



# SINGLE-USE PRODUCTS



**STERILE**

**AFFORDABLE  
INNOVATIONS**

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**RUMEX** best-selling instruments are now available in a single-use edition.

Doctors around the world choose to perform the surgeries using RUMEX single-use instruments because they are:

**SAFE.** Single-use instruments eliminate the risk of cross-contamination;

**RELIABLE.** High-quality stainless steel and heat-resistant plastics are used in production;

**COST-EFFECTIVE.** No additional expenses on sterilizing equipment and repairs needed; considerably reduced price due to the composition of materials.

The range of RUMEX single-use instruments is designed to assist surgeons in various procedures on both anterior and posterior segments of the eye. The most commonly used items are available from stock.

**SAFE. RELIABLE. COST-EFFECTIVE.**



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## HYDROPHOBIC IOLs

### AquaFree Yellow Aspheric Hydrophobic\*

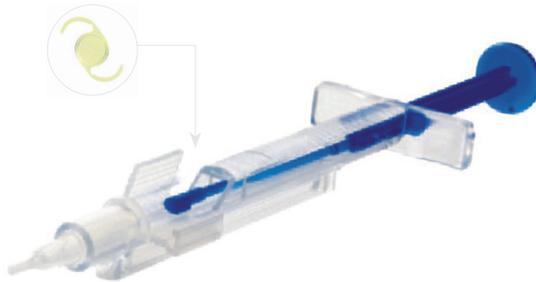
POPULAR

Min. incision size	2.2 mm
Power range	0 ..+30D
Overall diameter	13.0 mm
Optic diameter	6.0 mm
Self-unfolding	Yes
Water content	<0.5%
Angulation	0°
Material	Natural Yellow Hydrophobic Acrylic
Refractive index	1.5
A-constant	118.7
UV Filter	Yes
Shelf life	5 years



### AquaFree Yellow Preloaded\*

AquaFree Yellow Aspheric Hydrophobic IOL is also available preloaded in the Accuject™ injection system. Push-type injector allows implantation within less than 5 seconds.



### Advantages

- Increased contrast sensitivity
- Easy to inject, excellent folding and unfolding ability
- Not tacky – lens does not stick to itself or instruments
- No spherical aberrations



Minimized glare and unwanted images

# COMING SOON\*

## HYDROPHILIC IOLs

### Hydro-SOFT Clear & Hydro-SOFT Yellow

Clear and Natural Yellow aspheric monofocal single-piece hydrophilic acrylic foldable IOLs



- No spherical aberrations – minimized glare and unwanted images
- Angulation 5° – reduced risk of secondary cataract development
- Double square edge – no posterior capsule opacification caused by cellular migration
- Manufactured by the lathe-cut (LC) method – no glistenings

### Hydro-Flex PLUS

Negative aspheric monofocal single-piece hydrophilic acrylic foldable IOL in a set with an injector



- Provides enhanced contrast sensitivity
- Better performance of visual acuity
- 360° Posterior square edge – reduced risk of PCO\*\*
- Anterior round edged polishing helps to avoid glares
- Dual haptic design ensures better stability and centration

Supplied in a set with a single-use IOL delivery system SmartJect

## HYDROPHOBIC IOLs

### Eco-Flex Preloaded

Yellow aspheric monofocal single-piece hydrophobic acrylic foldable preloaded IOL



- Filters out UV and harmful blue light – better protection of macula
- 360° Square Edge – mechanical barrier for cell migration, no risk of PCO\*\*
- Low glass transition temperature (8°C) keeps the lens flexible at lower temperatures
- Low refractive index of 1.47 and high Abbe number of 55 ensure better optical clarity and visual performance
- Better adhesiveness to the capsule

Supplied preloaded in a single-use IOL delivery system SmartJect

\* Products in the process of development and certification

\*\* Posterior Capsule Opacification

Product design and/or features that do not influence its functionality and main parameters are subject to change.

## DISPERSIVE OVDs

### SUPREME\*

POPULAR

#### Ophthalmic Viscosurgical Device

Supreme is a dispersive viscoelastic solution of low molecular weight, highly purified grade of hydroxypropyl methylcellulose (HPMC) 2%, clear, isotonic, sterile, non-inflammatory and non-pyrogenic in nature. It is used for intraocular injection during anterior segment surgery.

