



SINGLE-USE PRODUCTS

STERILE 



AFFORDABLE
INNOVATIONS

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

HYDROPHOBIC IOLs

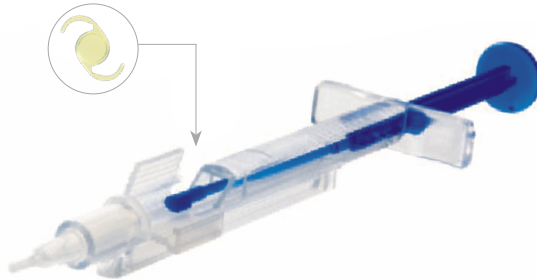
AquaFree Yellow Aspheric Hydrophobic*

Min. incision size	2.2 mm
Power range	0D .. +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
A-constant for ultrasound	118.4
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

OVDs

DISPERSIVE OVDs

SUPREME*

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

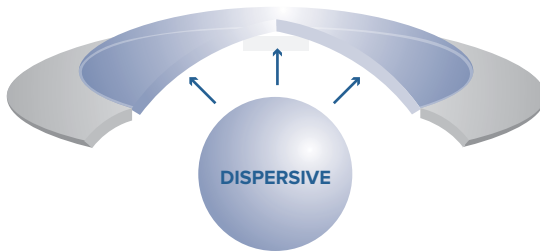
Advantages

- 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



*Not for sale in the US

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

OVDs

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	

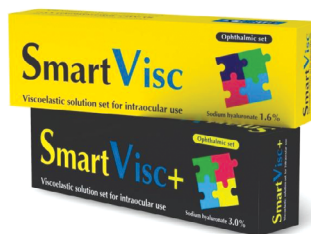
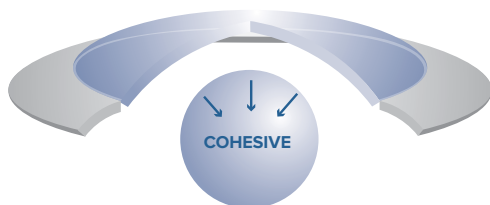
Advantages

- 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:

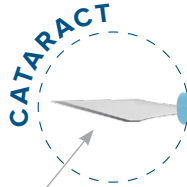
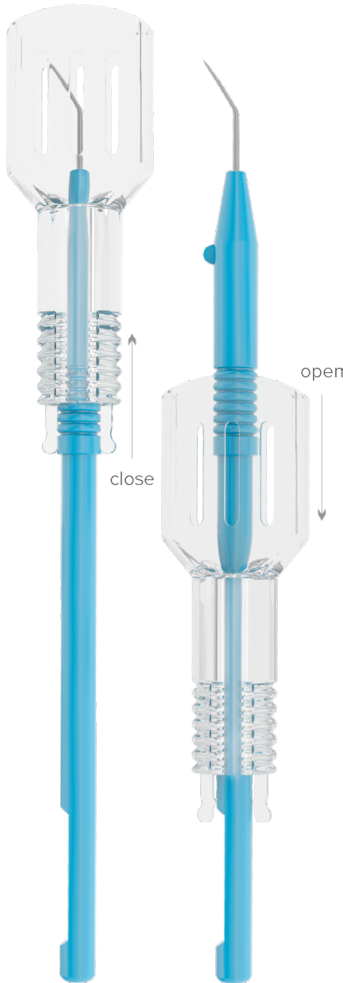
- maintain space and pressure in the eye
- keep the empty capsular bag open for IOL insertion
- support the anterior chamber and flatten the anterior capsule
- dilate small pupils
- dissect areas of adhesion



DISPOSABLE KNIVES

HIGH PRECISION DISPOSABLE KNIVES WITH SAFETY SYSTEM

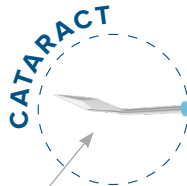
All knives are equipped with safety function lids



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°

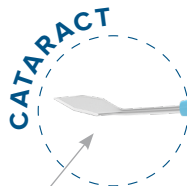
Exquisite sharpness for effortless penetration and withdrawal.



Paracentesis Knives

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

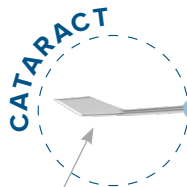
Angled option of paracentesis knife helps to avoid blocking the spot of intended incision.



