis Forceps Micro Tip            | 14. <b>85775</b>     | Irrigation Handpiece 21GA                       |
| 6. <b>ET8190 H</b> | Capsulorhexis Forceps Handle Titanium      | 15. <b>85776R</b>    | Aspiration Handpiece 21GA                       |
| 7. <b>ED7153</b>   | Silicone Capsule Polisher 27GA             | 16. <b>63051</b>     | Harms Tying Forceps Model Tuebingen             |
| 8. <b>6-250</b>    | Sinsky II Lens Hook                        |                      |   |
| 9. <b>85915ST</b>  | MICS® CapsuleGuard IA® Handpiece 45°       |                      |   |

# Instrument Sets by Procedure

## Phacoemulsification

SET

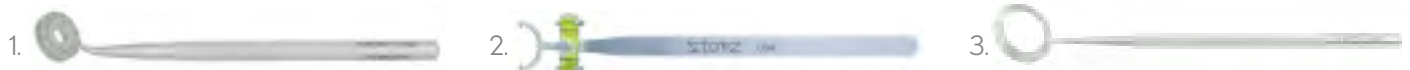
Sterile Single Use Per Procedure Tray for MICS Incision sub 2 mm



- |    |                 |   |     |                 |   |
|----|-----------------|---|-----|-----------------|---|
| 1. | <b>SUH01</b>    | Barraquer Eye Speculum  |     |                 |   |
| 2. | <b>SUH04</b>    | Adjustable Lid Speculum   |     |                 |   |
| 3. | <b>SUE06-12</b> | MICS Capsulorhexis Forceps  |     |                 |   |
| 4. | <b>SUE07-12</b> | MICS Capsulorhexis Forceps with markings  |     |                 |   |
| 5. | <b>SUE08-12</b> | MICS Capsulorhexis Forceps with curved jaws   |     |                 |   |
| 6. | <b>SUE02-12</b> | Bonn Forceps  | 9.  | <b>85915S</b>   | Capsule Guard™ Silicone Coated I/A Handpiece for MICS 45°                       |
| 7. | <b>85914S</b>   | Capsule Guard™ Silicone Coated I/A Handpiece for MICS straight                      | 10. | <b>85915ST</b>  | Capsule Guard™ Silicone Coated I/A Handpiece for MICS for Stellaris® System 45° |
| 8. | <b>85914ST</b>  | Capsule Guard™ Silicone Coated I/A Handpiece for MICS straight for Stellaris System | 11. | <b>SUF02</b>    | Sinskey Hook  |
|    |                 |   | 12. | <b>SUE04-12</b> | McPherson Tying Forceps Angled  |
|    |                 |   | 13. | <b>82020S</b>   | Corneal Irrigator   |

SET

Cornea marking for Implantation of Toric IOL



- |    |              |                           |    |              |                            |
|----|--------------|---------------------------|----|--------------|----------------------------|
| 1. | <b>E2430</b> | Whitman Axis Marker       | 3. | <b>E2433</b> | Böhnke-Mendez Degree Gauge |
| 2. | <b>E2431</b> | Storz Toric Bubble Marker |    |              |                            |

# Instrument Sets by Procedure

## Phacoemulsification

### SET Femto Cataract Instruments



- |                    |  |                  |  |
|--------------------|--|------------------|--|
| 1. <b>E2002 F</b>  | Utrata Capsulorhexis Forceps   | 5. <b>E0478</b>  | Slade Laser LRI Dissector                |
| 2. <b>E4421H27</b> | Nichamin Hydrodissection Cannula   | 6. <b>E0645</b>  | Hu Capsule Polisher                      |
| 3. <b>85910ST</b>  | Capsule Guard™ Silicone Coated I/A Handpiece 45° for Stellaris® System 45° | 7. <b>E4940</b>  | Hu Femto Hydrodissection Cannula         |
| 4. <b>SUP04ST</b>  | Stellaris® System Zero Phaco Handpiece for Femtocataract                   | 8. <b>E4929</b>  | Daya Femto Trans-Lens Hydro Cannula      |
|                    |  | 9. <b>ET2997</b> | Osher Double-Ended Femto Wound Dissector |
|                    |  | 10. <b>E0651</b> | Hu Femto Side-Port Chopper               |

## Miscellaneous

### SET Implant Removal



- |                    |                                    |                  |                           |
|--------------------|------------------------------------|------------------|---------------------------|
| 1. <b>E1961Hap</b> | Rappazzo Haptic Scissors           | 3. <b>ET1306</b> | Osher IOL Scissors angled |
| 2. <b>65530</b>    | Juenemann IOL Explantation Forceps |                  |                           |

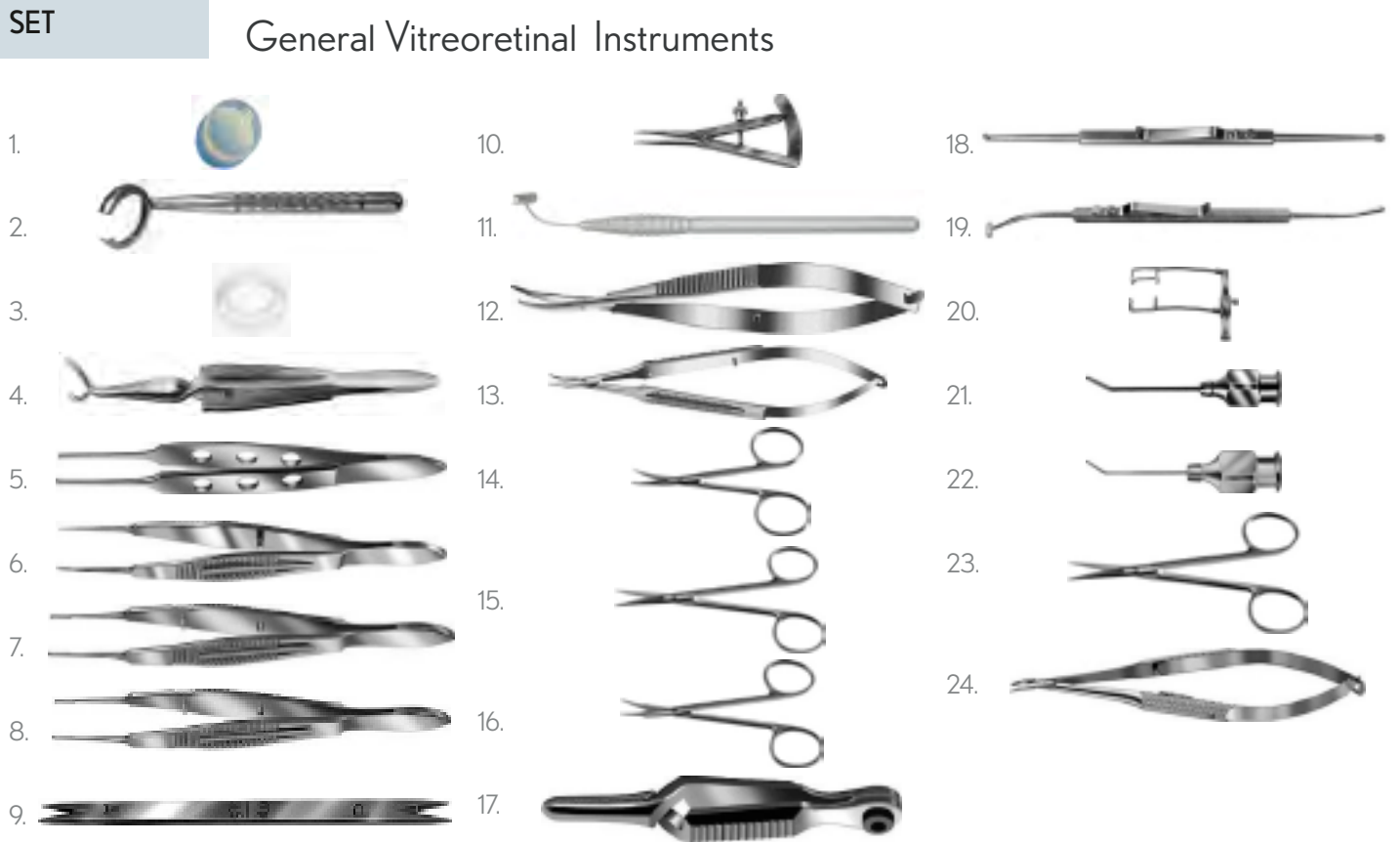
### SET Anterior Segment Repair



- |                     |                                 |                   |                                  |
|---------------------|---------------------------------|-------------------|----------------------------------|
| 1. <b>ET8306CTL</b> | Snyder AC Scissors Tip Curved   | 3. <b>ET8198H</b> | StableGrip™ Vitreoretinal Handle |
| 2. <b>ET8306STL</b> | Snyder AC Scissors Tip Straight |                   |                                  |

# Instrument Sets by Procedure

## Vitreoretinal Surgery



- |                    |   |                     |                                  |
|--------------------|---|---------------------|----------------------------------|
| 1. <b>99500</b>    | Kilp Lens                               | 13. <b>E3321</b>    | Westcott Type Stitch Scissors    |
| 2. <b>99501Y1</b>  | Clemens Lens Holder                     | 14. <b>E3405</b>    | Curved Iris Scissors             |
| 3. <b>99501</b>    | Kilp Replacement Silicone Ring For Lens | 15. <b>E3424</b>    | Straight Eye Scissors            |
| 4. <b>E1983</b>    | Landers Virectomy Lens Forceps          | 16. <b>E3562</b>    | Stevens Curved Tenotomy Scissors |
| 5. <b>E1500</b>    | Bishop-Harmon Tissue Forceps            | 17. <b>E3900</b>    | Dieffenbach Serrefine            |
| 6. <b>E1793</b>    | Castroviejo Fixation Forceps            | 18. <b>56201A</b>   | Laqua Scleral Depressor          |
| 7. <b>E1796</b>    | Castroviejo Suturing Forceps            | 19. <b>56210A</b>   | Kreissig Localizer               |
| 8. <b>E1798</b>    | Castroviejo Suturing Forceps            | 20. <b>E4094</b>    | Murdoch Eye Speculum             |
| 9. <b>E2402</b>    | Braunstein Fixed Caliper                | 21. <b>E4922</b>    | Bishop-Harmon Irrigation Cannula |
| 10. <b>E2404</b>   | Castroviejo Caliper                     | 22. <b>E0499 27</b> | Air Injection Cannula            |
| 11. <b>E2428</b>   | Awh Sutureless Sclerotomy Guide         | 23. <b>E3424</b>    | Straight Eye Scissors            |
| 12. <b>E3320 R</b> | Wetscott Curved Tenotomy Scissors       | 24. <b>E3828 CW</b> | Barraquer Needle Holder          |