#### Physico-chemical properties

Type	Dispersive
Material	2% HPMC
Molecular weight	86 000 Da
Viscosity	3000-4500 cSt
pH	6.0-7.8
Osmolality	250-350 mOsmol/kg
Volume	2 ml
Shelf Life	3 years

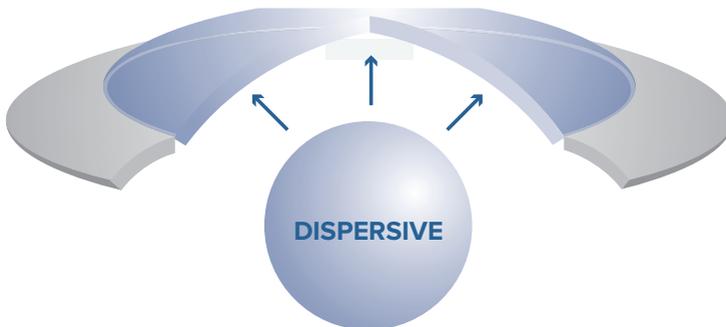
#### Advantages

- highly dispersive
- the best endothelial protection
- easy removal
- completely transparent
- no refrigeration necessary
- easy transportation and storage (2-35 °C)

#### Dispersive Solution

**Supreme** is used to:

- coat ocular structures during cataract surgery: in the initial part, during capsulorhexis and phacoemulsification, and during ultrasound
- protect corneal endothelium in an eye where endothelium pathology is suspected



## COHESIVE OVDs

### SMARTVISC / SMARTVISC PLUS\* Ophthalmic Viscosurgical Device

SmartVisc and SmartVisc Plus are cohesive viscoelastic solutions of high molecular weight used for intraocular injection during anterior segment surgery of the eye.

#### Physico-chemical properties

	SmartVisc	SmartVisc PLUS
Composition	Sodium Hyaluronate 1.6 %	Sodium Hyaluronate 3.0 %
Molecular Weight	1.2–2.0 m Da	1.0–1.8 m Da
Viscosity	approx. 80 000 mPas	approx. 400 000 mPas
Osmolality	270–400 mOsmol/kg	
Storage	2–25°C	
pH	6.8–7.4	
Volume	1.00 ml	
Shelf Life	3 ½ years	

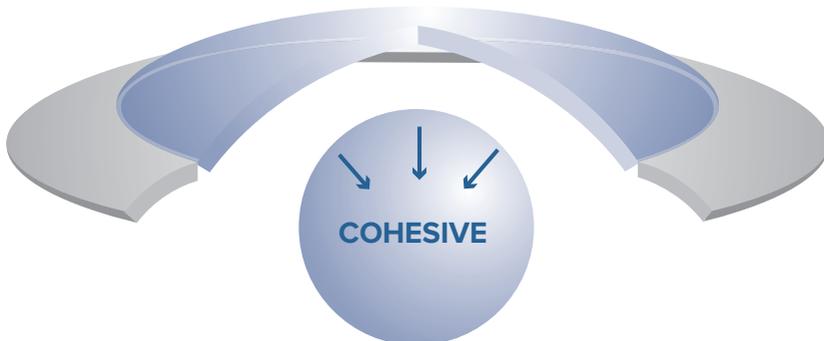
#### Advantages

- no refrigeration necessary
- good maintenance of anterior chamber depth and the capsular bag
- controlled capsulorhexis
- easy implantation
- better adhesiveness on the corneal endothelium during phacoemulsification
- favorable environment to ophthalmic surgery
- excellent protection against mechanical damages
- steam sterilized

#### Cohesive Solution

**SmartVisc** is used to:

- maintain space and pressure in the eye
- keep the empty capsular bag open for IOL insertion
- support the anterior chamber and flatten the anterior capsule
- dilate small pupils
- dissect areas of adhesion