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

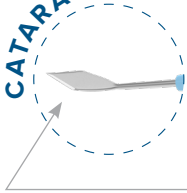
Optimal design of cutting edges allows for performance of watertight corneal incisions.

SINGLE-USE PRODUCTS

DISPOSABLE KNIVES



CATARACT

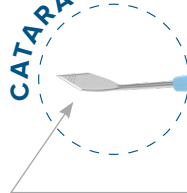


Clear Corneal Knives

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

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

CATARACT

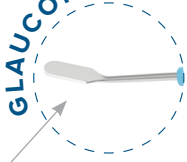


Clear Corneal Knives with Depth Indicators

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.

GLAUCOMA

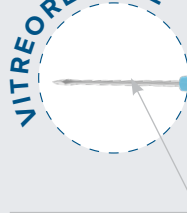


Crescent Knives

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

Facet-free blade for smooth flap formation.

VITREORETINAL



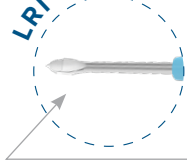
MVR Knives

posterior segment penetration/
side port incisions
multifacet

VRS-19 19 Ga, **straight**
VRS-20 20 Ga, **straight**
VRS-23 23 Ga, **straight**
VRS-25 25 Ga, **straight** ✦
VRA-19 19 Ga, **angled**
VRA-20 20 Ga, **angled**
VRA-23 23 Ga, **angled**
VRA-25 25 Ga, **angled** ✦

Promotes safe and easy sclerotomy for vitreoretinal procedures.

LRI



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

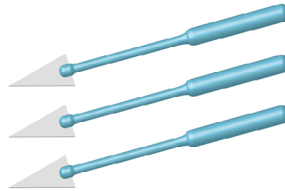


EYE SPEARS

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



IRIS RETRACTORS

Safe and comfortable dilation and fixation of a rigid pupil.

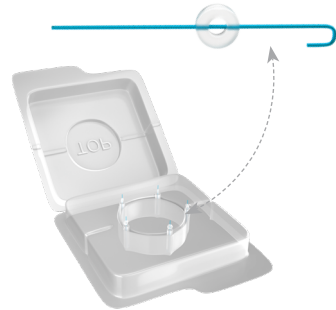
Disposable Iris Retractors**

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

10-5016-1



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

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

SINGLE-USE PRODUCTS

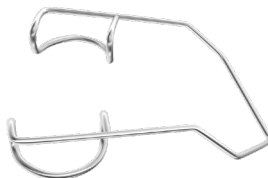
DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

SPECULUMS

Disposable Barraquer Wire Speculum Adult Size

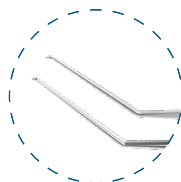
16 mm blades
Overall length 44 mm

14-022D



FORCEPS

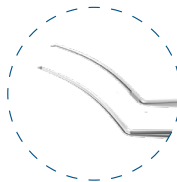
Perfectly aligned tips make every surgical manipulation safe and easy.



Utrata Capsulorhexis Forceps

Cystotome tips
Straight

4-0311D



Utrata Capsulorhexis Forceps

Cystotome tips
Curved

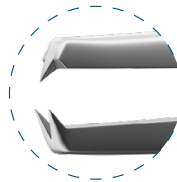
4-0331D



Bonn-Catalano Corneal Forceps

0.12 mm, 1x2 Teeth
Straight

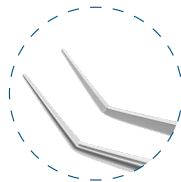
4-0551D



Castroviejo Suturing Forceps

0.12 mm, 1x2 Teeth
Straight

4-0600D



McPherson Tying Forceps

Angled

4-174D



McPherson Tying Forceps

Curved

4-177D

DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

SCISSORS

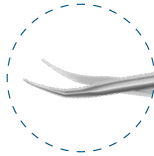
Unique blade sharpening technology allows controlled cutting of various tissues with minimal pressure applied.



