

**STORZ**<sup>®</sup>  
Ophthalmic Instruments

## PRODUCT CATALOGUE

Sterile Single Use Instruments for  
Cataract and Vitreoretinal Surgery



CATARACT



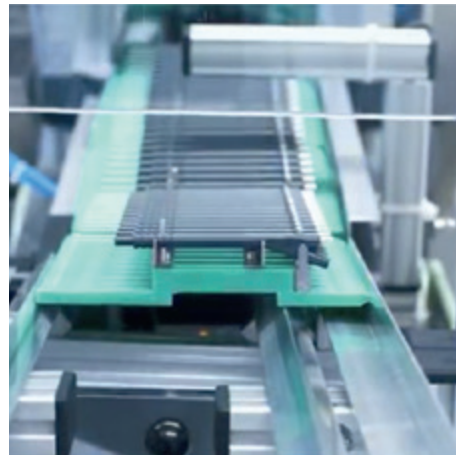
LASER



RETINA

**BAUSCH + LOMB**

See better. Live better.



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# STERILE SINGLE USE INSTRUMENTS DESIGNED FOR SAFETY, CONSISTENCY, CONVENIENCE

For over 120 years, Storz® Ophthalmic Instruments have been recognised around the World for industry leading quality and innovation. Each of our surgical instruments are designed, manufactured and tested with surgeons being involved throughout the entire process. This ensures the instruments delivered from our Manufacturing Centre's of Excellence meet quality and performance expectations.

## **Sterile single use instruments by Bausch + Lomb Storz® Ophthalmic Instruments**

Bausch + Lomb is pleased to introduce this new edition catalogue of sterile single use instruments. In this catalogue you will find the entire Storz® Ophthalmic Instruments product line of high precision sterile single use instruments.

Together with Bausch + Lomb Stellaris®, Victus® and Technolas® Teneo 317™, single use instruments provide surgeons with the tools and technology to perform latest techniques for the treatment of cataracts and vitreoretinal conditions.

## **Trusted Quality. Leading Design.**

Bausch + Lomb's success is underpinned by its ability to maintain hand-crafted excellence, while adapting to an ever changing environment with latest instrument designs.

Sterile single use Bausch + Lomb Storz® Ophthalmic Instruments are designed and manufactured in Heidelberg, Germany, which combines very well with the excellence of Bausch + Lomb's reusable instruments.

The vast in house expertise for manufacturing reusable instruments has been beneficial when designing the single use instrument range. This is owing to the functionality being on a par with the Storz Ophthalmic Instruments.

All cataract and vitreoretinal instruments can be ordered individually, as components of a sterile Per Procedure Tray (p. 6) or as components of sterile Custom Packs built to your exact requirements.

## **Quality Management**

Bausch + Lomb is renowned and recognised for its high standard of quality manufacturing.

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.

## **Find us online**

For the most up-to date overview of available instruments, visit our website: [www.storzeye.eu](http://www.storzeye.eu)

## Why single use?

### 1. Safety

B + L single use Instruments are delivered sterile and provide optimal protection against infection and cross contamination for every single surgery.

### 2. Consistent Quality

With B + L single use Instruments you always use a new instrument which ensures consistent quality and performance for each procedure. Instruments and Per Procedure Trays are supplied sterile packed and are sterilised in a validated process.

### 3. Economical

B + L single use Instruments and Per Procedure Trays provide a clear cost allocation that may lead to a reduction in processing costs in the hospital.

### 4. Properties

B + L single use Instruments and Per Procedure Trays are made from a high performance plastic and medical grade stainless steel. The special composition of the instruments provides high quality and efficient mechanical properties for the intended function of each instrument.

### 5. Ecological

Single use instruments can be disposed of with other clinical waste. Because of health aspects regarding the disposal of microbiological burden, hospital waste is usually incinerated. The materials used for B + L single use instruments do not contain hazardous materials, thus ensuring safe and clean incineration. In addition, the plastic provides energy to maintain the incineration process and saves on the flammables required to burn the waste. Single use instruments may have a lower environmental impact compared to Reusables thanks to savings on disinfectant chemicals, transportation and energy to reprocess reusable instruments.



We have used B & L single use instruments for many years for all the surgeons in our department and have had a remarkable increase in efficiency and safety as a consequence.

Mr Paul Ursell MBBS MD FRCOphth





# STERILE SINGLE USE PER PROCEDURE TRAYS BY B + L STORZ® OPHTHALMIC INSTRUMENTS

Bausch + Lomb is continuously exploring ways of offering innovative products for you and your patients.

As a globally known Surgical partner our aim is to offer you practical solutions to help with efficiency on a daily basis. In offering you the option of assembling specific single use instruments we are providing a flexible solution designed to provide safety, consistency and convenience in your operating room.

## Make it yours!

The bespoke Per Procedure Tray is a complete kit of Bausch + Lomb's high precision single use instruments that can be organised in accordance with your preferred surgical technique.

Single Use Per Procedure Trays are available for Cataract, Femtocataract and Vitreoretinal surgeries and offer various methods of assembling.

By designing your bespoke Per Procedure Tray of sterile single use instruments you can see the benefit of this option.

## Cataract Trays

The cataract product line offers a variety of instruments for different surgical techniques. Select your bimanual or coaxial handpieces and combine them with your choice of sterile single use instruments with a comparable functionality to our reusable instruments line.

## Femtocataract Trays

By adding the Zero Phaco handpiece (p. 22) to your tray you can benefit from a fully disposable femtocataract procedure. Combined with your femtosecond laser, the handpiece is a good alternative to perform your cataract surgery without the use of ultrasound.

Complete your individual Per Procedure Tray with our unique Zero Phaco handpiece (p. 22) to obtain a fully disposable surgical femtolaser-assisted Cataract surgery!