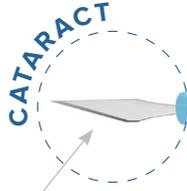
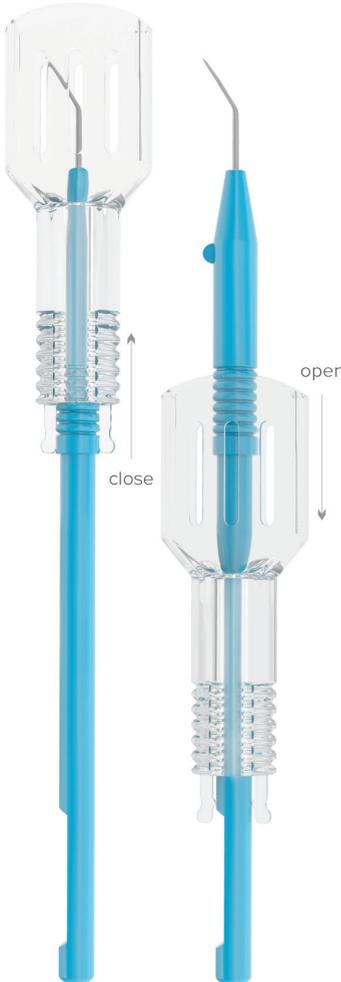
\*Not for sale in the US

Product design and/or features that do not influence its functionality and main parameters are subject to change.

# DISPOSABLE KNIVES

## HIGH PRECISION DISPOSABLE KNIVES WITH SAFETY SYSTEM

All knives are equipped with safety function lids

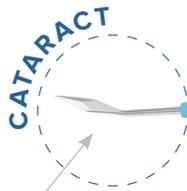


### Side-Port Knives

initial stab incisions  
**double bevel, straight**  
 SP-15 1.00 mm, 15°  
 SP-30 1.00 mm, 30°  
 SP-45 1.00 mm, 45°

**POPULAR**

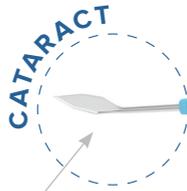
Exquisite sharpness for effortless penetration and withdrawal.



### Paracentesis Knives

paracentesis/side port incisions  
**double bevel, angled**  
 PK-11 1.10 mm

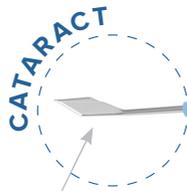
Angled option of paracentesis knife helps to avoid blocking the spot of intended incision.



### Trapezoidal Knives

tunnel incisions  
**single bevel, angled**  
 TR-10 1.20-1.40 mm  
 TR-17 1.50-1.70 mm

Absolutely smooth surface and anti-glare coating ensures the maximal Intraoperative comfort.



### Slit Knives

scleral tunnel incisions  
**single bevel, angled**  
 SL-22 2.20 mm  
 SL-24 2.40 mm  
 SL-26 2.65 mm  
 SL-27 2.75 mm  
 SL-28 2.80 mm  
 SL-32 3.20 mm

**POPULAR**

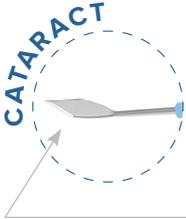
**POPULAR**

**POPULAR**

Optimal design of cutting edges allows for performance of watertight corneal incisions.

# DISPOSABLE KNIVES

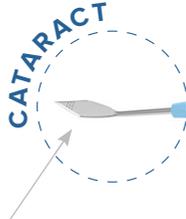
6 BOX  
EACH



## Clear Corneal Knives

clear cornea incisions  
**double bevel, angled**  
 CC-22 2.20 mm **POPULAR**  
 CC-24 2.40 mm  
 CC-26 2.65 mm  
 CC-27 2.75 mm **POPULAR**  
 CC-30 3.00 mm

Ultra-thin profile reduces penetration force and contributes to re-epithelization.



## Clear Corneal Knives with Depth Indicators

tunnel incisions  
**double bevel, angled**  
 CCD-22 2.20 mm  
 CCD-24 2.40 mm  
 CCD-26 2.65 mm  
 CCD-27 2.75 mm

1.50 and 1.75 mm depth indicators of CCD-22 and 1.50, 1.75, 2.00 mm of CCD-24, CCD-26, CCD-27 ensure controlled diving.



## Crescent Knives

lamellar dissections/flap formation  
**single bevel, angled**  
 CR-20 2.00 mm **POPULAR**

Facet-free blade for smooth flap formation.

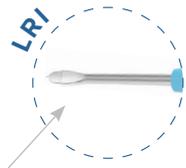


## MVR Knives

posterior segment penetration/  
side port incisions  
**multifacet**  
 VRS-19 19 Ga, **straight**  
 VRS-20 20 Ga, **straight**  
 VRS-23 23 Ga, **straight**  
 VRA-19 19 Ga, **angled**  
 VRA-20 20 Ga, **angled**  
 VRA-23 23 Ga, **angled**

Promotes safe and easy sclerotomy for vitreoretinal procedures.