Castroviejo Universal Corneal Scissors

Blunt tips

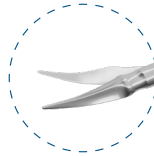
11-012D



Westcott Tenotomy Scissors

Blunt tips

11-040D



Vannas Capsulotomy Scissors

Sharp tips

11-052D

MANIPULATORS

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



Nagahara Phaco Chopper

RHD

7-063D



Kuglen Iris Hook

Angled

5-030D



Rosen Phaco Chopper

Universal

7-065D



Sinsky Hook

Angled

5-032D



Drysdale Nucleus Manipulator

Universal

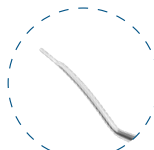
7-093D



Lester Lens Manipulator

Angled

5-0331D



Spatula for Femtosecond Laser Procedure

20-204D

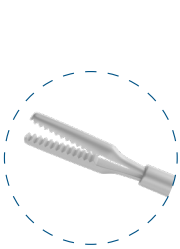


SINGLE-USE PRODUCTS

DISPOSABLE INSTRUMENTS FOR ANTERIOR SEGMENT

MICROINCISIONAL IOL REMOVING FORCEPS AND SCISSORS

Disposable Foldable Lens Removing Crocodile Type Forceps, 20 Ga, Stainless Steel

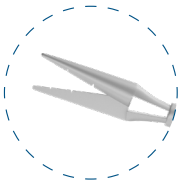


4-2150D



- designed for explantation of acrylic and silicone foldable intraocular lenses
- one-piece integral instrument provides a precise action
- crocodile type serrated jaws enable secure gripping of the IOL

Disposable Micro Foldable Lens Cutter, Straight Scissors, Blades with Notches, 19 Ga, Stainless Steel



4-2173D



- designed for explantation of acrylic and silicone foldable intraocular lenses
- one-piece integral instrument provides a precise action
- blades with delicate notches create traction and prevent IOL slipping while cutting

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

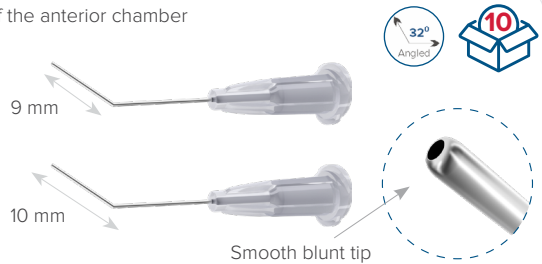


VISCOELASTIC CANNULAS

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

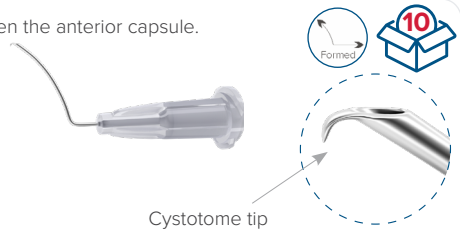
21-R2327 27 Ga x 22 mm ♥



IRRIGATING CYSTOTOMES, PEARCE

Used to perform capsulorhexis. The tip is designed to open the anterior capsule.

21-R3027 27 Ga x 16 mm



IRRIGATION/ASPIRATION CANNULAS

Used to remove cortical debris or viscoelastic solution while maintaining the anterior chamber during cataract surgery

Simcoe I&A Cannula
 Regular
 0.3 mm port

21-R5623 23 Ga x 16 mm



SINGLE-USE PRODUCTS

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 ♥



Spatulated tip

Hydrodissector, Pearce
21-R4027 27 Ga x 22mm ♥



Hydrodissector
21-R4427 27 Ga x 22 mm



Smooth blunt tip

CANNULAS FOR ANESTHESIA

Used for anesthetic agents administration during ophthalmic surgeries.



Retrobulbar Needle, Atkinson
For injecting anesthetic agents into the muscle cone.

21-R1125 25 Ga x 38 mm ♥



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.



POPULAR

Lacrimal Intubation Set

21-R7004 27 Ga x 110 mm



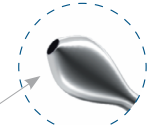
35 cm silicone tubing

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



Retrieval Device

Olive Tip

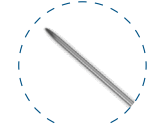


Lacrimal Intubation Set

21-R7001 23 Ga x 175 mm



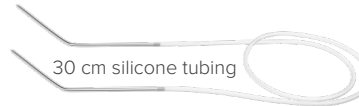
30 cm silicone tubing



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

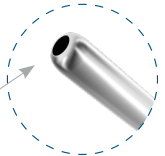
Used for probing and irrigating the lacrimal duct.