### Try out the online Per Procedure Tray Configurator on our website!

Visit [www.storzeye.eu](http://www.storzeye.eu) to assemble your individual Tray at home or on your mobile device:

- Choose your Procedure and access the available instruments portfolio for your anterior or posterior surgery.
- Browse the instruments categories and assemble your individual sterile single use Per Procedure Tray with the components you need.
- Send your request. We will get back to you with your individual offer.
- We know you want to use your Per Procedure Tray as soon as possible. Six weeks after your order you will be able to perform your first surgery with your personal Per Procedure Tray.

### Vitreoretinal Trays

Perform vitreoretinal surgeries with the retinal line of 20, 23, 25 and 27 gauge instruments. With forceps, bipolar erasers, picks and backflush handpieces, you will be able to assemble all essentials for your next retinal surgery in one tray.

### Advantages at a glance

**It's simple** – having all instruments in one tray, leads to a simplified administration by reducing the number of single units to be ordered and managed.

**It's efficient** – our Per Procedure Trays are packaged in a sterile pouch and can be directly placed on the sterile operating field. Used instruments can be placed back in the tray and be disposed of.

**It's safe and consistent** – Use new “ready to use” instruments designed to provide a consistent precision and quality in every surgery.





# CATARACT SURGERY



## SPECULA

SUH01

**Barraquer Eye Speculum**

24



- Wire speculum with closed valves.
- 14.0 mm blade length.

SUH04

**Adjustable Eye Speculum**

6



- Adjustable eye speculum with 16.0 mm solid blades.

## FORCEPS

SUE02-12

**Bonn Forceps**

12



- Straight jaws.
- 1 × 2 teeth 0.12 mm.
- 3.5 mm tying platform.
- For tissue manipulation and bulbus fixation.
- 100.0 mm overall length.

SUE03-12

**Tying Forceps, straight**

12



- Straight jaws.
- 3.5 mm tying platform.
- 100.0 mm overall length.
- May be used for IOL manipulation and cartridge loading.

SUE04-12

**McPherson Tying Forceps**

12



- Angled jaws.
- 4.0 mm tying platform.
- 8.5 mm jaw length.
- 98.0 mm overall length.
- May be also used for cartridge loading.

## FORCEPS

SUE05-12

## Pierse Tying Forceps

12



- Straight jaws.
- 0.25 mm notched.
- 4.0 mm tying platform.
- 100.0 mm overall length.
- For tissue manipulation and bulbus fixation.

SUE01-12

## Capsulorhexis Forceps

12



- Angled jaws.
- 11.5 mm jaw length.
- fine sharp tips.
- 100.0 mm overall length.

SUE06-12

## MICS Capsulorhexis Forceps

12



- Fine angled tips ideal for grasping delicate capsule during MICS 1.8 mm procedures.
- Angled shafts allow ease of movement in the anterior chamber.

SUE07-12

## Capsulorhexis Forceps, with markings

12



- 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 allow ease of movement in the anterior chamber.

SUE08-12

## MICS Capsulorhexis Forceps with curved jaws

12



- Fine angled tips ideal for grasping delicate capsule during MICS 1.8 mm procedures.
- Angled curved shafts allow ease of movement in the anterior chamber.

SUI20-12

## MICS 1.0 mm Capsulorhexis Forceps

12



- Angled endgripping platforms for grasping delicate capsule.
- 23GA shaft designed for performing capsulorhexis through a 1.0 mm incision.
- Low glare instrument shaft.

## MANIPULATORS

SUF01

**Koch Stop & Chop Manipulator**

12



- Angled shaft with 1.4 mm tip.
- 10.0 mm shaft length.
- Overall length 116.0 mm.
- Designed to efficiently perform the "Stop and Chop" technique.

SUF02

**Sinsky Hook**

12



- Angled shaft with 0.5 mm tip and 0.18 mm diameter.
- 115.0 mm overall length.
- For lens dialing and manipulation.

SUF03

**Phaco Spatula**

12



- Angled.
- 11.0 mm spatula length.
- 117.0 mm overall length.
- For nucleus manipulation.

SUF04

**Drysdale type Nucleus Manipulator**

12



- Flattened paddle tip with generous surface area is ideal for manipulating tissue, rotating and cracking the nucleus.

SUF05

**Y-shaped Nucleus Rotator**

12



- With horizontal "Y-Hook".

SUF06

**Y-shaped Nucleus Rotator**

12



- With vertical "Y-Hook".

## CAPSULEGUARD® STELLARIS® SYSTEM COAXIAL I/A HANDPIECES

- One-piece silicone construction I/A tip.
- The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag.
- Semi-transparent silicone sleeve provides perfect visualisation.

CapsuleGuard IA®

85910ST

CapsuleGuard IA® Handpiece, 45°

12



- Aspiration tip 45°.
- Recommended for use in a 2.2 - 2.8 mm incision.
- Designed with luer-lock design for the Stellaris® System.

85912ST

CapsuleGuard IA® Handpiece, straight

12



- Straight shaft, straight aspiration tip.
- Recommended for use in a 2.2 - 2.8 mm incision.
- Designed with luer-lock design for the Stellaris® System.

85913ST

CapsuleGuard IA® Handpiece, curved

12



- Curved shaft, straight aspiration tip.
- Recommended for use in a 2.2 - 2.8 mm incision.
- Designed with luer-lock design for the Stellaris® System.

85914ST

MICS CapsuleGuard IA® Handpiece, straight

12



- Straight shaft, straight aspiration tip.
- Recommended for use in a sub 2.0 mm incision.
- Designed with luer-lock design for the Stellaris® System.

85915ST

MICS CapsuleGuard IA® Handpiece, 45°

12



- Aspiration tip 45°.
- Recommended for use in a sub 2.0 mm incision.
- Designed with luer-lock design for the Stellaris® System.