**POPULAR**



## Pre-Set Knives

groove making/limbal relaxing incisions  
**multifacet**  
 PD-60 600 µm depth

Pre-set style blade allows for fixed cutting depth of 600 microns and clear view of patient's cornea.

# DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

## IOL CARTRIDGES

### Disposable Cartridge for IOL Injector\*

Used with RUMEX reusable IOL Injector 16-2853

**CAT-22** for 2.2 mm incision

**CAT-24** for 2.4 mm incision

**CAT-26** for 2.6 mm incision



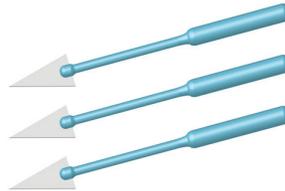
20  
PER  
BOX

## EYE SPEARS

### PVA Spears\*\*

Compressed lint-free PVA spears ideal for controlling and absorbing fluid in and around the orbital area during cataract and refractive procedures

R2-40405



180  
PER  
BOX

## IRIS RETRACTORS

Safe and comfortable dilation and fixation of a rigid pupil.

### Disposable Iris Retractors\*\*

Strong yet flexible polypropylene hook for mechanical iris dilation  
Vertical orientation for easy handling

4  
PER  
BOX

10-5016-1

5  
PER  
BOX

10-5067-1



## BIMANUAL I/A HANDPIECES

### Disposable Set of I/A Handpieces for Bimanual Technique\*\*

**NEW**

Lightweight, color-coded handpieces.

Delicate tips allow easy access to all parts of the capsule and may be introduced through any side-port incision.

Aspiration – single port 0.35 mm

Irrigation – double port 0.40 mm

**7-0821D** 21 Ga 5 sets per box

**7-0823D** 23 Ga 5 sets per box

**Aspiration**



**Irrigation**

\*Not for sale in the US and Europe

\*\*Not for sale in Europe

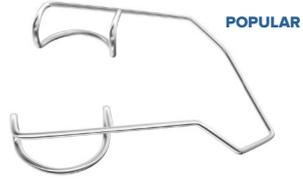
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# DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

## SPECULUMS

**Disposable Barraquer Wire Speculum  
Adult Size**

14-022D

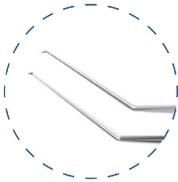


6  
PER  
BOX

## FORCEPS

Perfectly aligned tips make every surgical manipulation safe and easy.

6  
PER  
BOX

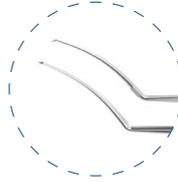


**Utrata Capsulorhexis  
Forceps**

Cystotome tips  
Straight

4-0311D

POPULAR



**Utrata Capsulorhexis  
Forceps**

Cystotome tips  
Curved

4-0331D

POPULAR



**Bonn-Catalano Corneal  
Forceps**

0.12 mm, 1x2 Teeth  
Straight

4-0551D



**Castroviejo Suturing  
Forceps**

0.12 mm, 1x2 teeth  
Straight

4-0600D

POPULAR



**McPherson Tying  
Forceps**

Angled

4-174D

POPULAR



**McPherson Tying  
Forceps**

Curved

4-177D

POPULAR

# DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

## SCISSORS

Unique blade sharpening technology allows controlled cutting of various tissues with minimal pressure applied.



**Castroviejo  
Universal  
Corneal  
Scissors**

Blunt tips

11-012D



**Westcott  
Tenotomy  
Scissors**

Blunt tips

11-040D

POPULAR



**Vannas  
Capsulotomy  
Scissors**

Sharp tips

11-052D

POPULAR

## MANIPULATORS

Premium quality stainless steel ensures stiffness and flexibility of the working part.