# Instrument Sets by Procedure

## Vitreoretinal Surgery

SET

Sterile Single Use Vitreoretinal Instruments 20 Gauge



- |    |                 |                                   |    |              |  |
|----|-----------------|-----------------------------------|----|--------------|--|
| 1. | <b>SUH01</b>    | Barraquer Eye Speculum            | 7. | <b>SUJ08</b> | 20GA Backflush/Extrusion Handpiece for active & passive aspiration with blunt tip      |
| 2. | <b>SUH04</b>    | Adjustable Lid Speculum           | 8. | <b>SUJ09</b> | 20GA Backflush/Extrusion Handpiece for active & passive aspiration with soft tip brush |
| 3. | <b>SUE02-12</b> | Bonn Forceps                      | 9. | <b>SUJ10</b> | 20GA Backflush/Extrusion Handpiece for active & passive aspiration with soft tip       |
| 4. | <b>E7929</b>    | Bipolar Eraser 20GA lermo tapered |    |              |  |
| 5. | <b>SUI09-12</b> | 20GA Endgripping ILM Forceps      |    |              |  |
| 6. | <b>SUI10-12</b> | 20GA Serrated Forceps             |    |              |  |

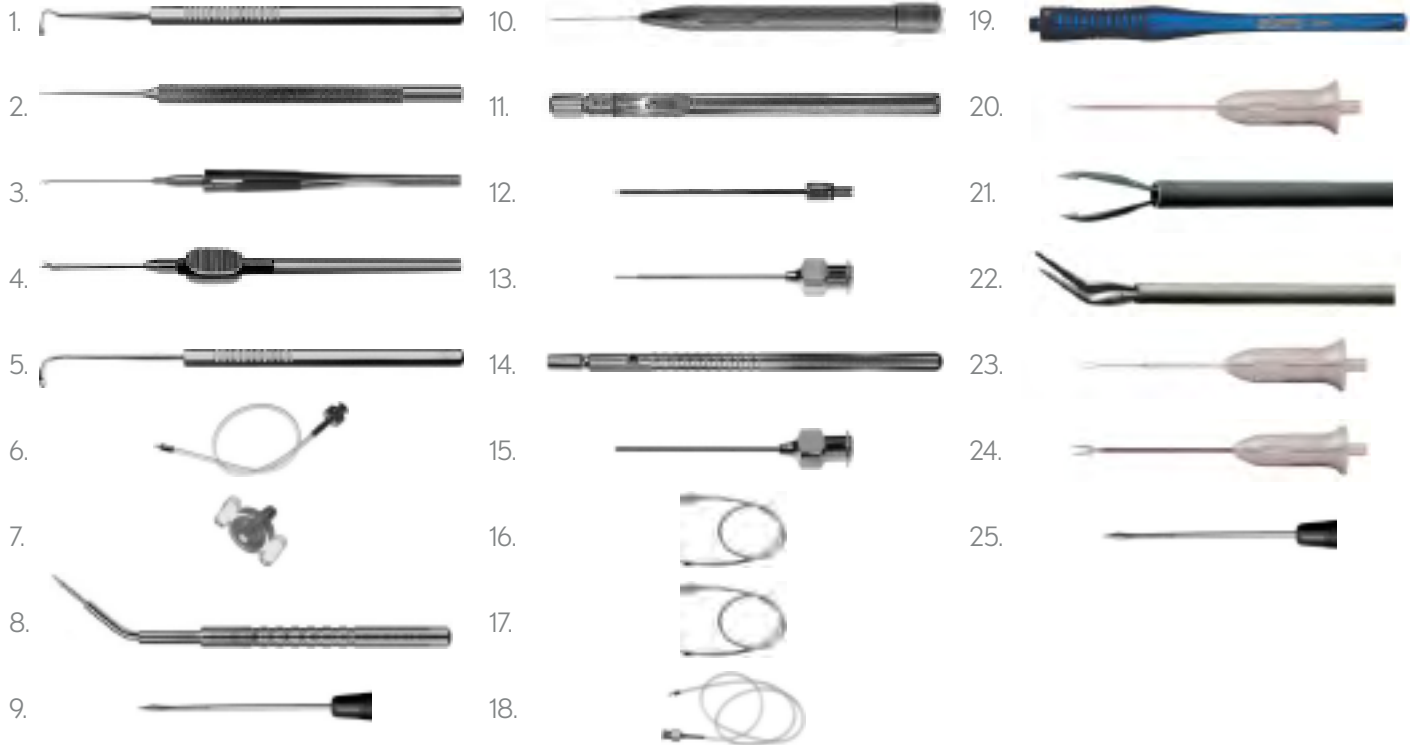


# Instrument Sets by Procedure

## Vitreoretinal Surgery

SET

Vitreoretinal Instruments 20 Gauge



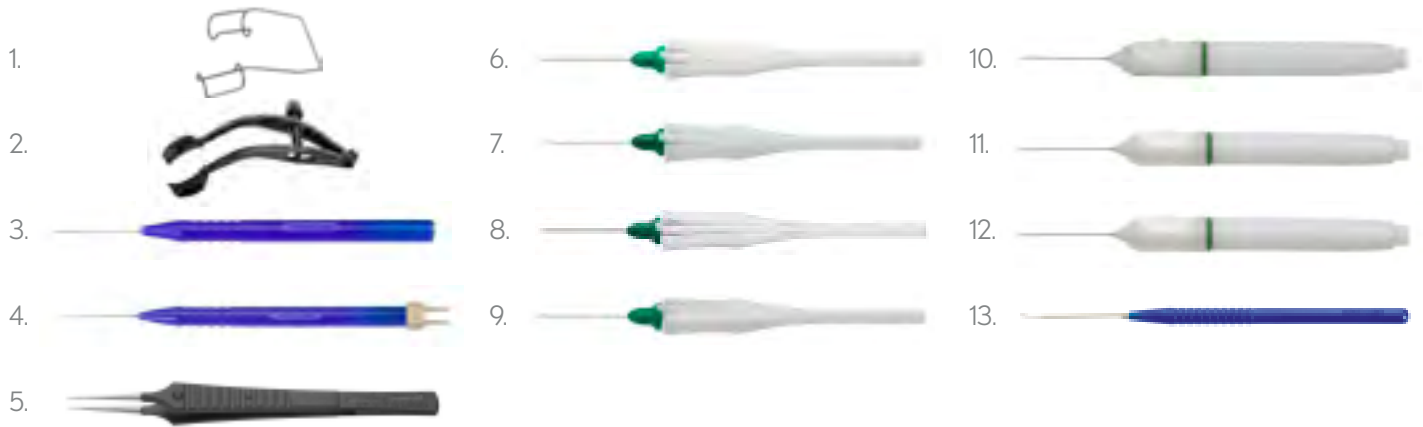
- |                    |   |                      |   |
|--------------------|---|----------------------|---|
| 1. <b>E0586 S</b>  | Jameson Muscle Hook                       | 14. <b>85190</b>     | Backflush Handpiece                                 |
| 2. <b>E0608</b>    | Olk Retinal Pick                          | 15. <b>85201</b>     | Aspirating Cannula                                  |
| 3. <b>E1961</b>    | Rappazzo Intraocular Foreign Body Forceps | 16. <b>MVS 1031</b>  | Infusion Cannula, 2.5 mm                            |
| 4. <b>E3391</b>    | Intraocular Scissors                      | 17. <b>MVS 1035</b>  | Infusion Cannula, 6 mm                              |
| 5. <b>E4991</b>    | Gass Retinal Detachment Hook              | 18. <b>86011</b>     | Infusion Cannula, 4 mm, Steel Adapter               |
| 6. <b>E5002</b>    | Viscous Fluid Injection Cannula, 4 mm     | 19. <b>ET8198H</b>   | StableGrip™ Vitreoretinal Handle                    |
| 7. <b>E5005</b>    | Scleral Pilot Tube                        | 20. <b>ET8200 TL</b> | Pic Forceps Tip low glare titanium                  |
| 8. <b>E5006</b>    | Scleral Pilot Tube Trocar                 | 21. <b>ET8202 TL</b> | End Gripping Forceps Tip low glare titanium         |
| 9. <b>E7520</b>    | Laseredge™ MVR Knife                      | 22. <b>ET8210 TL</b> | Thomas Subretinal Forceps<br>Tip low glare titanium |
| 10. <b>D8203</b>   | Intraocular Diathermy Probe               | 23. <b>ET8211 TL</b> | Membrane Forceps Tip low glare titanium             |
| 11. <b>85301Y1</b> | Backflush Handpiece, Model Essen          | 24. <b>ET8212 TL</b> | 20GA Endgripping Forceps Tip                        |
| 12. <b>85302Y2</b> | Disposable Backflush Cannula Tip          | 25. <b>E7520</b>     | Laseredge™ MVR Knife                                |
| 13. <b>85201Y1</b> | Heimann Aspirating Cannula                |                      |   |

# Instrument Sets by Procedure

## Vitreoretinal Surgery

SET

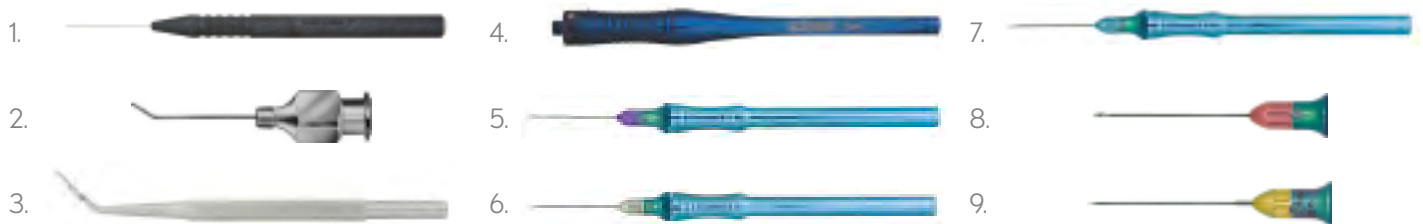
### Sterile Single Use Vitreoretinal Instruments 23 Gauge



- |                    |                                  |                    |  |
|--------------------|----------------------------------|--------------------|--|
| 1. <b>SUH01</b>    | Barraquer Eye Speculum           | 9. <b>SUI11-12</b> | 23GA Serrated Forceps  |
| 2. <b>SUH04</b>    | Adjustable Lid Speculum          | 10. <b>SUJ11</b>   | 23GA Backflush/Extrusion Handpiece for active & passive aspiration with blunt tip      |
| 3. <b>E7930</b>    | Bipolar Eraser 23GA lemo tapered | 11. <b>SUJ12</b>   | 23GA Backflush/Extrusion Handpiece for active & passive aspiration with soft tip brush |
| 4. <b>E7931</b>    | Bipolar Eraser 23GA 2pin tapered | 12. <b>SUJ13</b>   | 23GA Backflush/Extrusion Handpiece for active & passive aspiration with soft tip       |
| 5. <b>SUE02-12</b> | Bonn Forceps                     | 13. <b>SUK01</b>   | 23GA Membrane Pick 130°  |
| 6. <b>65023S</b>   | 23GA Endgripping Forceps         |                    |  |