## STELLARIS® SYSTEM COAXIAL I/A HANDPIECES

85783ST

17GA I/A Handpiece, curved

12



- Curved shaft. Ideal for deep-set eyes.
- 0.3 mm aspiration port.
- Outer diameter 1.5 mm (17GA).
- Designed with luer-lock design for the Stellaris® System.

85784ST

17GA I/A Handpiece, tip 45°

12



- Straight shaft with 45° angled aspiration tip.
- 0.3 mm aspiration port.
- Outer diameter 1.5 mm (17GA).
- Designed with luer-lock design for the Stellaris® System.

85786ST

16GA I/A Handpiece, tip 90°

12

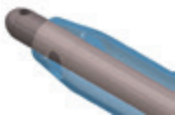


- Straight shaft with 90° angled aspiration tip.
- Ideal for 12 o'clock cortical material removal.
- 0.3 mm aspiration port.
- Outer diameter 1.65 mm (16GA).
- Designed with luer-lock design for the Stellaris® System.

85794ST

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

12



- Curved shaft with silicone irrigation sleeve.
- For 1.8 mm incision.
- 0.3 mm aspiration port.
- Designed with luer-lock design for the Stellaris® System.

85795ST

I/A Handpiece, with sleeve, tip 90°, for 1.8 C-MICS

12



- 45° angled tip with silicone irrigation sleeve.
- For 1.8 mm incision.
- 0.3 mm aspiration port.
- Designed with luer-lock design for the Stellaris® System.

## STELLARIS® SYSTEM BIAXIAL IRRIGATION

**85902ST19****19GA Irrigation Handpiece**

12

- Curved shaft. Smooth tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 1.07 mm (19GA).
- Designed with luer-lock design for the Stellaris® System.

**85806ST****22GA Irrigation Handpiece**

12

- Curved shaft. Smooth tip.
- Two lateral irrigation ports.
- Outer diameter 0.7 mm (22GA).
- Designed with luer-lock design for the Stellaris® System.

**85787ST****21GA Irrigation Handpiece**

12

- Curved shaft. Smooth tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 0.8 mm (21GA).
- Designed with luer-lock design for the Stellaris® System.

**85807ST****23GA Irrigation Handpiece**

12

- Curved shaft. Smooth tip.
- Two lateral irrigation ports.
- Outer diameter 0.6 mm (23GA).
- Designed with luer-lock design for the Stellaris® System.

BIAXIAL ASPIRATION HANDPIECES



85901S19

**19GA Aspiration Handpiece**

12

- Curved shaft.
- Roughened tip.
- 0.3 mm aspiration port.
- Outer diameter 1.07 mm (19GA).

85790S

**22GA Aspiration Handpiece**

12

- Curved shaft.
- Roughened tip.
- 0.3 mm aspiration port.
- Outer diameter 0.7 mm (22GA).

85901S20

**20GA Aspiration Handpiece**

12

- Curved shaft.
- Roughened tip.
- 0.3 mm aspiration port.
- Outer diameter 0.89 mm (20GA).

85792S

**23GA Aspiration Handpiece**

12

- Curved shaft.
- Roughened tip.
- 0.3 mm aspiration port.
- Outer diameter 0.6 mm (23GA).

85780S

**21GA Aspiration Handpiece**

12

- Curved shaft.
- Roughened tip.
- 0.3 mm aspiration port.
- Outer diameter 0.8 mm (21GA).

85900S

**21GA Aspiration Handpiece**

12



- Aspiration tip with lateral port.
- Roughened tip.
- Outer diameter 0.8 mm (21GA).

## COAXIAL I/A HANDPIECES

- One-piece silicone construction I/A tip.
- The silicone tip design facilitates cortex removal, capsule polishing, viscoelastic removal and IOL manipulation in the capsular bag.
- Semi-transparent silicone sleeve provides perfect visualisation.

CapsuleGuard IA®

85910S

CapsuleGuard IA® Handpiece, 45°

12



- Aspiration tip 45°.
- Recommended for use in a 2.2 – 2.8 mm incision.

85912S

CapsuleGuard IA® Handpiece, straight

12



- Straight shaft, straight aspiration tip.
- Recommended for use in a 2.2 – 2.8 mm incision.

85913S

CapsuleGuard IA® Handpiece, curved

12



- Curved shaft, straight aspiration tip.
- Recommended for use in a 2.2 – 2.8 mm incision.

85914S

MICS CapsuleGuard IA® Handpiece, straight

12



- Straight shaft, straight aspiration tip.
- Recommended for use in a sub 2.0 mm incision.

85915S

MICS CapsuleGuard IA® Handpiece, 45°

12



- Aspiration tip 45°.
- Recommended for use in a sub 2.0 mm incision.

## COAXIAL I/A HANDPIECES

85782S

17GA I/A Handpiece, straight

12



- Straight tip for initial cortical removal.
- 0.3 mm aspiration port.
- Outer diameter 1.5 mm (17GA).

85783S

17GA I/A Handpiece, curved

12



- Curved shaft.
- Ideal for deep-set eyes.
- 0.3 mm aspiration port.
- Outer diameter 1.5 mm (17GA).

85784S

17GA I/A Handpiece, straight, tip 45°

12

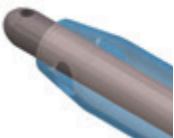


- For optimal 360° cortical material removal.
- 0.3 mm aspiration port.
- Outer diameter 1.5 mm (17GA).

85785S

20GA I/A Handpiece, straight with sleeve

12



- Straight tip with silicone irrigation sleeve for standard phaco incision.
- Aspiration cannula 0.9 mm (20GA).
- 0.3 mm aspiration port.

85786S

16GA I/A Handpiece, straight, tip 90°

12



- 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).



## BIAXIAL IRRIGATION HANDPIECES

85902S19

**19GA Irrigation Handpiece**

12



- Curved shaft. Smooth tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 1.07 mm (19GA).

85902S20

**20GA Irrigation Handpiece**

12



- Curved shaft. Smooth tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 0.89 mm (20GA).