21-R7026 26 Ga x 28 mm



Smooth blunt tip



LASIK CANNULA, LINDSTROM

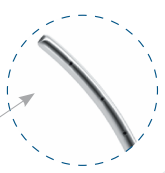
Used after ablation to wash away particulates from anterior and posterior sides of the flap and stromal bed.



3 ports
21-R7430 25 Ga x 25 mm



3 ports



*Not for sale in Europe

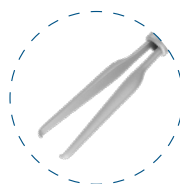
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SINGLE-USE PRODUCTS

DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

STAINLESS STEEL FORCEPS AND SCISSORS

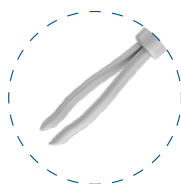
All stainless steel instruments are manufactured as an integral tool with an intact inner spring mechanism that provides for precise performance and instant tactile control.



ILM

Eckardt End-Gripping Forceps

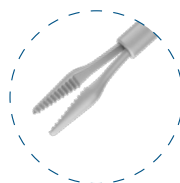
12-410-23D 23 Ga
12-410-25D 25 Ga



ILM

End-Grasping Forceps

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

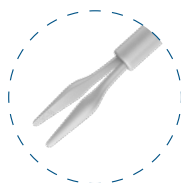


ERM

Gripping Forceps

With a "crocodile" platform

12-304-23D 23 Ga
12-304-25D 25 Ga



ERM

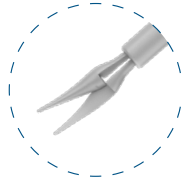
Gripping Forceps

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



Pick Forceps

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



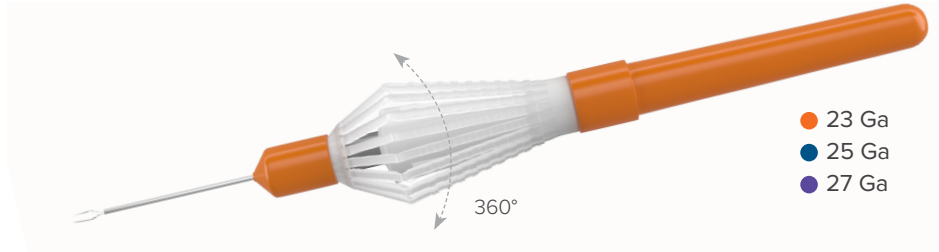
Curved Scissors

12-209-23D 23 Ga
12-209-25D 25 Ga

DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

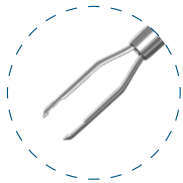
SCISSORS AND FORCEPS WITH PLASTIC HANDLE*

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



The instrument's weight is less than 8 grams.

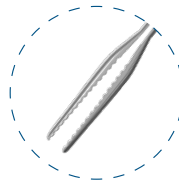
Lightweight plastic ergonomic handle especially valuable during hours-long surgeries.



ILM

Eckardt End-Gripping Forceps

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

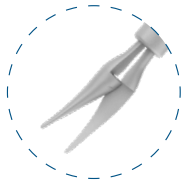


ERM

Gripping Forceps

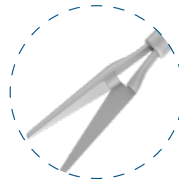
With a "crocodile" platform

- 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.

SINGLE-USE PRODUCTS

DISPOSABLE INSTRUMENTS FOR POSTERIOR SEGMENT

DIAMOND DUSTED RETRACTABLE ILM ELEVATORS*

Used to elevate membrane edge during vitreoretinal surgery.



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.