SET

### Vitreoretinal Instruments 23 Gauge



- |                    |   |                  |  |
|--------------------|---|------------------|--|
| 1. <b>E7920</b>    | Bipolar Eraser 25GA tapered                       | 6. <b>ET8310</b> | 23 Gauge StableGrip™ ILM Forceps         |
| 2. <b>E0499 27</b> | Air Injection Cannula                             | 7. <b>ET8312</b> | 23 Gauge StableGrip™ Endgripping Forceps |
| 3. <b>E2424</b>    | Josephberg Hilton Stabilizing Plate               | 8. <b>ET8316</b> | 23 Gauge StableGrip™ Curved Scissors     |
| 4. <b>ET8198H</b>  | StableGrip™ Vitreoretinal Handle                  | 9. <b>ET8315</b> | 23 Gauge StableGrip™ Vertical Scissors   |
| 5. <b>ET8309</b>   | 23 Gauge StableGrip™ Asymmetrical Peeling Forceps |                  |  |

# Instrument Sets by Procedure

## Vitreoretinal Surgery

SET

### Sterile Single Use Vitreoretinal Instruments 25 Gauge



- |                     |                                  |                    |   |
|---------------------|----------------------------------|--------------------|---|
| 1. <b>SUH01</b>     | Barraquer Eye Speculum           | 7. <b>SUI05-12</b> | 25GA Asymmetric Peeling Forceps   |
| 2. <b>SUH04</b>     | Adjustable Lid Speculum          | 8. <b>SUI08-12</b> | 25GA Endgripping ILM Forceps  |
| 3. <b>E7926</b>     | Bipolar Eraser 25GA lemo tapered | 9. <b>SUI12-12</b> | 25GA Serrated Forceps   |
| 4. <b>E7927</b>     | Bipolar Eraser 25GA lemo blunt   | 10. <b>SUJ14</b>   | 25GA Backflush/Extrusion Handpiece for active & passive aspiration with blunt tip |
| 5. <b>SUE02-12</b>  | Bonn Forceps                     | 11. <b>SUK02</b>   | 25GA Membrane Pick 130°   |
| 6. <b>65025S-12</b> | 25GA Endgripping Forceps         |                    |   |

SET

### Vitreoretinal Instruments 25 Gauge



- |                    |  |                   |   |
|--------------------|--|-------------------|---|
| 1. <b>E2424</b>    | Josephberg Hilton Stabilizing Plate      | 8. <b>ET8508</b>  | 25 Gauge StableGrip™ Micro Pic Forceps            |
| 2. <b>E7525</b>    | Laseredge™ TSV25 MVR Knife               | 9. <b>ET8509</b>  | 25 Gauge StableGrip™ Asymmetrical Peeling Forceps |
| 3. <b>E7920</b>    | Bipolar Eraser 25GA tapered              | 10. <b>ET8512</b> | 25 Gauge StableGrip™ Endgripping Forceps          |
| 4. <b>85301Y1</b>  | Backflush Handpiece, Model Essen         | 11. <b>ET8514</b> | 25 Gauge StableGrip™ Micro Forceps                |
| 5. <b>E4802 25</b> | Cannula Tip For Backflush Handpiece      | 12. <b>ET8515</b> | 25 Gauge StableGrip™ Vertical Scissors            |
| 6. <b>85304</b>    | Cannula backflush 25GA                   | 13. <b>ET8516</b> | 25 Gauge StableGrip™ Curved Scissors              |
| 7. <b>ET8198H</b>  | ET8198H StableGrip™ Vitreoretinal Handle |                   |   |



# Index

Alphabetical .....	278
Catalogue/Number .....	284

## Alphabetical

Adjustable Eye Speculum, sterile	235	Bechert Nucleus Rotator	157
Aebli Corneal Scissors	205	Bechert-Sinsky Needle Holder	173
Air Injection Cannula	22	Beer Cilia Forceps	75
Air Injection Cannula Mod. Tuebingen	22	Belz Lacrimal Sac Rongeur	251
Alfonso Eye Speculum, Newborn	240	Benger Probe Hook	151
Anderson-Barrett Manipulator	155	Benger Probe Set	187
Anderson Diamond Knife	137	Berke-Jaeger Lid Plate	195
Anel Lacrimal Cannula	43	Berke Ptoisis Forceps	86, 87
Angled Capsule Scissors	200	Binkhorst Hooked Irrigation Cannula, left	38
Angled Eye Scissors	210	Binkhorst Hooked Irrigation Cannula, right	38
Angled Tunnel Blade Diamond Knife, 45°	134	Bipolar Coaptation Forceps	54
Anterior Chamber Cannula	27	Bipolar Eraser	53
Anterior Chamber Needle 20GA Angled Tip	25	Bipolar Eraser, 20GA, lemo tapered	52
Anterior Chamber Needle 23GA Angled Tip	25	Bipolar Eraser, 23GA, 2pin tapered	53
Anterior Chamber Needle 25GA Angled Tip	25	Bipolar Eraser, 23GA, lemo tapered	53
Anterior Chamber Needle 27GA Angled Tip	25, 26	Bipolar Eraser, 25GA, 2pin blunt	52
Anterior Chamber Needle 30GA Angled Tip	26	Bipolar Eraser, 25GA, 2pin tapered	52
Arruga Needle Holder	170	Bipolar Eraser, 25GA, lemo blunt	52
Arruga Retractor	195	Bipolar Eraser, 25GA, lemo tapered	52
Aspirating Cannula	56	Bipolar Eraser, 25GA, tapered	52
Aspirating Handpiece, 23GA	116	Bipolar Scleral Eraser	53
Aspiration Handpiece	114	Bishop-Harmon Curved Tissue Forceps	103
Aspiration Handpiece, 19GA	114, 116	Bishop-Harmon Dressing Forceps	103
Aspiration Handpiece, 20GA	114, 116	Bishop-Harmon Irrigation Cannula	27
Aspiration Handpiece, 21GA	115, 116	Bishop-Harmon Tissue Forceps	103
Aspiration Handpiece, 22GA	115	Bishop Tendon Tuckers	89
Aspiration Handpiece, 23GA	115	Blade Holder - angled	12
Aspiration specula tubing extension	232	Blade Holder, Straight	12
Aspiration Tubing For Speculum Tubing only For E4067 speculum	232	Blumenthal Anterior Chamber Maintainer	27
Asymmetric Peeling Forceps, 23GA	95	Boehne-Mendez Domed Degree Marker	19
Asymmetric Peeling Forceps, 25GA	95	Böhne Donor Cornea Holder	250
Atkinson Retrobulbar Needle	24, 25	Bonaccolto Utility Forceps	88
A. W. Brown Nucleus Cracker Forceps	80	Bonn Eye Scissors	209
Awh Sutureless Sclerotomy Guide	50	Bonn Forceps	83
Axenfeld Lacrimal Sac Retractor	192	Bonn Suturing Forceps	100, 101
Axis Marker	48	Bowman Stainless Probe - 0000 and 000	187
Backflush Cannula, 25 Gauge	57	Bowman Stainless Probe - 3 and 4	187
Backflush/Extrusion Handpiece, 20GA for active & passive aspiration with blunt tip	57	Bracken Ant. Chamber Irrigation Cannula	27
Backflush/Extrusion Handpiece, 20GA for active & passive aspiration with soft tip	57	Bracken Iris Forceps	86
Backflush/Extrusion Handpiece, 20GA for active & passive aspiration with soft tip brush	57	Braga-Mele Irrigating Chopper SideOut, 20GA	127
Backflush/Extrusion Handpiece, 23GA for active & passive aspiration with blunt tip	57	Braga-Mele Quick-Chopper	159
Backflush/Extrusion Handpiece, 23GA for active & passive aspiration with soft tip	58	Braunstein Fixed Caliper	18
Backflush/Extrusion Handpiece, 23GA for active & passive aspiration with soft tip brush	58	Brauweiler Aspiration Cannula	28
Backflush/Extrusion Handpiece, 25GA for active & passive aspiration with blunt tip	58	Brauweiler Irrigation Cannula	39
Backflush Handpiece	56	Brightbill Corneal Cutting Block	250
Backflush Handpiece, Model Essen	56	Brody Multipurpose Manipulator	157
Bailey Lacrimal Cannula	45	Brown Tri-facet Diamond Knife	137
Baird Chalazion Forceps	75	Bulb Rings	66
Band for Oculo-Pressor	184	Bunge Enucleation Spoon	243
Bangerter Eye Speculum	235	Buratto Insertion Forceps - Angled	85
Bangerter Iris Spatula	225	Cannula Backflush, 25GA	56
Bangerter Muscle Clamp	88	Cannula LASIK side & central port	38
Bangerter Probe Cannula	42	Cannula, Probe Point, Mod. Hamburg	29
Barett Mini Aspirator	31	Cannula Protector	246
Barraquer Blade Breaker and Holder	12	CapsuleGuard IA® Handpiece, 45°	1200
Barraquer Cilia Forceps	76	CapsuleGuard IA® Handpiece, curved	121
Barraquer Cyclodialysis Spatula	230	CapsuleGuard IA® Handpiece, straight	120, 121
Barraquer Eye Speculum	238, 239	Capsule Spatula	222
Barraquer Eye Speculum Adult Heavy Wire	238	Capsulorhexis Forceps	70, 73
Barraquer Eye Speculum, Pediatric	240	Capsulorhexis Forceps Handle Titanium	73
Barraquer Eye Speculum, sterile	238	Capsulorhexis Forceps Micro Tip	72
Barraquer Iris Scissors	208	Capsulorhexis Forceps with markings	74
Barraquer Iris Spatula	227	Carlson DSEK Graft Forceps	78
Barraquer Lid Speculum	239	Carlson DSEK Smoother	150
Barraquer Needle Holder	171, 173 - 175	Carter Sphere Introducer and Holder	180
Barraquer-Osterhuis Eye Speculum	239	Castroviejo Angled Corneal Scissors	203
Barraquer Pediatric Speculum	240	Castroviejo Caliper	18
Barraquer Temporal Approach Lid Speculum	239	Castroviejo Capsule Forceps	70
Barraquer Tying Forceps	106	Castroviejo Corneal Scissors	203
Barrett Hydrodelineation Cannula	34	Castroviejo Corneal Scissors, Left	202
Barrett Micro Mushroom Manipulator	157	Castroviejo Corneal Scissors, Right	202
Barsewisch Anterior Chamber Forceps	98	Castroviejo Corneal Section Scissors	204, 205
Base Plug For Punch in Sets E3097	251	Castroviejo Curved Corneal Scissors	200, 202
Bechert-McPherson Tying Forceps	109	Castroviejo Dissector	138
Bechert Nucleus Rotator	155	Castroviejo Double Ended Spatula	226