85781S

**21GA Irrigation Handpiece, roughened**

12



- Curved shaft. Roughened tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 0.8 mm (21GA).

85787S

**21GA Irrigation Handpiece**

12



- Curved shaft. Smooth tip.
- Two lateral irrigation ports of 0.6 mm Ø.
- Outer diameter 0.8 mm (21GA).

85789S

**22GA Irrigation Handpiece, central port, beveled tip**

12



- Curved shaft.
- Central irrigation port.
- Outer diameter 0.7 mm (22GA).

85806S

**22GA Irrigation Handpiece**

12



- Curved shaft. Smooth tip.
- Two lateral irrigation ports.
- Outer diameter 0.7 mm (22GA).

## BIAXIAL IRRIGATION HANDPIECES

85807S

**23GA Irrigation Handpiece**

12



- Curved shaft.
- Smooth tip.
- Two lateral irrigation ports.
- Outer diameter 0.6 mm (23GA).

85791S

**23GA Irrigation Handpiece, central port, beveled tip**

12



- Curved shaft.
- Central irrigation port.
- Outer diameter 0.67 mm (23GA).

## BIAXIAL IRRIGATING CHOPPERS

85903S19

**19GA Irrigating Chopper**

12



- Sharpened inner side.
- Atraumatic tip end.
- Central irrigation port.
- Outer diameter 1.07 mm (19GA).

85903S20

**20GA Irrigating Chopper**

12



- Sharpened inner side.
- Atraumatic tip end.
- Central irrigation port.
- Outer diameter 0.89 mm (20GA).

# FEMTOCATARACT SURGERY



I/A HANDPIECES FOR ZERO PHACO LENS REMOVAL

SUP01

Zero Phaco Handpiece, 1.8 mm

12



- For aspirating softened nuclei during Femtosecond cataract surgery.
- Designed with an open port aspiration tube with 30° bevel.
- Recommended for use in a 1.8 mm incision.

SUP01ST

Zero Phaco Handpiece, 1.8 mm, for Stellaris® System

12



- For aspirating softened nuclei during Femtosecond cataract surgery.
- Designed with an open port aspiration tube with 30° bevel.
- Recommended for use in a 1.8 mm incision.
- Designed for use with the Stellaris® System.

SUP06

Zero Phaco Handpiece, 2.2 mm

12



- For aspirating softened nuclei during Femtosecond cataract surgery.
- Designed with an open port aspiration tube with 30° bevel.
- Recommended for use in a 2.2 mm incision.

SUP06ST

Zero Phaco Handpiece, 2.2 mm, for Stellaris® System

12



- For aspirating softened nuclei during Femtosecond cataract surgery.
- 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.

SUP05

Zero Phaco Aspiration Handpiece

12



- 21G (0.8 mm) Bimanual Aspiration Handpiece, designed with an open port aspiration tube for aspirating softened nuclei during Femtosecond cataract surgery.
- 30° tapered tip.
- For use with 85787ST - Irrigation Handpiece 21G.

# VITREORETINAL SURGERY





ENDGRIPPING FORCEPS

65023S-12

23GA Endgripping Forceps

12



- 23GA single-use end gripping vitreoretinal forceps.
- These forceps are used to peel epiretinal membrane and also ILM.
- Low glare instrument shaft.

65025S-12

25GA Endgripping Forceps

12



- 25GA single-use end gripping vitreoretinal forceps.
- These forceps are used to peel epiretinal membrane and also ILM.
- Low glare instrument shaft.

SUI13-12

27GA Endgripping Forceps

12



- 27GA single-use end gripping vitreoretinal forceps.
- These forceps are used to peel epiretinal membrane and also ILM.
- Low glare instrument shaft.

ENDGRIPPING ILM FORCEPS

SUI09-12

20GA Endgripping ILM Forceps

12



- 20GA end gripping vitreoretinal forceps.
- Specifically designed to remove delicate ILM and epiretinal membrane.
- Low glare instrument shaft.

SUI07-12

23GA Endgripping ILM Forceps

12



- 23GA end gripping vitreoretinal forceps.
- Specifically designed to remove delicate ILM and epiretinal membrane.
- Low glare instrument shaft.

SUI08-12

25GA Endgripping ILM Forceps

12



- 25GA end gripping vitreoretinal forceps.
- Specifically designed to remove delicate ILM and epiretinal membrane.
- Low glare instrument shaft.

## ASYMMETRIC PEELING FORCEPS

SUI03-12

23GA Asymmetric Peeling Forceps

12



- Asymmetric jaw for excellent visualisation of retinal tissue.
- Used for ILM, epiretinal membrane peel, macular puckers and cellophane maculopathy.
- 23GA.

SUI05-12

25GA Asymmetric Peeling Forceps

12



- Asymmetric jaw for excellent visualization of retinal tissue.
- Used for ILM, epiretinal membrane peel, macular puckers and cellophane maculopathy.
- 25GA.

## SERRATED FORCEPS

SUI10-12

20GA Serrated Forceps

12



- 20GA 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.

SUI11-12

23GA Serrated Forceps

12



- 23GA 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.

SUI12-12

25GA Serrated Forceps

12



- 25GA 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.

SUI14-12

27GA Serrated Forceps

12



- 27GA 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.

BIPOLAR ERASERS

E7928

**Bipolar Scleral Eraser**

12



- Designed for scleral haemostasis.
- 45° beveled tip.
- Lemos type connector.

E7929

**20GA Bipolar Eraser, lemo tapered**

12



- Designed for retinal endodiathermy.
- 20GA shaft.
- Conical tip.
- Lemo type connector.

E7930

**23GA Bipolar Eraser, lemo tapered**

12



- Designed for retinal endodiathermy.
- 23GA shaft.
- Conical tip.
- Lemos type connector.

E7931

**23GA Bipolar Eraser, 2pin tapered**

12



- Designed for retinal endodiathermy.
- 23GA shaft.
- Conical tip.
- 2-pin connector.