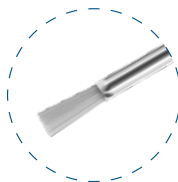
- 23 Ga
- 25 Ga
- 27 Ga



Two connectors for either active or passive aspiration

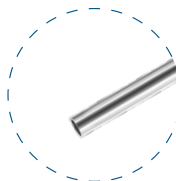
with Silicone Brush Tip

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



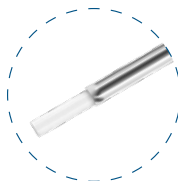
with Blunt Tip

12-5164H 23 Ga x 34 mm
12-5156H 25 Ga x 34 mm
12-5492H 27 Ga x 34 mm



with Silicone Soft Tip

12-5161H 23 Ga x 34 mm
12-5152H 25 Ga x 34 mm
12-5491H 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

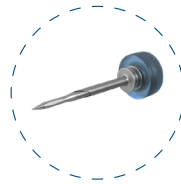
12-5229 ● ● ♥

12-5244 ● ●

12-5227 ● ●

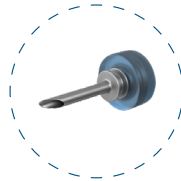


Sharp MVR Blade



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

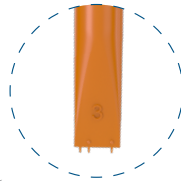
Trocar Cannulas



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

Removable self-sealing silicone valves ensure maintenance of the desired intraocular pressure 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: 3.00 and 4.00 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.

SINGLE-USE PRODUCTS

DISPOSABLE VITREORETINAL CANNULAS*

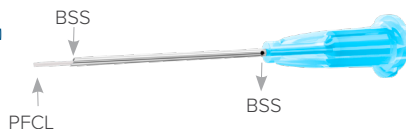
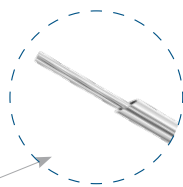
DUAL BORE CANNULA

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

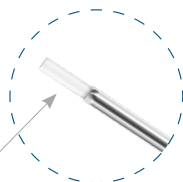
Allows for atraumatic aspiration of subretinal fluid

12-5161 23 Ga x 34 mm

12-5152 25 Ga x 34 mm

12-5491 27 Ga x 34 mm

Soft tip



Brush Tip Cannulas

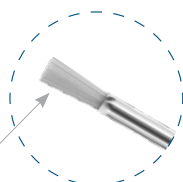
Ideal for atraumatic brushing of retina

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

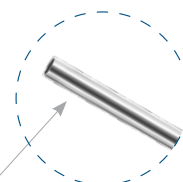
Designed for debris and blood aspiration from the posterior segment

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



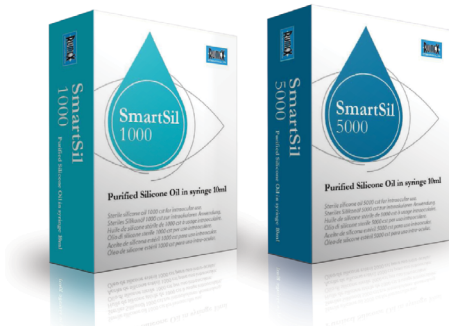
SILICONE OIL

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

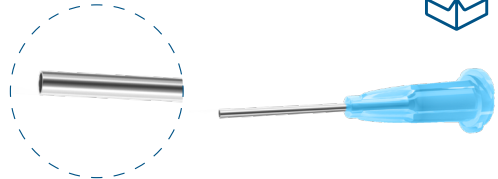
Interfacial tension	≥ 40 mNm ⁻¹ at 37°C
Density	0.97
Viscosity	1000/5000 cSt
Refractive index	1.40
Volume	<1%
Polydispersity	<2.8
Volume of oil	10 ml
Syringe	20 ml
Shelf Life	3 years