## Alphabetical

Castroviejo Double-Ended Spatula	230	Dardenne Iris Hook	150
Castroviejo Fixation Forceps	82	Daya Femto Incision Separator	223
Castroviejo Keratoplasty Scissors	203	Daya Femto Trans-Lens Hydro Cannula	35
Castroviejo Keratoplasty-Utility-Stitch Scissors	205	DeDecker Muscle Forceps	89
Castroviejo Lacrimal Dilator	188	Derf Needle Holder	176
Castroviejo Marking Caliper	18	Desmarres Chalazion Forceps	74
Castroviejo Mini Corneal Scissors	202	Desmarres Lid Retractor	193, 194
Castroviejo Needle Holder	170, 175, 176	Devers-Terry Dissector Curved	224
Castroviejo Spatula	225	Devers-Terry Dissector Straight	224
Castroviejo Speculum	236	Devgan Micro Capsulorhexis Forceps	73
Castroviejo Suture Forceps	101	Devgan-Seibel Fixation Ring	68
Castroviejo Suturing Forceps	97 - 99	Devgan Universal Cataract Chopper	160
Castroviejo Suturing Forceps	100	DeWecker Iris Scissors	208
Charleux Irrigating Cannula	39	Diamond Knife Sterilising Tray	246
Charleux Irrigation/Aspiration Cannula	40	Dieffenbach Serrefine	105
Charlie Forpces II	79	Disposable Backflush Cannula Tip	56
Chee Femto Lens Dissection Cannula	35	Disposable Trephine Blade	254 - 258
Cilia Forceps	76	Doden Implant Forceps	84
Cindy Sweeper For DSEK	224	Double Fixation Hook	150
Clayman Guide	153	Double Layer Microsurgical Instrument	246
Clayman Spatula	226	Draeger Conjunctiva Forceps	76
Clayman-Vannas Curved Scissors	209	Dressing Forceps	102, 104
Clayman-Vannas Straight Scissors	210	Drysdale Nucleus Manipulator	157
Clayman-Westcott Curved Scissors	209	Drysdale type Nucleus Manipulator	156
Cleaning Adapter	10	ECOCUT Crescent Blade	13
Clear Cornea Diamond Knife, 1.8 mm	135	ECOCUT Keratome Blade, 2.5 mm	13
Clear Cornea Diamond Knife, 2.2 mm	135	ECOCUT Keratome Blade, 2.8 mm	13
Clear Cornea Diamond Knife, 2.5/2.9 mm	135	ECOCUT Keratome Blade, 3.0 mm	13
Clear Cornea Diamond Knife, 2.5 mm	135	ECOCUT Keratome Blade, 3.2 mm	13
Clear Cornea Diamond Knife, 2.8/3.1 mm	136	ECOCUT Needle Blade, 1.1 mm	13
Clear Cornea Diamond Knife, 2.8 mm	136	ECOCUT Sclerotomy Blade, 14 mm	13
Clear Cornea Diamond Knife, 3 mm	136	ECOCUT Stab Incision Blade, 15°	14
Cleasby Iris Spatula	227	Economy Diamond Knife, 45°	134
Clemens Lens Holder	260	Economy Trifacet Diamond Knife	135
Cohan Needle Holder	174	Ellis Foreign Body Spud	138
Cohan-Vannas Curved Iris Scissors	208	Elschnig Fixation Forceps	81
Colibri Forceps	77	Elschnig Scleral Forceps	80
Colibri Forceps 0.12	80	Endgripping Forceps, 23GA	95
Colibri Forceps, Fine	83	Endgripping Forceps, 25GA	95
Colibri Forceps Long	78	Endgripping Forceps Tip, 20GA	92
Colibri Type Forceps	77	End Gripping Forceps Tip low glare titanium	92
Combined instrument trephine /alcohol cone	250	Endgripping ILM Forceps, 20GA	95
Cone Alcohol LASEK, 8.5 mm	48	Endgripping ILM Forceps, 23GA	96
Cone Alcohol LASEK, 9.5 mm	48	Endgripping ILM Forceps, 25GA	96
Conner Anesthesia Cannula	25	Engels Capsule Polisher	28
Conway Lid Retractor	194	Engels Infusion Cannula	39
Cook Eye Speculum	234, 235	Enzyme Cannula	39
Corneal Colibri Forceps	104	Erickson-Lee Pigtail Cannula CCW	44
Corneal Crouch Protector	63	Erickson-Lee Pigtail Cannula CW	44
Corneal Crouch Protector, Pediatric	63	Erickson-Lee Ptoisis Clamp	87
Corneal flap Forceps LASIK	77	ET8198H StableGrip™ Vitreoretinal Handle	91
Cornea Light Shield, black	63	Extra Weight 5.5 g	248
Corneal Irrigator	39	Extra Weight 7.5 g	248
Corneal Marker LASIK, 8.5 mm	48	Extra Weight 10.0 g	248
Corneal Marker LASIK Kohnen	48	Extrusion Handpiece	58
Corneal Markers, 8.5 mm and 9.0 mm	50	Eye Scissors	209
Cornea Silicone Light Shield	62	Eye Scissors, Angled	209
Cottingham Punch with Universal Handle	251	Eye Scissors, curved	209
Culler Rectus Muscle Hook	163	Eye Speculum with Aspiration, sterile	235
Curved Dressing Forceps	103	Fasanella Lacrimal Cannula	45
Curved Enucleation Scissors	206	Fenzl Lens Insertion Hook	154
Curved Eye Scissors	210	Fine-Castroviejo Suturing Forceps	99 - 100
Curved Iris Scissors	207, 208	Fine Corneal Carrying Case	250
Curved Needle Holder	171, 172	Fine Curved Needle Holder	172
Curved Stitch Scissors	214	Fine Straight Stitch Scissors	214
Curved Strabismus Scissors	213	Fine-Thornton Fixation Ring	68
Cyclodialysis Cannula	31	Fink Marker	50
Cystotome Formed, 23GA	32	Fish Aspirating Cannula	28
Cystotome Formed, 25GA	32	Flap Lifter LASIK Kohnen	227
Cystotome Formed Angled Tip, 25GA	32	Flexible Iris Retractors	192
Cystotome Formed Straight, 23GA	32	Flieringa Fixation Ring	66, 67
Cystotome Short Formed, 25GA	32	Floyd-Barraquer Eye Speculum	240
Cystotome Short Formed, 27GA	33	Flynn Scleral Depressor	219
Cystotome Straight, 23GA	32	Fogla 27GA Air Injection Cannula	23
Dankner Panariello Cortex Cannula	31	Fogla Air Injection Cannula 25 Gauge	22

## Alphabetical

Fogla Pointed Dissector	138	Implant Forceps f. Foldable IOL	84
Fogla Scissors, Left	202	Implant Removal Forceps	85
Fogla Scissors, Right	202	Incision Gauge Set	17
Fogla Trifacet Spatula	223	Infusion Cannula, 2.5 mm	37
Forceps Alabama University	88	Infusion Cannula, 4 mm, Steel Adapter	36
Forceps Folding Akreos	84	Infusion Cannula, 6 mm	37
Forceps For Scleral Plugs	97	Intraocular Diathermy Probe	52
Foreign Body Spud	138	Intraocular Scissors	206
Francis Chalazion Forceps	75	IOL Grasping Forceps	83
Gass Retinal Detachment Hook	160	IOL Loading Forceps	83
Gauge 16 mm for orbita implant	16, 180	Iris Forceps, Bonn-Conrads	86
Gauge 18 mm for orbita implant	16, 180	Iris Forceps, Mod. Bonn	85, 86
Gauge 20 mm for orbita implant	16, 180	Iris Forceps, Mod. Bonn-Ulm	86
Gauge 22 mm for orbita implant	16, 180	Iris Hook and Nucleus Chopper Double Ended	152
Gill Curved Iris Forceps	86	Iris Hook, Model Bonn	151
Gills-Welsh Cortex Extractor Cannula	31	Iris Retractor With Flexible Fixing	192
Gills-Welsh Olive Tip Cannula	30	Irrigating Cannula Handpiece	40
Gills-Welsh Smith Capsule Forceps	70	Irrigating Chopper, 19GA	126
Gills-Welsh Vannas Micro Scissors	199	Irrigating Divider, 19GA	126
Gimbel Capsulorhexis Forceps	71	Irrigating Handpiece, 21GA	130
Girard Corneoscleral Colibri Forceps	78	Irrigation-Aspiration Tip, 45°	125
Girard Fine Tying Forceps	110	Irrigation-Aspiration Tip, Curved	124, 125
Gradle Cilia Forceps	76	Irrigation-Aspiration Tip, Sleeve, Curved	123
Graefe Fixation Forceps	81	Irrigation-Aspiration Tip, Sleeve, Straight, 45°	124
Graefe Strabismus Hook	163, 164	Irrigation-Aspiration Tip, Straight	124, 125
Graether Collar Button	151	Irrigation-Aspiration Tip, Straight, 45°	124, 125
Graether Collar Button Cannula	29	Irrigation-Aspiration Tip, Straight, 90°	125
Grayson Biaxial Combo Manipulator	154	Irrigation-Aspiration Tip, Straight, „U“ Tip	125
Green Fixation Forceps	81	Irrigation Cannula Mod. Bonn	38
Green Muscle Hook	163	Irrigation Handpiece	128
Greite Soft Lens Manipulator	156	Irrigation Handpiece, 19GA	127, 129, 130
Gulani Refractive Marker	48	Irrigation Handpiece, 20GA	127, 130
Guthoff Orbital Implant 16 mm	181	Irrigation Handpiece, 21GA	127, 128
Guthoff Orbital Implant 18 mm	181	Irrigation Handpiece, 22GA	128, 129
Guthoff Orbital Implant 20 mm	181	Irrigation Handpiece, 23GA	129
Guthoff Orbital Implant 22 mm	181	Jackson Lacrimal Intubation Set	45
Haefliger Phaco Cleaver	158	Jacobi Reposition Hook	152
Halstead Curved Hemostatic Forceps	90, 91	Jaeger Lid Plate	195
Halstead Straight Hemostatic Forceps	90	Jaffe Lid Retractor	194
Hampton Needle Holder	173	Jameson Caliper	19
Harms-Corneal Utility Colibri Forceps	104	Jameson Muscle Forceps	89
Harms Trabeculotome	187	Jameson Muscle Forceps-Child Size	89
Harms Trabeculotome Set	187	Jameson Muscle Hook	163
Harms-Tuebingen Tying Forceps	110	Jensen Capsule Polisher Cannula	29
Harms Tying Forceps Model Tuebingen	106	Jewelers Type Forceps	87
Hartman Curved Hemostatic Forceps	90	Jeweler Type Bipolar Forceps	53
Hartman Straight Hemostatic Forceps	90	Jewelewicz Rosen Chopper	160
Heath Chalazion Forceps	75	Johnson Lacrimal Probe	44
Heimann Aspirating Cannula	56	Johnson Spatula	229
Henry Cilia Forceps	76	Josephberg Hilton Stabilizing Plate	66
Hermeking Spatula	228	Juenemann IOL Explantation Forceps	85
Hirschmann Iris Hook	151	Kalt Needle Holder	170
Hoe Epithelium LAASEK	227	Kammann Capsule Polisher	29
Hosford Lacrimal Dilator	188	Kansas Corneal Colibri Forceps	79
Hu Capsule Polisher	222	Kansas Nuclear Fragment Forceps	70
Hu Femto Hydrodissection Cannula	36	Katzin-Barraquer Corneal Forceps	78
Hu Femto Incision Spreader	78	Katzin Corneal Transplant Scissors	201, 203
Hu Femto Side-Port Chopper	159	Kellan Hydrodissection Cannula	34
Hunt Chalazion Forceps	75	Kelly Decemet Membrane Punch	251
Hydrodissection Cannula	34	Kelman-McPerson Forceps	100
Hydrodissection Cannula, 25GA	33	Kelman-McPherson Tying Forceps	106, 109
Hydrodissection Cannula, 27GA	33, 34	Kennerdell Bayonet Forceps	88
Hydrodissection Cannula, J Shaped, 25GA	33	Keratome, Model Hamburg	132
Hydrodissection Cannula, J Shaped, 27GA	33	Khan-Jaeger Lid Plate	195
I/A Handle for Changeable Tips	124	Khan Scleral Shield	63
I/A Handpiece, 45°, 17GA	119	Kilp Lens	260
I/A Handpiece 45° with sleeve for 1.8 C-MICS	120	Kilp Replacement Silicone Ring for Lens	260
I/A Handpiece curved, 17GA	118	Kimura Platinum Spatula	229
I/A Handpiece curved with sleeve for 1.8 C-MICS	119	Klar Lid Everter	194
I/A Handpiece straight, 17GA	118	Klein Eye Shield	62
I/A Handpiece straight with sleeve	119	Knapp Curved Strabismus Scissors	213
I/A Handpiece tip, 45°, 17GA	119	Knapp Eye Speculum	236
I/A Handpiece tip, 90°, 16GA	119	Knapp Straight Strabismus Scissors	213
I/A Handpiece tip, 90°, 16GA	119	Knolle Anterior Chamber Cannula	27
Illig Symblepharon Ring	166 - 168	Knolle-Pearce Irrigating Lens Loop	41