E7926

**25GA Bipolar Eraser, lemo tapered**

12



- Designed for retinal endodiathermy.
- 25GA shaft.
- Conical tip.
- Lemos type connector.

E7927

**25GA Bipolar Eraser, lemo blunt**

12



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

E7924

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

12



- Designed for retinal endodiathermy.
- 25GA shaft.
- Conical tip.
- 2-pin connector.

## BIPOLAR ERASERS

E7925

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

12



- Designed for retinal endodiathermy.
- 25GA shaft.
- 45° beveled tip.
- 2-pin connector.

E7932

**27GA Bipolar Eraser, lemo tapered**

12



- Designed for retinal endodiathermy.
- 27GA shaft.
- Conical tip.
- Lemos type connector.

E7933

**27GA Bipolar Eraser, 2pin tapered**

12



- Designed for retinal endodiathermy.
- 27GA shaft.
- Conical tip.
- Lemos type connector.

## MEMBRANE PICKS

SUK01

**23GA Membrane Pick, 130°**

8



- 23GA Shaft with non-glare finish.
- 130° angled tip.

SUK02

**25GA Membrane Pick, 130°**

8



- 25GA Shaft with non-glare finish.
- 130° angled tip.

BACKFLUSH/EXTRUSION HANDPIECES

SUJ08

20GA Backflush/Extrusion Handpiece with blunt tip

6



- For active & passive aspiration.
- 20GA handpiece with blunt tip.
- Grey colour coding ring.

SUJ09

20GA Backflush/Extrusion Handpiece with soft tip brush

6



- For active & passive aspiration.
- 20GA handpiece with soft tip brush.
- Grey colour coding ring.

SUJ10

20GA Backflush/Extrusion Handpiece with soft tip

6



- For active & passive aspiration.
- 20GA handpiece with soft tip.
- Grey colour coding ring.

SUJ11

23GA Backflush/Extrusion Handpiece with blunt tip

6



- For active & passive aspiration.
- 23GA handpiece with blunt tip.
- Green colour coding ring.

SUJ12

23GA Backflush/Extrusion Handpiece with soft tip brush

6



- For active & passive aspiration.
- 23GA handpiece with soft tip brush.
- Green colour coding ring.

SUJ13

23GA Backflush/Extrusion Handpiece with soft tip

6



- For active & passive aspiration.
- 23GA handpiece with soft tip.
- Green colour coding ring.

SUJ14

25GA Backflush/Extrusion Handpiece with blunt tip

6



- For active & passive aspiration.
- 25GA handpiece with blunt tip.
- Blue colour coding ring.

## BACKFLUSH/EXTRUSION HANDPIECES

## SUJ17 27GA Backflush/Extrusion Handpiece with blunt tip

6



- For active & passive aspiration.
- 27GA handpiece with blunt tip.
- Magenta colour coding ring.

## PASSIVE ASPIRATION HANDPIECES

## SUJ03 23GA Passive Aspiration Handpiece

12



- Passive Aspiration Handpiece ready for use with 23 Gauge 1.5 mm Soft tip cannula.
- For passive aspiration of fluid from the eye during vitreoretinal procedures.
- Soft flexible tip.

## SUJ06 23GA Passive Aspiration Handpiece

12



- Passive Aspiration Handpiece ready for use with 23 Gauge blunt needle.
- For passive aspiration of fluid from the eye during vitreoretinal procedures.

## SUJ02 25GA Passive Aspiration Handpiece

12



- Passive Aspiration Handpiece ready for use with 25 Gauge 1.5 mm Soft tip cannula.
- For passive aspiration of fluid from the eye during vitreoretinal procedures.
- Soft flexible tip.

## SUJ07 25GA Passive Aspiration Handpiece

12



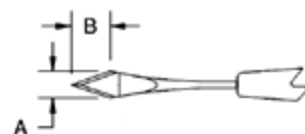
- Passive Aspiration Handpiece ready for use with 25 Gauge blunt needle.
- For passive aspiration of fluid from the eye during vitreoretinal procedures.

# KNIVES





## CLEAR CORNEAL KNIVES



LP7594

Clear corneal knife 1.3 mm angled

■ A = 1.3 mm, B = 1.4 mm.

6

LP7595

Clear corneal knife 1.6 mm angled

■ A = 1.6 mm, B = 1.7 mm.

6

LP7527

Clear corneal knife angled 2.75 mm

■ A = 2.75 mm, B = 3 mm.

6

LP7528

Clear corneal knife angled 2.85 mm

■ A = 2.85 mm, B = 3.2 mm.

6

LP7587A

Clear corneal knife 2.9 mm angled

■ A = 2.9 mm, B = 3.1 mm.

6



SUB7528

Clear corneal knife angled 2.85 mm

■ B = 2.85 mm, C = 2.8 mm.

12

## CRESCENT KNIVES




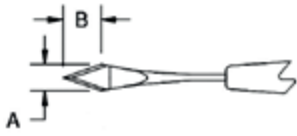

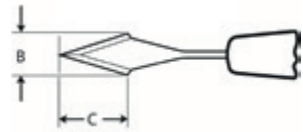
LP7510

Crescent blade bevel up angled

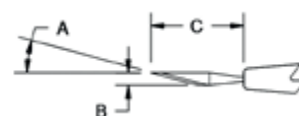
■ A = 2.0 mm, B = 4.0 mm.