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



*Not for sale in the US and Europe

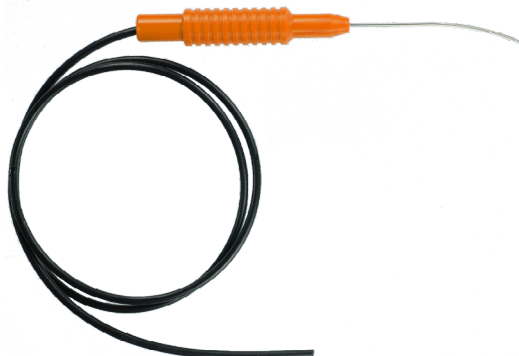
**Not for sale in Europe

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COMING SOON*

DISPOSABLE LASER PROBES

Designed to perform endo-ocular laser photocoagulation treatment



Color code

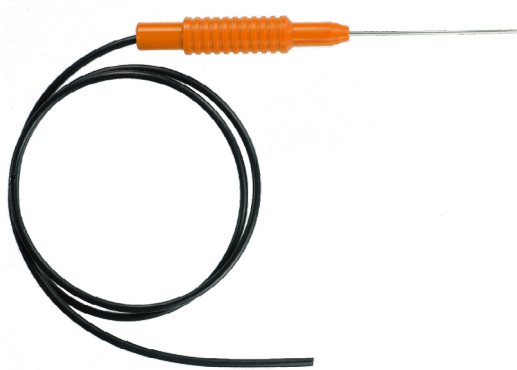
- 23 Ga
- 25 Ga
- 27 Ga

Surgical system/type of the probe	Straight		Curved		Extensible	
SMA 905 Connector: Alcon®, Zeiss®, COHERENT®, Ellex®	RLS-23AZ	23 Ga	RLC-23AZ	23 Ga	RLEX-23AZ	23 Ga
	RLS-25AZ	25 Ga	RLC-25AZ	25 Ga	RLEX-25AZ	25 Ga
	RLS-27AZ	27 Ga	RLC-27AZ	27 Ga		
DORC®	RLS-23D	23 Ga	RLC-23D	23 Ga	RLEX-23D	23 Ga
	RLS-25D	25 Ga	RLC-25D	25 Ga	RLEX-25D	25 Ga
	RLS-27D	27 Ga	RLC-27D	27 Ga		

COMING SOON*

DISPOSABLE FIBER OPTIC PROBES

Used to illuminate the interior of the eye



Color code

- 23 Ga
- 25 Ga
- 27 Ga

Surgical system/type of illumination	Standard		Wide-angle		Shielded	
Alcon®	12-5177	23 Ga	12-5178	23 Ga	12-5625	23 Ga
	12-5135	25 Ga	12-3625	25 Ga	12-5627	25 Ga
	12-5927	27 Ga				
B&L®	12-5179	23 Ga	12-5180	23 Ga	12-5725	23 Ga
	12-5125	25 Ga	12-5427	25 Ga	12-5727	25 Ga
	12-5127	27 Ga				
Oertli®	12-4123	23 Ga	12-5463	23 Ga	12-5853	23 Ga
	12-4125	25 Ga	12-5465	25 Ga	12-5855	25 Ga
	12-4127	27 Ga				
BVI® (OPTIKON)	12-9123	23 Ga	12-5453	23 Ga	12-5843	23 Ga
	12-9125	25 Ga	12-5455	25 Ga	12-5845	25 Ga
	12-9127	27 Ga				

*Products in the process of development and certification

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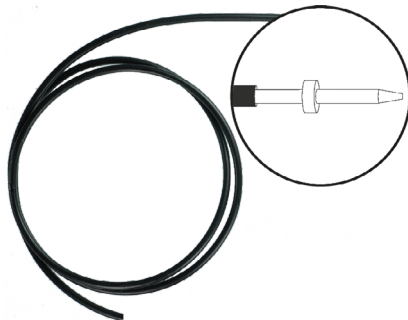
COMING SOON*

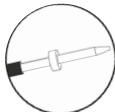
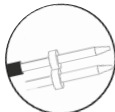


DISPOSABLE CHANDELIER FIBER OPTIC PROBES

Enable bimanual vitreoretinal surgery

Allow for diffuse illumination to enhance visualization

Facilitate the recording of surgical videos by providing consistent lighting

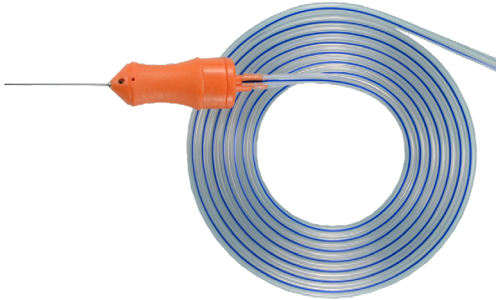


Surgical system/type of the probe	Standard		Dual Fiber		with preloaded Trocar and Inserter	
						
Alcon®	12-4563	23 Ga			12-5223	23 Ga
			12-4526	25 Ga	12-5225	25 Ga
					12-6327	27 Ga
B&L®	12-4573	23 Ga				
			12-4545	25 Ga		
Oertli®	12-4593	23 Ga			12-5543	23 Ga
			12-4543	25 Ga	12-5545	25 Ga
BVI® (OPTIKON)	12-4583	23 Ga			12-5533	23 Ga
			12-4535	25 Ga	12-5535	25 Ga
Synergetics®	12-4553	23 Ga				
			12-4525	25 Ga		