## Alphabetical

Koch Phaco Spatula	229	Lester Fixation Forceps	81, 83
Koch Stop and Chop Manipulator	157	Lester Lens Manipulator	156, 158
Koch Stop & Chop Manipulator	154, 155	Lewis Lens Loop	148
Kohnen-Koch II LASIK combined instrument	228	Lieberman Suturing Forceps	101
Kohnen-Koch I LASIK combined instrument	228	Lieberman Wire Speculum	237, 238
Kratz-Barraquer Eye Speculum	238	Light Curved Dressing Forceps	103
Kratz-Barraquer Eye Speculum, Pediatric	240	Lindstrom Aspirating Speculum	237
Kratz Capsule Polisher	28	Lindstrom Interface Cannula	40
Kratz Capsule Polisher sandblasted	28	Littler Curved Dissecting Scissors	210
Kratz-Nichamin Speculum	239	Lucke Infusion Cannula	36
Kratz Scraper Cannula, Sandblasted	29	Lucke Scleral Depressor	218
Kreissig Localizer	218	Lucke Viscous Fluid Injection Cannula	36
Kuglen Push-Pull Lens Hook	153	Lund Iris Hook	151
Kuhnt Corneal Scarifier	139	MacGregor Fixation Forceps	82
Kuhnt Corneal Scarifier	139	Machet Forceps	104
Lacrimal Cannula	42 - 44	Mackool-Bechert Nucleus Rotator	158
Lacrimal Cannula, 19/23GA	42	MacRae LASIK Flap Spatula	228
Lacrimal Cannula, 25GA	42	Male To Male Cannula Adapter	10
Lacrimal Cannula, Model Bonn	43	Maloney Capsulorhexis Forceps	73
Lacrimal Cannula, Model Marburg	43	Maloney Keratometer	19
Lacrimal Dilator	186	Maloney No-Hole Manipulator	156
Lacrimal Dilator, Model Giessen	186	Maloney Quick-Chop Manipulator	155
Lambert Chalazion Forceps	75	Manometer with Bulb for Oculo-Pressor	184
Lancaster Eye Speculum	236	Manson Double Ended Strabismus Hook	164
Landers Viectomy Lens Forceps	260	Martinez Corneal Dissector Knife	140
Lane 25GA LASIK Cannula	40	Maumenee-Barraquer Vitreous Spatula	230
Laqua Scleral Depressor	218	McCullough Bipolar Forceps	54
Laseredge™ Clear Corneal Guarded Knife, 2.85 mm	133	McIntyre Anterior Chamber Cannula	26
Laseredge™ Clear Corneal Knife, 1.3 mm	132	McIntyre Asp. or Irr. Handpiece	126
Laseredge™ Clear Corneal Knife, 1.6 mm	132	McNeil Goldman Scleral and Blepharostat Ring	66
Laseredge™ Clear Corneal Knife, 2.75 mm	132	McPherson Bipolar Forceps	54
Laseredge™ Clear Corneal Knife, 2.85 mm	132	McPherson-Castroviejo Miniature Corneal Section Scissors Left	204
Laseredge™ Clear Corneal Knife, 3.0 mm	133	McPherson Needle Holder	174
Laseredge™ Clear Corneal Knife, 3.2 mm	133	McPherson Suturing Corneal Forceps	100, 101
Laseredge™ Clear Corneal Knife, parallel side	140	McPherson Tying Forceps	107 - 109, 111
Laseredge™ Crescent Blade Guarded Knife	133	McPherson-Vannas Curved Iris Scissors	207
Laseredge™ Crescent Blade Knife	133	Mellinger/Beard Eye Speculum	234
Laseredge™ Implant Knife	139	Mellinger Eye Speculum	233
Laseredge™ Implant Knife, Round Tip	139	Mellinger Eye Speculum	237
Laseredge™ MVR Knife	141	Membrane Forceps Tip low glare titanium	92
Laseredge™ Phaco Slit Guarded Knife, 2.5 mm	142	Membrane Pick 130°, 23GA, sterile, 8/box	161
Laseredge™ Phaco Slit Guarded Knife, 2.65 mm	143	Membrane Pick 130°, 25GA, sterile, 8/box	162
Laseredge™ Phaco Slit Knife, 1.8 mm	141	Mendez Degree Gauge	19
Laseredge™ Phaco Slit Knife, 1.8 mm, Double Bevel	141	Meyerhoefer Chalazion Curette	242
Laseredge™ Phaco Slit Knife, 2.2 mm, Double Bevel	142	Meyer-Schwickerath Localizer	218
Laseredge™ Phaco Slit Knife, 2.4 mm, Double Bevel	142	Micro Scissors	201
Laseredge™ Phaco Slit Knife, 2.5 mm	142	Micro Serrefine	105
Laseredge™ Phaco Slit Knife, 2.8 mm, Double Bevel	143	Micro Tying Forceps	106
Laseredge™ Phaco Slit Knife, 2.65 mm	142	MICS® CapsuleGuard IA® Handpiece, 45°	122, 123
Laseredge™ Phaco Slit Knife, 2.65 mm, Double Bevel	142	MICS® CapsuleGuard IA® Handpiece, straight	122
Laseredge™ Phaco Slit Knife, 2.75 mm, Straight	143	MICS Capsulorhexis Forceps	73
Laseredge™ Phaco Slit Knife, 2.85 mm	143	MICS Capsulorhexis Forceps with curved jaws	74
Laseredge™ Phaco Slit Knife, 3.0 mm	143	Mini Corneal Scissors, Left	203
Laseredge™ Phaco Slit Knife, 3.0 mm, Double Bevel	143	Mini Corneal Scissors, Right	203
Laseredge™ Phaco Slit Knife, 3.2 mm	144	Moody Fixation Forceps	81
Laseredge™ Stab Guarded Knife, 15°	144	Moorfield Suturing Forceps	98
Laseredge™ Stab Knife, 15°	144	Muldoon Lacrimal Dilator	189
Laseredge™ Stab Knife, 22.5°	144	Murdoch Eye Speculum	237
Laseredge™ Stab Knife, 30°	144	Nagahara Nucleus Chopper	158, 159
Laseredge™ Stab Knife, 45°	144	Needle Holder	172, 173, 177
Laseredge™ Trapezoidal Guarded Knife, 2.0 - 2.2 mm	146	Needle Holder, Model Heidelberg	170
Laseredge™ Trapezoidal Knife, 1.5 - 1.7 mm	145	Neuhann Nucleus Rotator	156
Laseredge™ Trapezoidal Knife, 1.5 - 2.0 mm	145	New Orleans Eye and Ear Lens Loop	148
Laseredge™ Trapezoidal Knife, 1.6 - 1.8 mm	145	Nichamin Degree Gauge	17
Laseredge™ Trapezoidal Knife, 1.8 - 2.2 - 2.8 mm	145	Nichamin Double-Ended LRI/Toric Gauge	17
Laseredge™ Trapezoidal Knife, 1.85 - 2.2 mm	145	Nichamin Double Ended Spatula Chopper	158
Laseredge™ Trapezoidal Knife, 2.0 - 2.2 mm	145	Nichamin Fixation Ring and Gauge	68
Laseredge™ Trapezoidal Knife, 2.75 - 3.2 mm	146	Nichamin Hydrodissection Cannula	35
Laseredge™ Trapezoidal Knife, 2.85 - 3.2 mm	146	Nichamin LRI Diamond Knife	137
Laseredge™ TSV25 MVR Knife	141	Nick Pick #2	150
LASIK Corneal Marker, 7.5 mm Ø	48	Nordan Curved Needle Holder	172
LASIK Corneal Scraper	139	Nordan Tying Forceps	107
LASIK Irrigation Cannula	37	Noyes Iris Scissors	207
LASIK Speculum with Aspiration	233	Nucleus Dividing Hook	153
Lehner Utrata Capsulorhexis Forceps	71, 72	Nucleus Spatula and Chopper Double Ended	152