6

## SLIT KNIVES

			
<b>LP7548ADB</b>	<b>Slit knife 2.2 mm angled double bevel</b>	■ A = 2.2 mm, B = 2.3 mm.	6
<b>LP7549ADB</b>	<b>Slit knife 2.4 mm angled double bevel</b>	■ A = 2.4 mm, B = 2.5 mm.	6
<b>LP7550A</b>	<b>Slit knife 2.5 mm angled bevel up</b>	■ A = 2.5 mm, B = 3.3 mm.	6
<b>LP7551A</b>	<b>Slit knife 2.65 mm angled bevel up</b>	■ A = 2.65 mm, B = 3.7 mm.	6
<b>LP7551ADB</b>	<b>Slit knife 2.65 mm angled double bevel</b>	■ A = 2.65 mm, B = 2.8 mm.	6
<b>LP7559A</b>	<b>Slit knife 2.75 mm angled bevel up</b>	■ A = 2.75 mm, B = 3.4 mm.	6
<b>LP7552ADB</b>	<b>Slit knife 2.8 mm angled double bevel</b>	■ A = 2.8 mm, B = 3.2 mm.	6
<b>LP7553A</b>	<b>Slit knife 2.85 mm angled bevel up</b>	■ A = 2.85 mm, B = 3.5 mm.	6
<b>LP7556A</b>	<b>Slit knife 3.0 mm angled bevel up</b>	■ A = 3.0 mm, B = 3.6 mm.	6
<b>LP7557A</b>	<b>Slit knife 3.2 mm angled bevel up</b>	■ A = 3.2 mm, B = 3.2 mm.	6
			
<b>SUB7548ADB</b>	<b>Slit knife 2.2 mm angled double bevel</b>	■ B = 2.2 mm, C = 2.7 mm.	12
<b>SUB7549ADB</b>	<b>Slit knife 2.4 mm angled double bevel</b>	■ B = 2.4 mm, C = 2.9 mm.	12
<b>SUB7559A</b>	<b>Slit knife 2.75 mm angled bevel up</b>	■ B = 2.75 mm, C = 3.3 mm.	12
<b>SUB7552ADB</b>	<b>Slit knife 2.8 mm angled double bevel</b>	■ B = 2.8 mm, C = 3.4 mm.	12
<b>SUB7553A</b>	<b>Slit knife 2.85 mm angled bevel up</b>	■ B = 2.85 mm, C = 3.4 mm.	12
<b>SUB7556A</b>	<b>Slit knife 3.0 mm angled bevel up</b>	■ B = 3.0 mm, C = 3.6 mm.	12
<b>SUB7557A</b>	<b>Slit knife 3.2 mm angled bevel up</b>	■ B = 3.2 mm, C = 3.9 mm.	12

## STAB KNIVES



LP7515

**Stab knife 15 degree**

■ A = 15°, B = 1.6 mm, C = 11.0 mm.

6

LP7522

**Stab knife 22.5 degree**

■ A = 22.5°, B = 1.6 mm, C = 11.0 mm.

6

LP7530

**Stab knife 30 degree**

■ A = 30°, B = 1.6 mm, C = 11.0 mm.

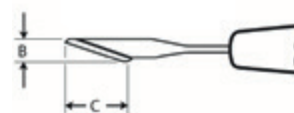
6

LP7545

**Stab knife 45 degree**

■ A = 45°, B = 1.8 mm, C = 11.0 mm.

6



SUB7515

**Stab knife 15 degree**

■ B = 1.5 mm, C = 4.9 mm.

12

SUB7522

**Stab knife 22.5 degree**

■ B = 1.65 mm, C = 3.7 mm.

12

SUB7530

**Stab knife 30 degree**

■ B = 1.8 mm, C = 2.9 mm.

12

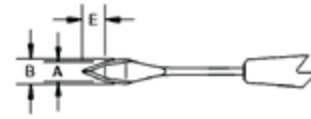
SUB7545

**Stab knife 45 degree**

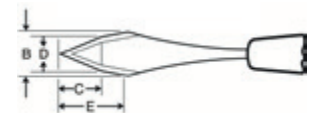
■ B = 1.9 mm, C = 1.8 mm.

12

TRAPEZOIDAL KNIVES



<b>LP7599</b>	<b>Trapezoidal knife 1.5 - 1.7 mm angled</b>	■ A = 1.5 mm, B = 1.7 mm, E = 2.20 mm.	<b>6</b>
<b>LP7596</b>	<b>Trapezoidal knife 1.5 - 2.0 mm angled</b>	■ A = 1.5 mm, B = 2.0 mm, E = 2.0 mm.	<b>6</b>
<b>LP7600</b>	<b>Trapezoidal knife 1.6 - 1.8 mm angled</b>	■ A = 1.6 mm, B = 1.8 mm, E = 2.0 mm.	<b>6</b>
<b>LP7603</b>	<b>Trapezoidal knife 1.8 - 2.2 mm angled</b>	■ A = 1.8 mm, B = 2.2 mm, E = 2.0 mm.	<b>6</b>
<b>LP7601</b>	<b>Trapezoidal knife 2.0 - 2.2 mm angled</b>	■ A = 2.0 mm, B = 2.2 mm, E = 2.29 mm.	<b>6</b>
<b>LP7582</b>	<b>Trapezoidal knife 2.85 - 3.2 mm angled</b>	■ A = 2.85 mm, B = 3.2 mm, E = 2.0 mm.	<b>6</b>



<b>SUB7599</b>	<b>Trapezoidal knife 1.5 - 1.7 mm angled</b>	■ B = 1.7 mm, C = 1.9 mm, D = 1.5 mm, E = 3.0 mm.	<b>12</b>
<b>SUB7596</b>	<b>Trapezoidal knife 1.5 - 2.0 mm angled</b>	■ B = 2.0 mm, C = 1.6 mm, D = 1.5 mm, E = 2.7 mm.	<b>12</b>
<b>SUB7600</b>	<b>Trapezoidal knife 1.6 - 1.8 mm angled</b>	■ B = 1.8 mm, C = 1.4 mm, D = 1.6 mm, E = 2.6 mm.	<b>12</b>
<b>SUB7601</b>	<b>Trapezoidal knife 2.0 - 2.2 mm angled</b>	■ B = 2.2 mm, C = 1.9 mm, D = 2.0 mm, E = 3.0 mm.	<b>12</b>

## MVR KNIVES



LP7519

**19 gauge MVR blade**

■ A = 1.37 mm.