**Spatula for Femtosecond  
Laser Procedure**

20-204D



**Nagahara Phaco Chopper**

RHD

7-063D

POPULAR



**Kuglen Iris Hook**

Angled

5-030D



**Rosen Phaco Chopper**

Universal

7-065D

POPULAR



**Sinskey Hook**

Angled

5-032D



**Drysdale Nucleus  
Manipulator**

Universal

7-093D



**Lester Lens Manipulator**

Angled

5-0331D

POPULAR

# DISPOSABLE CANNULAS ANTERIOR SEGMENT\*

## ANTERIOR CHAMBER CANNULAS, RYCROFT

Used for maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications.

**21-R2023** 23 Ga x 22 mm  
**21-R2030** 30 Ga x 22 mm

**21-R2027-8** 27 Ga x 22 mm

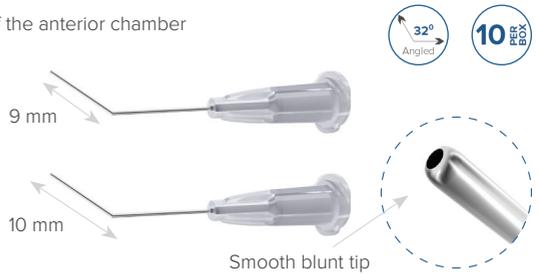


## VISCOELASTIC CANNULAS

Used for injecting viscoelastic to all meridians of the anterior chamber and to coat the intraocular lens.

**21-R2225** 25 Ga x 22 mm  
**21-R2227** 27 Ga x 22 mm | **POPULAR**

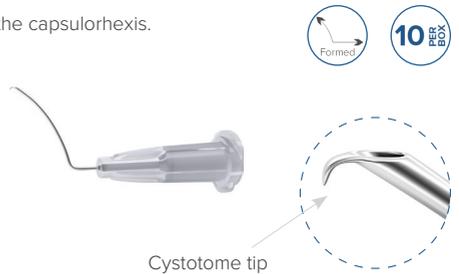
**21-R2327** 27 Ga x 22 mm | **POPULAR**



## IRRIGATING CYSTOTOMES, PEARCE

Provides an easier access to the anterior capsule during the capsulorhexis.

**21-R3027** 27 Ga x 16 mm



\* Not for sale in Europe

Product design and/or features that do not influence its functionality and main parameters are subject to change.

# DISPOSABLE CANNULAS ANTERIOR SEGMENT\*

## HYDRODISSECTION CANNULAS

Used for easy placement under the anterior capsule to deliver fluids to facilitate the separation of the cortex from the nucleus and capsule.



### Hydrodissector, Pearce

**21-R4025** 25 Ga x 22mm **POPULAR**



8 mm

### Hydrodissector, Pearce

**21-R4027** 27 Ga x 22mm **POPULAR**



10 mm

### Hydrodissector

**21-R4427** 27 Ga x 22 mm



10 mm

Spatulated tip

Smooth blunt tip

## CANNULAS FOR ANESTHESIA

Used for easy placement under the anterior capsule to deliver fluids to facilitate the separation of the cortex from the nucleus and capsule.



### Retrobulbar Needle, Atkinson

For injecting anesthetic agents into the muscle cone.

**21-R1125** 25 Ga x 38 mm **POPULAR**



Sharp beveled tip

### Sub-Tenon's Cannula

For administering anesthetic agents into the posterior Sub-Tenon's space.

**21-R1320** 20 Ga x 25 mm



Gently Curved  
Flattened tip



# DISPOSABLE CANNULAS ANTERIOR SEGMENT\*

## LACRIMAL INTUBATION AND DACRYOCYSTORHINOSTOMY (DCR)

Designed for surgical treatment, repair and irrigation of the nasolacrimal system.



**Lacrimal Intubation Set**  
**21-R7004** 27 Ga x 110 mm



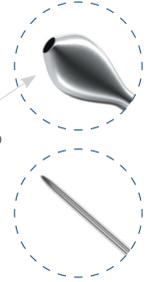
35 cm silicone tubing

**21-R7004RD** 27 Ga x 110 mm,  
 With Retrieval Device



Retrieval Device

Olive Tip



**Lacrimal Intubation Set**  
**21-R7001** 23 Ga x 175 mm



30 cm silicone tubing

**DCR Set**  
**21-R7011** 20 Ga x 45 mm,  
 Straight  
**21-R7012** 20 Ga x 45 mm,  
 Angled (shown)



30 cm silicone tubing



**Lacrimal Intubation Tubing**  
**21-R7002**



30 cm silicone tubing

## LACRIMAL CANNULA

Used for probing and irrigating the lacrimal duct.