## Alphabetical

Nugent Utility Forceps	87	Sauer Eye Speculum, Infant	240
O'Connor Scleral Depressor Marker	219	Sauer Pediatric Eye Speculum	233
Oculo-Pressor Simplex	184	Sauer Suturing Forceps	101
O'Gawa-Castroviejo Tying Forceps	108	Saunders Eye Speculum, Premature Infant	238
O'Gawa Corneal Colibri Forceps	79	Sautter Air Injection Cannula	22
O'Gawa Lens Dialer	153	Schaedel Towl Clamp	105
O'Gawa Needle Holder	177	Schammas Capsule Polisher	29
O'Gawa Tying Forceps	109, 110	Scheie Ant. Chamber Irrigation Cannula	27
O'Gawa-Utrata Capsulorhexis Forceps	71	Schepens Orbital Retractor	196
Olk Retinal Hook	160, 161	Schepens Scleral Depressor	218
Olk Retinal Pick	161	Schioetz Tonometer	248
Olk Retinal Spatula	230	Schocket Double Ended Scleral Depressor	219
Ong Capsule Scissors	198, 199	Scleral Pilot Tube	166
Ong Irrigation Cannula	39	Scleral Pilot Tube Plug	166
Orbital Retractor-Elevator	195, 196	Scleral Pilot Tube Trocar	140
Original Putterman Clamp	77	Scleral Plugs	166
O-Ring, blue, 1.5 x 0.8 mm, 10/box	114	Scleral Resection Knife	140
O-Ring for 99902	114	Scobee Oblique Muscle Hook	162
O-Ring, red, 1.5 x 0.8 mm, 10/box	114	Seibel Ambidextrous Chopper	159
O-Rings	125	Serrated Forceps, 20GA	96
Osher 0.12 mm Forceps - Elschnig Teeth	98	Serrated Forceps, 23GA	96
Osher Bipolar Coaptation Forceps	54	Serrated Forceps, 25GA	96
Osher Capsule-Foreign Body Forceps	70	Shahinian Lacrimal Cannula	44
Osher Conjunctival Fixation Forceps	82	Sheets Irrigating Vectus	41
Osher Double-Ended Femto Wound Dissector	225	Sheets-Kelman-McPherson Tying Forceps	108, 111
Osher IOL Scissors angled	207	Shepard Bipolar Forceps	54
Osher "J" Cannula	30	Shepard Incision Irrigating Cannula	40
Osher Needle Holder	173	Shepard IOL Forceps	83
Osher-Neumann Corneal Marker	49	Shepard Tying Forceps	109
Osher Nucleus Manipulator	157	Shepard-Westcott Tenotomy Scissors	215
Osher-Seibel IOL Folding Forceps	84	Silicone Capsule Polisher, 27GA	30
Osher sterile field magnifier	166	Silicone Insert	56
Osher Tying Forceps	108	SILKO Aspirating Cannula Handpiece	115
Osher „Y" Hook	154	SILKO I/A Handpiece, Angled 20°	118
Ousley Implant Spatula	224	SILKO I/A Handpiece, Angled 60°, 16/22GA	117
Passive Aspiration Handpiece, 23GA	59	SILKO I/A Handpiece, Angled 60°, 17/23GA	117
Passive Aspiration Handpiece, 25GA	59	SILKO I/A Handpiece, Angled 90°	118
Paton Double Ended Spatula	224	SILKO I/A Handpiece, Angled 90°, 16/22GA	118
Paufique Suturing Forceps	101	SILKO I/A Handpiece, Curved, 16/22GA	117
Paufique Tying Forceps	106	SILKO I/A Handpiece, Curved, 17/23GA	117
Paufique Universal Suturing Forceps	97	SILKO I/A Handpiece, Straight	117
Pepose Micro Capsule Polisher	222	SILKO I/A Handpiece, Straight, 16/22GA	117
Peribulbar Needle 23GA Atkinson Style	23	Silverstein MICS 1.8 mm Capsulorhexis Forceps	72
Peribulbar Needle 25GA	24	Simcoe Cannula Polisher Capsule Scrubber	30
Peribulbar Needle 25GA Atkinson Style	23	Simcoe Cortex Extractor Cannula	31
Peribulbar Needle 27GA	24	Simcoe Irrigation/Aspiration Unit	41
Phaco Spatula	229	Simcoe Posterior Capsule Scrubber	30
Pic Forceps Tip titanium low glare	92	Simcoe Reverse I/A Unit	41
Pierce Colibri Forceps	111	Sinskey Hook	154
Pierce Forceps	107	Sinskey II Lens Hook	153
Pierce Tying Forceps	111	Sinskey IOL Hook	155
Pigtail Probe	186 - 188	Sinskey Iris and IOL Hook	153
Plange Foreign Body Spud	138	Skeele Curette	242
Plastic Tray, 80 x 160 mm	246	Slade Coaxial Chopper	80
Plastic Tray, 150 x 250 mm	246	Slade Laser LRI Dissector	223
Plug Removal Forceps, 25GA	97	Slade Refractive Cannula	39
Polack Double Corneal Colibri Forceps	79	Slade Refractive Spatula	228
Pression Pad	184	Slade Vertical Nucleus Cracker	80
Pression Pad with Band	184	Sliding Foreign Body Spud	138
Pretori Eye Speculum	233	Snapper Chopper	154
Protector For Lens Hook Tips	246	Snyder AC Scissors Tip Curved	206
Rentsch Reposition Double Hook	151	Snyder AC Scissors Tip Straight	206
Reposition Hook, Model Frankfurt	152	Snyder Stripping Forceps	78
Reposition Hook, Model Mainz	152	Spaide Pediatric Scleral Depressor	219
Retinal Scissors Tip curved, low glare, 20GA	211	Spare Tubing For LASIK Specula	232
Retrolubar Cannula	24	Spatula	226
Retrolubar Needle 23GA Atkinson Style	23	Spatula Epithelium LASEK	227
Retrolubar Needle 25GA	24	Spatula LASIK Kohnen	227
Retrolubar Needle 25GA Atkinson Style	23	Spatula, Model Giessen	229
Reverse Sinskey Hook	150	Special blades "G"	14
Rollet Lacrimal Sac Retractor	192	Special blades "K"	14
Ruedemann Lacrimal Dilator	189	Special blades "S"	14
Ruler, Model Giessen	20	Speculum LASIK with aspiration, open valves	234
Safran Capsule Weep Polisher	222	Speculum LASIK with aspiration, round valves	234
Sanders-Castroviejo Suturing Forceps	99	Speculum with aspiration	234

StableGrip™ Asymmetrical Peeling Forceps, 23 Gauge	92	Troutman Microscissors	200, 201
StableGrip™ Asymmetrical Peeling Forceps, 25 Gauge	93	Troutman Needle Holder	174, 175
StableGrip™ Curved Scissors, 23 Gauge	211	Troutman Superior Rectus Forceps	98
StableGrip™ Curved Scissors, 25 Gauge	212	Troutman Tying Forceps	110
StableGrip™ Endgripping Forceps, 23 Gauge	93	Tuebingen Tying Forceps	107
StableGrip™ Endgripping Forceps, 25 Gauge	94	Two-Step RK Diamond Knife	134
StableGrip™ ILM Forceps, 23 Gauge	93	Tying Forceps	107
StableGrip™ ILM Forceps, 25 Gauge	94	Tying Forceps Angled	111
StableGrip™ Micro Forceps, 25 Gauge	94	Tying Forceps Curved	111
StableGrip™ Micro Pic Forceps, 25 Gauge	93	Tying Forceps Jewelers Type	88
StableGrip™ Vertical Scissors, 23 Gauge	211	Tying Forceps, Model Tuebingen	106
StableGrip™ Vertical Scissors, 25 Gauge	211	Tying Forceps, straight	111
Stahl Caliper	18	Ullerich Aspirating Cannula Size 1	28
Stainless Steel Flexible Ruler	20	Ullerich Keratome	132
Stellaris® System I/A Handle for Changeable Tips	123	Universal Diamond Knife	134
Stellaris® System Zero Phaco Handpiece for Femtocataract 2.2mm	123	Universal Diamond Knife „MM“, 45°	134
Step Trifacet Diamond Knife	136	Universal Trephine Handle	254
Sterile Single Use Per Procedure Tray for MICS Incision sub 2 mm	269	Urrets-Zavalía Depressor	218
Sterile Single Use Vitreoretinal Instruments 20 Gauge	272	Uthoff Capsule Scissors	198
Sterile Single Use Vitreoretinal Instruments 23 Gauge	274	Utrata Capsulorhexis Forceps	70 - 72
Sterile Single Use Vitreoretinal Instruments 25 Gauge	275	Utrata Lehner Capsulorhexis Forceps	71
Sterilising Tray	246	Utrata MICS Capsulorhexis Forceps	71, 72
Stern-Castroviejo Suturing Forceps	99	Vannas Angled Capsulotomy Scissors	199
Stevens Curved Tenotomy Hook	164	Vannas Capsulotomy Scissors	199
Stevens Curved Tenotomy Scissors	216	Vannas Capsulotomy Scissors, Curved	198
Stevenson Lacrimal Sac Retractor	193	Vannas Capsulotomy Scissors, Straight	198
Stevens Straight Tenotomy Scissors	216	Vannas Curved Capsulotomy Scissors	199
Stevens Tenotomy Scissors	214, 215	Vertical Scissors Tip low glare, 20GA	211
Storz Toric Bubble Marker	50	Viscoelastic Cannula	46
Strabismus Hook	162	Viscoelastic Injection Cannula	46
Strabismus Hook, Model Bonn	162	Viscous Fluid Injection Cannula, 4 mm	37
Strabismus Hook, Model Essen	162	Viscous Fluid Injection Cannula, 5 mm	36
Strabismus Hook, Model Hamburg	162	Viscous Fluid Injection Cannula, 6 mm	37
Strabismus Scissors	212	Vitreoretinal Instruments 20 Gauge	273
Strabismus Scissors, Mod. Bonn	212	Vitreoretinal Instruments 23 Gauge	274
Straight Bipolar Forceps	53	Vitreoretinal Instruments 25 Gauge	275
Straight Dressing Forceps	102	Wallace Capsulorhexis Gauge 6 mm	16
Straight Eye Scissors	210	Watzke Sleeve Spreading Forceps	91
Straight Iris Scissors	207, 208	Wecker Iris Spatula	225
Straight Strabismus Scissors	213	Wecker Spatula, Model Frankfurt	226
Stromal channel Irrigation Probe, left	38	Weil Lacrimal Cannula	44
Stromal channel Irrigation Probe, right	38	Weinstock Bimanual Diamond Knife, 19GA	137
Stromal channel Spatula, left	223	Weinstock Intraocular Tissue Forceps	104, 108
Stromal channel Spatula, right	223	Weinstock Wound Dissector	224
Strong Curved Dressing Forceps	103	Weiss Eye Speculum	232
Suturing Forceps Mod. Zuerich	98	Wells Enucleation Spoon	243
Tanne Trephine Blade Handle	254	Welsh Cortex Extractor	30
Tanne Universal Disposable Trephine	252, 253	Westcott Conjunctival Scissors	200
Tanne Universal Disposable Trephine	253	Westcott Curved Tenotomy Scissors	216
T-Connector Metal For Aspiration Speculum	232	Westcott Micro Tenotomy Scissors	215
Temporal Approach Lid Speculum	239	Westcott Tenotomy Scissors	214, 215
Tenzel Double Ended Periosteal Elevator	193	Westcott Type Stitch Scissors	214
Terry Irrigating Scraper	41	Westcott Type Utility Scissors	209
Terry Non-Irrigating Scraper	225	West Lacrimal Cannula	45
Thornton Fine Fixation Ring	68	Wetscott Curved Tenotomy Scissors	215
Thornton Implant Forceps	85	Whitman Axis Marker	17
Thorpe Conjunctival Fixation Forceps	82	Whitman Double-Ended LRI Marker	49
Thorpe Corneal Fixation Forceps	82	Whitman Shepherd Double-Ended Capsule Polisher	222
Tissue Forceps	102, 104	Wilder Lacrimal Dilator	186
Tooke Corneal Knife	140	Wilder Lens Loop	148
Translocation Cannula, 39GA	45	Wiles Hydrodissection Cannula MICS	35
Translocation Cannula, 41GA	45	Williams Eye Speculum	236
Trephine LASEK Titanium, 8.0 mm	250	Wills Hospital Utility Forceps	87
Trephine LASEK Titanium, 9.0 mm	250	Wilmer Conjunctival and Utility Scissors	200
Trifacet Diamond Knife	135	Witschel Implant Forceps	84
Triple Edge Arcuate Diamond Knife, 15°	136	Worst Pigtail Probe	188
Trocar Ports Grasping Forceps	91	Yalon Hydrodissection Cannula	35
Troutman Alpha-Chymotrypsin Cannula	40	Y-Nucleus Manipulator and Chopper Double Ended	152
Troutman-Barraquer Colibri Type Forceps	77	Y-shaped Nucleus Rotator	156
Troutman-Barraquer Corneal Forceps	110	Zero Phaco Handpiece for Femtocataract 2.2mm	123
Troutman-Barraquer Corneal Utility Forceps	79	Ziegler Lacrimal Dilator	188
Troutman-Barraquer Corneal Utility Forceps	79		
Troutman-Castroviejo Corneal Scissors	205		
Troutman-Chris Blade Breaker and Holder	12		
Troutman Curved Conjunctival Scissors	200		