6

LP7520

**20 gauge MVR blade**

■ A = 1.2 mm.

6

## SIDEPORT KNIVES



LP7593

**Arrow knife 0.8 mm angled**

■ A = 0.8 mm.

6

LP7592

**Arrow knife 1.1 mm angled**

■ A = 1.1 mm.

6

# CANNULAS



## CANNULAS

82020S

Corneal Irrigator

60

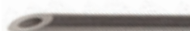


- Made of plastic.
- 33.0 mm.
- Packaged single.

ED7131

Retrobulbar Needle, 23GA

10

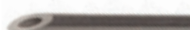


- Atkinson style bevel.
- 23GA.
- Overall length excluding hub: 38.0 mm.

ED7132

Peribulbar Needle, 23GA

10



- Atkinson style bevel.
- 23GA.
- Overall length excluding hub: 32.0 mm.

ED7133

Retrobulbar Needle, 25GA

10



- Atkinson style bevel.
- 25GA.
- Overall length excluding hub: 38.0 mm.

ED7134

Peribulbar Needle, 25GA

10



- Atkinson style bevel.
- 25GA.
- Overall length excluding hub: 32.0 mm.

ED7135

Retrobulbar Needle, 25GA

10



- 25GA.
- Overall length excluding hub: 38.0 mm.



## CANNULAS

ED7101

**Anterior Chamber Needle, 20GA, 8.0 mm**

10



- 20GA.
- 8.0 mm Angled.
- Overall length excluding hub: 25.0 mm.

ED7102

**Anterior Chamber Needle, 23GA, 8.0 mm**

10



- 23GA.
- 8.0 mm Angled.
- Overall length excluding hub: 22.0 mm.

ED7103

**Anterior Chamber Needle, 25GA, 8.0 mm**

10



- 23GA.
- 8.0 mm Angled.
- Overall length excluding hub: 22.0 mm.

ED7104

**Anterior Chamber Needle, 27GA, 8.0 mm**

10



- 27GA.
- 8.0 mm Angled.
- Overall length excluding hub: 21.0 mm.

ED7105

**Anterior Chamber Needle, 30GA, 5.0 mm**

10



- 30GA.
- 5.0 mm Angled.
- Overall length excluding hub: 21.0 mm.

## CANNULAS

ED7112

**Cystotome Irrigating, 23GA, formed**

10



- Formed irrigating cystotome, 23GA.
- Overall length excluding hub: 16.0 mm.

ED7113

**Cystotome Irrigating, 25GA, formed**

10



- Formed irrigating cystotome, 25GA, with 12.0 mm curved tip.
- Overall length excluding hub: 16.0 mm.

ED7114

**Cystotome Irrigating, 25GA, short radius, formed**

10



- Short 8.0 mm.
- Curved tip.
- Overall length excluding hub: 16.0 mm.

ED7115

**Cystotome Irrigating, 27GA, short radius, formed**

10

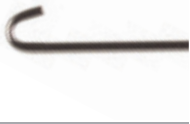


- Short 8.0 mm.
- Curved tip.
- Overall length excluding hub: 16.0 mm.

## CANNULAS

**ED7154S Hydrodissection Cannula, 25GA, straight J shaped**

10



- Hydrodissection/Aspiration Cannula. 25GA.
- Straight with J-Tip.
- J-shaped tip allows aspiration and irrigation at the 12 o'clock position.
- Tip: 1.5 × 1.75 mm. Overall length excluding hub: 22.0 mm.

**ED7155 Hydrodissection Cannula, 25GA, angled flat tip**

10



- Nucleus Hydrodissection Cannula. 25GA.
- Angled with flattened tip.
- 7.0 mm angled shaft with flattened tip for insertion under the capsular flap.
- Overall length excluding hub: 21.0 mm.

**ED7153 Silicone Capsule Polisher, 27GA**

10



- Silicone cap to provide squeegee effect.
- Overall length excluding hub: 22.0 mm.

**ED7182 Viscoelastic Cannula, 27GA**

10



- 27GA.
- Angled.
- 7.0 mm angled tip cannula with unique hub that facilitates flow of viscoelastic material.
- Overall length excluding hub: 24.5 mm.

# TREPHINES



TREPHINES



**E3050 6.0G**

**Tanne Universal Trephine**

1

- 6.0 mm Ø.
- Sterile, For handle E3050 H.

**E3050 8.5G**

**Tanne Universal Trephine**

1

- 8.5 mm Ø.
- Sterile, For handle E3050 H.

**E3050 6.25G**

**Tanne Universal Trephine**

1

- 6.25 mm Ø.
- Sterile, For handle E3050 H.

**E3050 8.75G**

**Tanne Universal Trephine**

1

- 8.75 mm Ø.
- Sterile, For handle E3050 H.

**E3050 6.5G**

**Tanne Universal Trephine**

1

- 6.5 mm Ø.
- Sterile, For handle E3050 H.

**E3050 9.0G**

**Tanne Universal Trephine**

1

- 9.0 mm Ø.
- Sterile, For handle E3050 H.

**E3050 6.75G**

**Tanne Universal Trephine**

1

- 6.75 mm Ø.
- Sterile, For handle E3050 H.

**E3050 9.25G**

**Tanne Universal Trephine**

1

- 9.25 mm Ø.
- Sterile, For handle E3050 H.

**E3050 7.0G**

**Tanne Universal Trephine**

1

- 7.0 mm Ø.
- Sterile, For handle E3050 H.

**E3050 7.25G**

**Tanne Universal Trephine**

1

- 7.25 mm Ø.
- Sterile, For handle E3050 H.

**E3050 7.5G**

**Tanne Universal Trephine**

1

- 7.5 mm Ø.
- Sterile, For handle E3050 H.