**21-R7026** 26 Ga x 28 mm



Smooth blunt tip



## LASIK CANNULA, LINDSTROM

Used after ablation to wash away particulates from anterior and posterior sides of the flap and stromal bed.



3 ports  
**21-R7430** 25 Ga x 25 mm



3 ports



\* Not for sale in Europe

Product design and/or features that do not influence its functionality and main parameters are subject to change.

# DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

## STAINLESS STEEL FORCEPS AND SCISSORS

All stainless steel instruments are manufactured as an integral tool with an intact inner spring mechanism that provides for precise performance and instant tactile control.

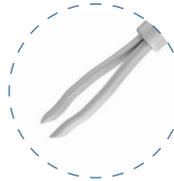
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ER  
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### ILM

#### Eckardt End-Gripping Forceps

**12-410-23D** 23 Ga **POPULAR**  
**12-410-25D** 25 Ga **POPULAR**



### ILM

#### End-Grasping Forceps

**12-420-23D** 23 Ga  
**12-420-25D** 25 Ga



### ERM

#### Gripping Forceps

With a "crocodile" platform

**12-304-23D** 23 Ga **POPULAR**  
**12-304-25D** 25 Ga **POPULAR**



### ERM

#### Gripping Forceps

**12-301-23D** 23 Ga  
**12-301-25D** 25 Ga



### Pick Forceps

**12-325-23D** 23 Ga  
**12-325-25D** 25 Ga



### Curved Scissors

**12-209-23D** 23 Ga **POPULAR**  
**12-209-25D** 25 Ga **POPULAR**

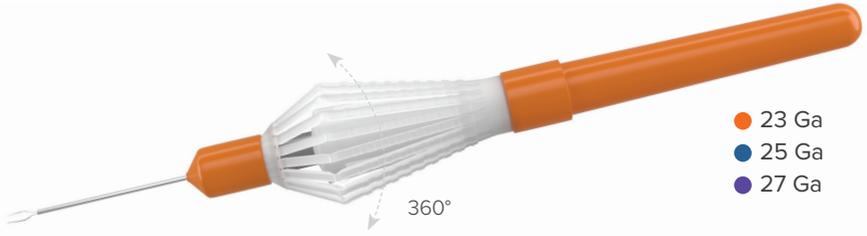
# DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

## SCISSORS AND FORCEPS WITH PLASTIC HANDLE\*

360° handle design incorporates a unique rotatability, convenience, and actuation.

**NEW**

6 件装



The instrument's weight is less than 8 grams.

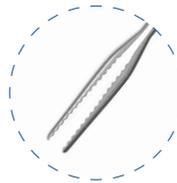
Lightweight plastic ergonomic handle especially valuable during hours-long surgeries.



### ILM

#### Eckardt End-Gripping Forceps

- 12-410-23DP 23 Ga
- 12-410-25DP 25 Ga
- 12-410-27DP 27 Ga



### ERM

#### Gripping Forceps

With a "crocodile" platform

- 12-304-23DP 23 Ga
- 12-304-25DP 25 Ga
- 12-304-27DP 27 Ga



#### Curved Scissors

- 12-209-23DP 23 Ga
- 12-209-25DP 25 Ga
- 12-209-27DP 27 Ga



#### Straight Scissors

- 12-211-23DP 23 Ga
- 12-211-25DP 25 Ga
- 12-211-27DP 27 Ga



#### Vertical Scissors

- 12-202-23DP 23 Ga
- 12-202-25DP 25 Ga

\*Not for sale in the US and Europe

Product design and/or features that do not influence its functionality and main parameters are subject to change.

# DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

## DIAMOND DUSTED RETRACTABLE ILM ELEVATORS\*

Used to elevate membrane edge during vitreoretinal surgery.

**NEW**

5 BOX  
ELEVATORS



**12-7523**  
**12-7525**

23 Ga  
25 Ga

Diamond dusted soft silicone tip is safe for retinal surface and provides an extreme grip.

Retractable version enables easy insertion through the trocar valves.

## BACKFLUSH INSTRUMENTS\*

One-piece instrument combines a handle and a soft, brush or blunt tip cannula. The set comes with two connectors for active and passive aspiration. Used for intraocular fluids and debris aspiration during vitreoretinal surgery.