## Catalogue/Number

2-100	107	27012	214	54190A	151	63120Y1	98
2-132	77	27041	212	54250	226	63140	106
2-135	78	27042	212	54270A	226	63150	106
2-410	107	27051	212	54270Y2A	226	63160	107
2-420	107	27052	212	54270Y4	226	63250	107
2-500	107	27060	214	54290	150	64011	102
2-504	107	27062	215	54410	151	64020	102
2-700	83	27063	215	54420	228	64021	102
2-719	70	27070	212	55290	152	64022	102
2-800	80	27082	215	55300	152	64023	102
3-205	171	27100	215	55305	158	64090	85
3-303	172	51011	186	55306	158	64091	86
3-420	172	51012	186	55310	152	64220	86
6-250	153	51013	186	55350	222	64230	86
6-400	153	51100	186	55415	156	65023S-12	95
6-700	19	51130	186	55461	156	65025S-12	95
9-729	48	51171	186	55470	151	65050	70
33-202	172	51171Y1	187	55480	152	65150G	98
33-203	172	52000S	235	55481	152	65245	83
33-302	172	52021	232	55482	152	65256	84
33-303	172	52022	232	55483	153	65360Y1	97
07140-16	181	52051	193	56040A	218	65365	91
07140-18	181	52052	193	56060	66	65400	84
07140-20	181	52053	193	56081	20	65470	84
07140-22	181	52070	233	56120	50	65520	84
13091A	138	52092	195	56201A	218	65530	85
13100A	138	52111	233	56210A	218	66030	80
13121	138	52112	233	56291	160	67050	88
13131A	139	52121	238	56292	161	67120	89
13132A	139	52121H	238	56293	161	72020	170
13135	139	52121K	238	56301	230	72040	170
13410A	132	52123Y1	239	56302	230	72051	170
13420A	132	52125Y1	239	56320A	218	72052	170
13580Y5	134	52131	233	57051	18	72053	170
13580Y7	134	52132	233	57052	18	72054	170
16021A	140	52135	233	57061	192	72060	12
16131	13	52136	234	57062	192	72110	170
16134	13	52137	234	57071	192	72141	12
16145 2.5	13	52138	234	57072	192	72221	12
16145 2.8	13	52141	234	57091	195	72225	12
16145 3.0	13	52142	234	57150	229	73021	171
16145 3.2	13	52191	193	57190A	162	73022	171
16150	13	52201	234	57200A	162	73023	171
16155	14	52201Y3	235	57260A	162	73030	171
16500G	14	52202	235	57440A	162	73050	171
16501S	14	52203	235	61010	75	73111	171
16510K	14	52230	194	61040	76	77011	105
22020	209	52250	235	61050	76	77012	105
23010	200	53000T	48	61080	76	77021	90
23060	209	53001T	48	62021	74	81055	42
23121	200	53003T	227	62022	74	81056	42
23122	201	53004T	227	62023	74	81061-6	43
23130	201	53005T	48	62041	97	81071	42
23140	201	53006T	48	62042	97	81072	42
23160	201	53008T	250	62045Y1	98	81073	42
23201	201	53009T	250	62071	97	81074	43
23202	201	53010T	227	62072	97	81075Y1	43
24020	209	53011T	227	62110	98	81075Y3	43
24050	209	53012T	228	62130	76	81075Y4	43
24071	207	53013T	228	63020	77	81075Y5	43
24072	207	53014T	250	63031	77	81080-6	43
24081	198	53032	187	63032	77	82020S	39
24082	198	53100	48	63038	77	83010	37
24083	198	53300	223	63051	106	83011	38
24084	198	53301	223	63052	106	83012	38
25030	198	54055	192	63070	106	83013	38
25030Y1	198	54113A	225	63071	106	84010	31
25030Y2	199	54121A	225	63080	106	84021	38
25040	198	54161	225	63120	98	84022	38

## Catalogue/Number

85021	38	85807ST	129	99520	16	E0566 SA	151
85041	39	85809	126	99520	180	E0569	153
85050-6	22	85850	40	99522	16	E0570 N	158
85050Y1-6	22	85900S	116	99522	180	E0571	156
85100-6	22	85901S19	116	BL3160	123	E0572	154
85110-6	29	85901S20	116	BL3161	123	E0577	154
85121	28	85902S19	129	BL3163	124	E0578 L	158
85190	56	85902S20	130	BL3164	124	E0578 R	159
85201	56	85902ST19	130	BL3165	124	E0579	156
85201Y1	56	85903S19	126	BL3166	124	E0580	163
85240	41	85903S20	126	D8200	53	E0586	163
85250	28	85903ST19	126	D8201	53	E0586 S	163
85251Y2	29	85910S	120	D8203	52	E0588	163
85260	28	85910ST	120	DP9721	124	E0590	159
85262	39	85912S	120	DP9722	124	E0591	163
85266	28	85912ST	121	DP9723	124	E0592	163
85268	28	85913S	121	DP9724	125	E0593	163
85269	39	85913ST	121	DP9725	125	E0598	164
85272	39	85914S	122	DP9728	125	E0600	164
85301Y1	56	85914ST	122	DP9730	125	E0606	157
85302Y2	56	85915S	122	DP9731	125	E0608	161
85303Y1	56	85915ST	123	DP9733	125	E0609	161
85304	56	85950	114	DP9734	125	E0615	41
85640	46	85955	128	E0100 E	134	E0616	161
85730	39	86011	36	E0100 M	134	E0622	228
85761	117	86014	36	E0102 M	134	E0629	157
85762	117	86015Y2	36	E0103	135	E0631	41
85763	117	86015Y3	37	E0103 E	135	E0636	157
85764	117	86016	36	E0104 ACC1.8	135	E0644	148
85765	117	86028	166	E0104 ACC2.2	135	E0645	222
85766	117	87121-6	24	E0104 ACC2.5	135	E0648	148
85768	118	87122-6	24	E0104 ACC2.5/29	135	E0651	159
85770	118	90010	184	E0104 ACC2.8	136	E0664	148
85771	118	90011	184	E0104 ACC2.8/31	136	E0712	229
85772R	115	90012	184	E0104 ACC3.0	136	E0713 G	157
85774R	115	90013	184	E0105 M	136	E0729	154
85775	127	90014	184	E0112	136	E0730	229
85776R	115	93011	232	E0117	137	E0740	80
85777	127	93012	232	E0118	137	E0741	80
85778R	115	93100S	250	E0119	137	E0750 NS	192
85779	127	96060	166	E0123	137	E0756	159
85780S	115	99009	114	E0390	140	E0780	242
85781S	128	99010	114	E0421	187	E0781	242
85782S	118	99020	114	E0474	226	E0782	242
85783S	118	99195	232	E0478	223	E0783	242
85783ST	118	99272	62	E0479	223	E0784	242
85784S	119	99273	62	E0480	138	E0790	242
85784ST	119	99275	62	E0481	226	E0846	138
85785S	119	99281Y4	62	E0484	230	E0980	194
85786S	119	99420Y1	166	E0485	227	E0981	194
85786ST	119	99420Y2	167	E0485 C	227	E0982	194
85787S	128	99420Y3	167	E0487 M	230	E0985	194
85787ST	128	99420Y4	167	E0489	230	E0997	194
85788S	128	99420Y5	167	E0497	46	E1064	195
85789S	128	99420Y6	168	E0499 27	22	E1069	195
85790S	115	99420Y7	168	E0499 30	22	E1069 S	195
85791	29	99420Y8	168	E0508	29	E1091	229
85791S	129	99420Y9	168	E0511	222	E1400	102
85792S	115	99420Y10	167	E0511 ED	29	E1404	102
85794ST	119	99441Y1	62	E0523	222	E1406	103
85795ST	120	99441Y2	62	E0524 25GA	57	E1408	103
85800	126	99441Y5	63	E0525	222	E1410	103
85802	114	99500	260	E0532	150	E1416	86
85803	127	99501	260	E0533	150	E1475	86
85804	114	99501Y1	260	E0542	153	E1500	103
85805	127	99516	16	E0545	153	E1500 C	103
85806S	129	99516	180	E0549 H	151	E1502	103
85806ST	129	99518	16	E0564	162	E1506	103
85807S	129	99518	180	E0566 A	29	E1553	81