**E3050 7.75G**

**Tanne Universal Trephine**

1

- 7.75 mm Ø.
- Sterile, For handle E3050 H.

**E3050 8.0G**

**Tanne Universal Trephine**

1

- 8.0 mm Ø.
- Sterile, For handle E3050 H.

**E3050 8.25G**

**Tanne Universal Trephine**

1

- 8.25 mm Ø.
- Sterile, For handle E3050 H.

## TREPINES

**E3096 6.0G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 6.0 mm Ø. ■ 9.0 mm.

**E3096 6.2G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 6.25 mm Ø. ■ 9.0 mm.

**E3096 6.5G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 6.5 mm Ø. ■ 9.0 mm.

**E3096 6.7G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 6.75 mm Ø. ■ 9.0 mm.

**E3096 7.0G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 7.0 mm Ø. ■ 9.0 mm.

**E3096 7.2G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 7.25 mm Ø. ■ 9.0 mm.

**E3096 7.5G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 7.5 mm Ø. ■ 9.0 mm.

**E3096 7.7G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 7.75 mm Ø. ■ 9.0 mm.

**E3096 8.0G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 8.0 mm Ø. ■ 9.0 mm.

**E3096 8.2G****Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 8.25 mm Ø. ■ 9.0 mm.

**E3096 6.0LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 6.0 mm Ø. ■ 15.0 mm.

**E3096 6.2LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 6.25 mm Ø. ■ 15.0 mm.

**E3096 6.5LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 6.5 mm Ø. ■ 15.0 mm.

**E3096 6.7LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 6.75 mm Ø. ■ 15.0 mm.

**E3096 7.0LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 7.0 mm Ø. ■ 15.0 mm.

**E3096 7.2LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 7.25 mm Ø. ■ 15.0 mm.

**E3096 7.5LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 7.5 mm Ø. ■ 15.0 mm.

**E3096 7.7LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 7.75 mm Ø. ■ 15.0 mm.

**E3096 8.0LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 8.0 mm Ø. ■ 15.0 mm.

**E3096 8.2LG****Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 8.25 mm Ø. ■ 15.0 mm.

TREPHINES



**E3096 8.5G**

**Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 8.5 mm Ø. ■ 9.0 mm.

**E3096 8.5LG**

**Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 8.5 mm Ø. ■ 15.0 mm.

**E3096 8.7G**

**Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 8.75 mm Ø. ■ 9.0 mm.

**E3096 8.7LG**

**Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 8.75 mm Ø. ■ 15.0 mm.

**E3096 9.0G**

**Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 9.0 mm Ø. ■ 9.0 mm.

**E3096 9.0LG**

**Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 9.0 mm Ø. ■ 15.0 mm.

**E3096 9.2G**

**Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 9.25 mm Ø. ■ 9.0 mm.

**E3096 9.2LG**

**Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 9.25 mm Ø. ■ 15.0 mm.

**E3096 9.5G**

**Trephine Blade**

1

- Sterile, For holder E3095 or punch E3097.
- 9.5 mm Ø. ■ 9.0 mm.

**E3096 9.5LG**

**Trephine Blade, long model**

1

- Long. Sterile, For holder E3095 or punch E3097.
- 9.5 mm Ø. ■ 15.0 mm.



# MISCELLANEOUS



## PROTECTORS, SHIELDS, HOLDERS

E5699

**Crouch Corneal Protector, adult**

10



- Developed for oculoplastic procedures for corneal and scleral protection.
- Dimensions enable protector to rest on the sclera and not on the cornea.
- Easily removed with the SUE05-12 Pierse Tying Forceps.
- Dimensions: 23.5 mm × 25.8 mm.

E5699 P

**Crouch Corneal Protector, pediatric**

10



- Developed by Dr. Earl Crouch for pediatric oculoplastic procedures for corneal and scleral protection.
- Dimensions enable protector to rest on the sclera and not the cornea.
- Easily removed with the SUE05-12 Pierse Tying Forceps.
- Dimensions: 17.0 mm diameter.

93100S

**Böhnke Donor Cornea Holder**

10



- The Böhnke Donor Cornea Holder is used for holding the donor cornea during cornea storage in cell culture medium.

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## CANNULAS

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## CONTACTS

### Benelux

The Netherlands  
Tel. +31 20 20 35 401  
Fax +31 20 20 35 402

Belgium - Luxembourg  
Tel. +32 3 280 82 40  
Fax +32 3 280 82 59

### Czech Republic

Tel. +420 234 719 601  
Fax +420 234 719 619

### France

Tel. +33 4 67 12 30 30  
Fax +33 4 67 12 30 31

### Germany, Switzerland and Austria

Tel. +49 30 33093-0  
Fax +49 30 33093-201

### Greece

Tel. +30 1 674 8170  
Fax +30 1 674 8234

### Italy

Tel. +39 039 20731  
Fax +39 039 2010081

### Middle East

Tel. +971 4 706 5900  
Fax +971 4 399 5964

### North Africa

Tel. +971 4 706 5901

### Nordic Countries

Tel. +46-8-616-9500  
Fax +46-8-669-8623

### Poland

Tel. +48 (22) 627 28 88  
Fax +48 (22) 627 28 89

### Portugal

Tel. +351 21 4241425  
Fax +351 214 241 519

### Russia

Tel. +7 495 510 2879 0  
Office.ru@valeant.com

### South Africa

Tel. +27 11 259 2600  
Fax +27 11 259 2650

### Spain

Tel. +34 91 657 6300  
Fax +34 902 250 300

### Turkey

Tel. +90 2123718200  
Fax +90 2122830330

### Ukraine

Tel. +38 044 459 0484  
Fax +38 044 459 0484

### United Kingdom

Tel. +44 845 6022 350  
Fax +44 20 8781 2901

### Bausch + Lomb GmbH

Im Schuhmachergewann 4  
69123 Heidelberg, Germany

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