**NEW**

6 BOX  
INSTRUMENTS

- 23 Ga
- 25 Ga
- 27 Ga



with Silicone Brush Tip

**12-5162H**  
**12-5160H**  
**12-5167H**

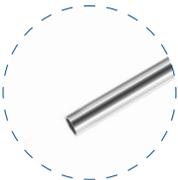
23 Ga x 34 mm  
25 Ga x 34 mm  
27 Ga x 34 mm



with Blunt Tip

**12-5164H**  
**12-5156H**  
**12-5492H**

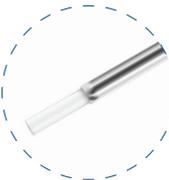
23 Ga x 34 mm  
25 Ga x 34 mm  
27 Ga x 34 mm



with Silicone Soft Tip

**12-5161H**  
**12-5152H**  
**12-5491H**

23 Ga x 34 mm  
25 Ga x 34 mm  
27 Ga x 34 mm



# DISPOSABLE TROCAR SYSTEMS

## One Step Trocar System\*

Disposable Trocar Systems with closure valves



Package includes:

- Trocar knife with preloaded trocar cannula – 3 pcs
- Self-sealing trocar cannula (preloaded) – 3 pcs
- Universal infusion line – 1 pc

12-5229 ●

12-5244 ●

12-5227 ●



### Sharp MVR Blade

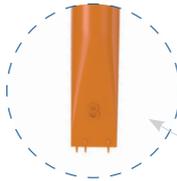
Sharp MVR blade helps to create a smooth incision and provides for low-pressure insertion and superior sealing.



### Trocar Cannulas

The innovative beveled design of the cannula ensures unstoppable smooth trocar insertion.

Removable self-sealing silicone valves ensure maintenance of the desired intraocular pressure (IOP) throughout the case and eliminate the need for plugs and instrument exchanges during plug placement and removal.



### Trocar Cannula Inserter

The tip of the plastic handle serves as a caliper/scleral marker. (2 dimensions: 3 and 4 mm)

### Universal Infusion Line for BSS



\*Not for sale in Europe

Product design and/or features that do not influence its functionality and main parameters are subject to change.

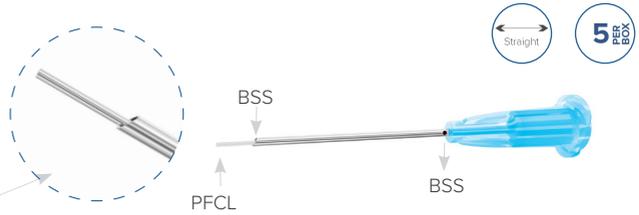
# DISPOSABLE VITREORETINAL CANNULAS\*

## DUAL BORE CANNULA

Simultaneous infusion of PFC and passive egress of BSS

- 12-5203** 23 Ga x 33 mm
- 12-5205** 25 Ga x 33 mm

Dual Bore tip



## CANNULAS FOR BACKFLUSH INSTRUMENTS

Used for retrograde flushing of incarcerated tissue during aspiration of intraocular fluids in vitreoretinal ophthalmic surgeries.

### Soft Tip Cannulas

Allows for atraumatic aspiration of subretinal fluid

- 12-5161** 23 Ga x 34 mm **POPULAR**
- 12-5152** 25 Ga x 34 mm
- 12-5491** 27 Ga x 34 mm

Soft tip



### Brush Tip Cannulas

Ideal for atraumatic brushing of retina

- 12-5162** 23 Ga x 34 mm
- 12-5160** 25 Ga x 34 mm
- 12-5167** 27 Ga x 34 mm

Brush tip



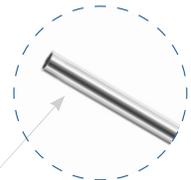
### POPULAR

#### Charles Flute Cannula

Designed for debris and blood aspiration from the posterior segment

- 12-5164** 23 Ga x 34 mm
- 12-5156** 25 Ga x 34 mm
- 12-5192** 27 Ga x 34 mm

Smooth blunt tip



## DISPOSABLE REPLACEMENT RESERVOIRS FOR BACKFLUSH HANDLE

### Replacement Reservoir for Backflush Handle

- 12-5159** Active Aspiration
- 12-5147** Passive Aspiration



# SILICONE OIL

## SILICONE OIL

### SMARTSIL 1000/5000\* Purified Silicone Oil for Vitreoretinal Surgery

SmartSil 1000/5000 is used for prolonged tamponade after surgical treatment for severe retinal detachment.