## Catalogue/Number

E1560	81	E2002 RC	71	E3096 6.0G	254	E3304 M	204
E1564	98	E2002 S	72	E3096 6.0LG	254	E3305	204
E1572	81	E2014	85	E3096 6.2G	254	E3305 M	204
E1600	81	E2015	78	E3096 6.5G	254	E3305 MC	204
E1654	81	E2026	72	E3096 6.5LG	254	E3305 X	205
E1656	81	E2028	70	E3096 6.7G	255	E3306	205
E1684	81	E2030	70	E3096 6.7LG	255	E3307	205
E1686	98	E2039	78	E3096 7.0G	255	E3311	205
E1717	82	E2040	150	E3096 7.0LG	255	E3315	200
E1730	82	E2077	70	E3096 7.2G	255	E3316	200
E1732	82	E2156	76	E3096 7.2LG	255	E3320 L	215
E1735	82	E2160	76	E3096 7.5G	255	E3320 R	215
E1736	82	E2304	89	E3096 7.5LG	256	E3320 RS	215
E1789	78	E2330	89	E3096 7.7G	256	E3320 RX	216
E1790	104	E2331	89	E3096 7.7LG	256	E3321	214
E1791	108	E2334	89	E3096 8.0G	256	E3321MWH	205
E1793	82	E2335	89	E3096 8.0LG	256	E3322	209
E1795	82	E2401	18	E3096 8.2G	256	E3340	214
E1796	99	E2402	18	E3096 8.2LG	256	E3340 WH	214
E1796 S	99	E2404	18	E3096 8.5G	257	E3343	207
E1796 WO	108	E2405	18	E3096 8.5LG	257	E3344	207
E1797	99	E2410	19	E3096 8.7G	257	E3347	207
E1798	99	E2420	20	E3096 8.7LG	257	E3349	208
E1798 S	99	E2421	19	E3096 9.0G	257	E3360	208
E1800	99	E2424	66	E3096 9.0LG	257	E3366	208
E1805	99	E2427	49	E3096 9.2G	257	E3383 C	209
E1805 XD	100	E2428	50	E3096 9.2LG	258	E3383 S	210
E1805 XDWH	100	E2430	17	E3096 9.5G	258	E3386	199
E1806	100	E2431	50	E3096 9.5LG	258	E3387	199
E1807	108	E2432	17	E3097	251	E3388	199
E1808	108	E2433	19	E3097 BP	251	E3388 GW	199
E1809	100	E2500	86	E3112	224	E3388 GWL	199
E1810	108	E2504	87	E3113	224	E3389	199
E1811 G	100	E2508	77	E3114	224	E3390 A	200
E1813 A	100	E2515	87	E3119	150	E3391	206
E1813 AK	100	E2516	44	E3122	150	E3404	208
E1813 S	101	E2517	44	E3123	41	E3405	208
E1815 A	108	E2604	74	E3124	225	E3408	208
E1815 ABG	109	E2610	75	E3125	224	E3410 I	210
E1815 AKG	109	E2614	75	E3190	78	E3412 I	210
E1815 S	109	E2618	75	E3191	110	E3424	210
E1817 S	101	E2632	75	E3192 FT	110	E3426	210
E1830	101	E2640	75	E3192 FTS	110	E3436	210
E1831	101	E2798	251	E3193	78	E3450	200
E1855	109	E2976	84	E3196	79	E3490	205
E1855 A	109	E2988	85	E3197	79	E3552 I	216
E1855 C	109	E2990	138	E3199	79	E3554 I	216
E1881	109	E2998	223	E3199 GW	70	E3556 I	216
E1881 S	110	E2999	224	E3203 0.12	79	E3560	216
E1882	110	E3001	140	E3204	104	E3562	216
E1888 C	110	E3046	224	E3205	104	E3570 I	213
E1888 S	110	E3048	250	E3215	79	E3571 I	213
E1890	87	E3050 6.0G	252	E3217 L	202	E3572 I	213
E1892	87	E3050 6.5G	252	E3217 R	202	E3576	213
E1900	87	E3050 6.25G	252	E3218 L	202	E3577	213
E1904	88	E3050 6.75G	252	E3218 MM	202	E3578	213
E1906	88	E3050 7.0G	252	E3218 R	202	E3580	210
E1918	88	E3050 7.5G	252	E3220	202	E3590 I	214
E1943 22	83	E3050 7.25G	252	E3221	203	E3651	206
E1946	87	E3050 7.75G	253	E3222 R	203	E3652	206
E1947 T1	88	E3050 8.0G	253	E3223	203	E3705	195
E1947 T5	88	E3050 8.5G	253	E3231 L	203	E3706	196
E1983	260	E3050 8.25G	253	E3231 R	203	E3720	243
E2002 C	71	E3050 8.75G	253	E3232	203	E3740	243
E2002 F	71	E3050 9.0G	253	E3233	203	E3742	243
E2002 G	71	E3050 9.25G	253	E3243	209	E3796	172
E2002 GE	71	E3050 H	254	E3300	204	E3797	173
E2002 M	71	E3067	250	E3301	204	E3797 X	173
E2002 R	71	E3095	254	E3304	204	E3807 WO	173

## Catalogue/Number

E3826	173	E4110	240	E4969 CS	30	E7551AG	143
E3827 CW	173	E4111	238	E4969 L	31	E7552ADB	143
E3828 CW	173	E4112	240	E4969 R	30	E7553A	143
E3828 CWO	173	E4118 T	232	E4971 G	41	E7556A	143
E3828 SW	174	E4198	187	E4971 RG	41	E7556ADB	143
E3828 SWO	174	E4199	187	E4977 S	28	E7557A	144
E3835	174	E4222	151	E4981	27	E7559A	143
E3836 C	174	E4223	187	E4982	27	E7560A	139
E3836 CW	174	E4223 J	44	E4989	40	E7561A	139
E3839	174	E4251	188	E4991	160	E7562	139
E3839 X	174	E4251 C	188	E4996	40	E7572	146
E3839 XWH	175	E4336	188	E4999	25	E7575	140
E3842	175	E4340	188	E5002	37	E7582	146
E3843	175	E4346	188	E5005	166	E7594	132
E3844	175	E4366	189	E5006	140	E7595	132
E3845	175	E4370	189	E5008	196	E7596	145
E3848	175	E4395 19	26	E5100 10	218	E7599	145
E3849	175	E4395 20	26	E5106	218	E7600	145
E3850	176	E4395 22	26	E5107	219	E7601	145
E3852	176	E4395 23	26	E5108	219	E7601G	146
E3861	176	E4395 24	26	E5109	219	E7602	145
E3861 WHMC	176	E4395 27	126	E5112	219	E7603	145
E3862	176	E4398	246	E5378	91	E7920	52
E3864	176	E4399	246	E5651	45	E7924	52
E3876	176	E4401	44	E5652	180	E7925	52
E3884 C	177	E4404	44	E5699	63	E7926	52
E3885	177	E4407	39	E5699 P	63	E7927	52
E3885 WL	177	E4408	44	E5754	248	E7928	53
E3897	105	E4411	45	E5754 B	248	E7929	52
E3900	105	E4413 BAR	34	E5754 C	248	E7930	53
E3904	105	E4414	40	E5754 D	248	E7931	53
E3915	90	E4414 GW10	30	E5754 I	246	E8001	10
E3916	90	E4414 WS	30	E6754	164	E8164	88
E3920	90	E4417 L	34	E6760	104	E8709	97
E3922	90	E4417 L27	34	E6764	104	E9012	68
E4033	66	E4417 R	34	E6768	83	E9018	68
E4034 12	66	E4417 R27	34	E6772	90	E9022	49
E4034 13	66	E4418	45	E6773	91	E9022 12	49
E4034 14	66	E4419	34	E6774	105	E9022 16	49
E4034 15	67	E4420	30	E7003	166	E9036	16
E4034 16	67	E4421 H	35	E7365	45	E9059 AA	134
E4034 17	67	E4421 H27	35	E7370	45	E9110	228
E4034 18	67	E4425 25	35	E7406	246	ED7101	25
E4034 19	67	E4426	45	E7407	246	ED7102	25
E4034 20	67	E4429	35	E7409	246	ED7103	25
E4034 21	67	E4500	193	E7411	246	ED7104	25
E4034 22	67	E4590	251	E7510	133	ED7105	26
E4040	236	E4595	193	E7510G	133	ED7106	26
E4041	236	E490123	27	E7515	144	ED7110	32
E4050	236	E490130	27	E7515G	144	ED7111	32
E4051	236	E4922	27	E7519	141	ED7112	32
E4056	236	E4924 25	22	E7520	141	ED7113	32
E4064	236	E4924 27	23	E7522	144	ED7114	32
E4065	237	E4925	40	E7525	141	ED7115	33
E4065 A	237	E4928	27	E7527	132	ED7122	32
E4067	237	E4929	35	E7528	132	ED7131	23
E4072	237	E4930	27	E7528G	133	ED7132	23
E4073	237	E4931	35	E7529	133	ED7133	23
E4094	237	E493110	31	E7530	144	ED7134	23
E4106 KT	239	E4933	157	E7532	133	ED7135	24
E4106 N	239	E4937	157	E7544A	141	ED7136	24
E4106 S	239	E4937 M	158	E7544aDB	141	ED7138	24
E4106 ST	239	E4940	36	E7545	144	ED7151	33
E4106 T	239	E4951	24	E7548ADB	142	ED7152	33
E4107	240	E495125	25	E7549ADB	142	ED7153	30
E4107 K	240	E4966	31	E7550A	142	ED7154S	33
E4107 P	240	E4968	31	E7550AG	142	ED7155	33
E4107 PS	240	E4968 A	10	E7551A	142	ED7156	33
E4108	240	E4969	31	E7551ADB	142	ED7159	34

## Catalogue/Number

ED7182	46	ET3122	79	ET8515	211	SUF06	156
ED7184	42	ET3126	50	ET8516	212	SUH01	238
ED7187	42	ET3199	80	ET9019	68	SUH04	235
ET0545	154	ET3200	111	ET9020	68	SUI03-12	95
ET0571	158	ET4065	238	ET9044	68	SUI05-12	95
ET0578 L	159	ET4600	63	ET9079	48	SUI07-12	96
ET0578 R	159	ET4750 A23	116	MVS 1022	40	SUI08-12	96
ET0703	160	ET4750 AP23	116	MVS 1031	37	SUI09-12	95
ET0713	154	ET4750 I21	130	MVS 1035	37	SUI10-12	96
ET0736	160	ET4753 A23	116	MVS 1052	58	SUI11-12	96
ET0738	154	ET4937	155	MVS1093 20	127	SUI12-12	96
ET1088TS	72	ET8190 H	73	S2050 1	53	SUJ01	59
ET1103	155	ET8198H	91	S2050 9	54	SUJ02	59
ET1104	155	ET8200 TL	92	S2050 10A	54	SUJ03	59
ET1202	72	ET8202 TL	92	S2050 10S	54	SUJ06	59
ET1305	104	ET8211 TL	92	S2050 14A	54	SUJ07	59
ET1306	207	ET8212 TL	92	S2050 15	54	SUJ08	57
ET1796	101	ET8216 TL	211	S2050 16	54	SUJ09	57
ET1807	111	ET8218 TL	211	SSUE01-12	73	SUJ10	57
ET1811	101	ET8306CTL	206	SUE02-12	83	SUJ11	57
ET1850 C	111	ET8306STL	206	SUE03-12	111	SUJ12	58
ET1852	111	ET8309	92	SUE04-12	111	SUJ13	58
ET2002	72	ET8310	93	SUE05-12	111	SUJ14	58
ET2002 RC	72	ET8312	93	SUE06-12	73	SUK01	161
ET2009	73	ET8315	211	SUE07-12	74	SUK02	162
ET2012	73	ET8316	211	SUE08-12	74	SUP04	123
ET2418	17	ET8508	93	SUF01	155	SUP04ST	123
ET2423	17	ET8509	93	SUF02	155		
ET2905	85	ET8510	94	SUF03	229		
ET2912 CE	83	ET8512	94	SUF04	156		
ET2997	225	ET8514	94	SUF05	156		





# BAUSCH+LOMB STORZ®

For the most up-to date overview  
of available instruments,  
visit our online catalogue:



[www.storzeye.eu](http://www.storzeye.eu)

Trusted Quality

Made in Germany  
Made in USA

Bausch + Lomb GmbH

Im Schuhmachergewann 4 · 69123 Heidelberg · Germany · E-Mail: [storz-instruments@bausch.com](mailto:storz-instruments@bausch.com)

For information or Customer Service please contact your local Bausch+Lomb representative or distributor.

04.08.15/Instruments Cat ENG