COMING SOON*

DISPOSABLE VITRECTOMY CUTTERS

Help to efficiently cut and aspirate vitreous



Color code

- 23 Ga
- 25 Ga
- 27 Ga

Surgical system/ type of the cutter	Single Cut	Speed/Pressure	Double Cut	Speed/Pressure
Alcon®: Accurus®DORC®: Associate®	RV-23AC 23 Ga	Speed: 2000 CPM Pressure: 42 PSI		
	RV-25AC 25 Ga			
B&L®: Stellaris®	RV-23BF 23 Ga	Speed: 5000 CPM Pressure: 42 PSI	RV-23BFd 23 Ga	Speed: 10000 CPM Pressure: 42 PSI
	RV-25BF 25 Ga		RV-25BFd 25 Ga	
	RV-27BF 27 Ga			
Oertli®: OS4®	RV-23OS 23 Ga	Speed: 5000 CPM Pressure: 35-37 PSI		
	RV-25OS 25 Ga			
	RV-27OS 27 Ga			
BVI® (OPTIKON): R-Evo Smart® CR	RV-23OB 23 Ga	Speed: 5000 CPM Pressure: 30 PSI	RV-23OBd 23 Ga	Speed: 10000 CPM Pressure: 30 PSI
	RV-25OB 25 Ga			
	RV-27OB 27 Ga			
BVI® (OPTIKON): R-Evolution® CRZEISS®: VISA- LIS®	RV-23OZ 23 Ga	Speed: 6000 CPM Pressure: 43 PSI	RV-23OZd 23 Ga	Speed: 12000 CPM Pressure: 43 PSI
	RV-25OZ 25 Ga			
	RV-27OZ 27 Ga			
DORC®: EVA®	RV-23GC 23 Ga	Speed: 8000 CPM Pressure: 42 PSI		
	RV-25GC 25 Ga			
	RV-27GC 27 Ga			

*Products in the process of development and certification

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SINGLE-USE PRODUCTS

COMING SOON*

HYDROPHILIC IOLs

Hydro-SOFT Clear & Hydro-SOFT Yellow

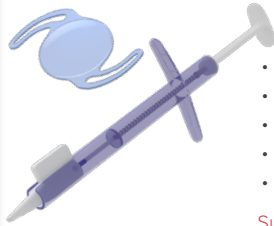
Clear and Natural Yellow aspheric monofocal single-piece hydrophilic acrylic foldable IOLs



- 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

Hydro-SOFT Toric Preloaded

Aspheric toric monofocal clear hydrophilic acrylic foldable single-piece IOLs



- Designed to correct corneal astigmatism in a patient undergoing cataract surgery
- 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
- UV filter

Supplied preloaded in a cartridge in a container with liquid

*Products in the process of development and certification

**Posterior Capsule Opacification

COMING SOON*

HYDROPHILIC IOLs

Hydro-SOFT Trifocal Preloaded

Aspheric trifocal clear hydrophilic acrylic foldable single-piece IOLs

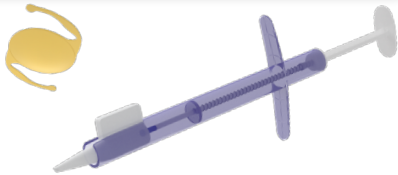


- Optimized intermediate focus optical system provides clear, contrast vision at far, near, and also at an intermediate distance
- Diffractive trifocal optics with aspheric profile - 14 diffraction rings
- Angulation 5° – reduced risk of secondary cataract development
- Double square edge – no posterior capsule opacification caused by cellular migration
- Manufactured by the lathe-cut (LC) method – no glistenings
- UV-filter

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 cartridge in a container with liquid

Supplied preloaded in a single-use IOL delivery system SmartJect

DISPOSABLE IOL INJECTION SET

SmartJect 2.2 & SmartJect 2.8

A set of disposable IOL injector and cartridge. Available in two sizes – for 2.2 mm and 2.8 mm incision



- For hydrophilic and hydrophobic 1-piece lenses
- Complete control of every step of lens injection
- Soft-tip technology

SINGLE-USE PRODUCTS

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

STERILE



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

STERILE



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

STERILE



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

STERILE





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