- Maximum interfacial tension and minimum interactions between tissues, cells, and endo-tamponades media
- Optimal combination of specific gravity, refractive index and surface tension
- The choice of viscosity for a balance between easy injection and a stable temporary tamponade



To be used with RUMEX Silicone Oil Infusion Systems 12-RTUB-1 (2,3 or 4)

### Physico-chemical properties

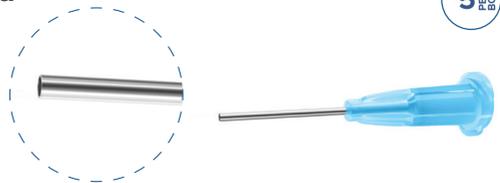
Interfacial tension	≥ 40 mNm <sup>-1</sup> at 37°C
Density	0.97
Viscosity	1000/5000 cSt
Refractive index	1.40
Volume	<1%
Polydispersity	<2.8
Volume of oil	10 ml
Syringe	20 ml
Shelf Life	3 years

## SILICONE OIL CANNULAS

### Viscous Fluid Injection Cannula\*\*

Allows injection of viscous fluids such as silicone oil through 23 Ga or 25 Ga trocar cannula

- 12-5248** 23 Ga x 4 mm
- 12-5258** 25 Ga x 4 mm



### Disposable Self-Retaining Silicone Oil Cannula\*\*

Self-retaining hub of 4.00 mm

- 12-5165** 23 Ga



\*Not for sale in the US

\*\*Not for sale in Europe

Product design and/or features that do not influence its functionality and main parameters are subject to change.

# DISPOSABLE CANNULAS GAUGE CONVERSION CHART

A hub of each cannula has a different color according to its Gauge.  
Please see the cannula gauge conversion chart below to learn more.

Gauge	Inner Diameter		Outer Diameter		Color Code
	In	mm	In	mm	
19G	.028	.70	.043	1.10	
20G	.024	.60	.036	.90	
21G	.020	.51	.032	.80	
22G	.016	.41	.028	.70	
23G	.013	.33	.025	.60	
24G	.012	.30	.022	.55	
25G	.010	.25	.020	.50	
26G	.010	.25	.018	.45	
27G	.008	.20	.016	.40	
30G	.006	.15	.012	.30	

# COMING SOON\*

## PFO LIQUID

### VitreoOcta

Perfluorooctane liquid for vitreoretinal surgery (PFO)



An ideal intraoperative tool to improve the efficiency and safety of vitreoretinal surgical procedures.

**Indicated to treat:**

- Retinal detachments
- Giant tears
- Ocular trauma
- Removal of dislocated lenses and foreign bodies from vitreous

**Product features:**

- High vapor pressure and specific gravity
- Low surface tension
- Low viscosity
- Non toxic, absolutely safe

Supplied sterile in a 5 ml vial with pouch pack.

## EYE DYES

### VitreoBlue

Trypan blue 0.15% solution for ILM and ERM staining during vitreoretinal surgery



- Facilitates tissue removal and reduces the risk of retinal damage
- Distinguishes between new and old PVR membranes
- Helps to identify and facilitate removal of posterior hyaloids remnants in tractional diabetic retinopathy

Supplied sterile in 1 ml vial (pack of 5 vials).

### VitreoBluePlus

Brilliant Blue Solution 0.05 % for ILM staining during vitreoretinal surgery



- Selectively stains and visualizes Internal Limiting Membrane
- Facilitates complete peeling during retinal surgery to repair macula holes
- Reduces the risk of retinal damage

Supplied sterile in 1 ml vial (pack of 5 vials).

### SmartBlue

Trypan Blue Solution 0.06% for staining of anterior capsule during cataract surgery



- Facilitates capsulorhexis
- Excellent visualization of the capsule in the eyes with matured cataract/narrow pupils
- Clear visualization of outline of the capsule rim during surgery
- Reduces the risk of incomplete capsulorhexis

Supplied sterile in 1 ml vial (pack of 5 vials).

\* Products in the process of development and certification

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