



Ophthalmic | 2016 Instruments Catalog + Consumables



Affordable Innovations

Rumex International Co.

Who we are

Rumex International Co. is one of the leading manufacturers of surgical instruments for hand-held surgery with many of offices and representatives all over the world with headquarters in the United States. Our Major specialization lies within reusable instruments for surgical ophthalmology and cardiovascular and thoracic surgery.

Since 1994

For more than 20 years, industry experts and ophthalmic surgeons from all over the world have been pleasantly surprised with the most sustainable quality and service provided by Rumex. Our product advantages are concluded in:

- Strict quality control which allows producing impeccable and durable instruments
- Product development together with top-of-the notch surgeons
- Ergonomical design eliminating hand's fatigue
- New! – Data Matrix Barcodes on the instruments



The most comprehensive portfolio

More than 2,000 product items in portfolio!

The range of products comprises cutting edge stainless steel and titanium instruments, including vitreoretinal instruments, cannulas, single-use accessorize. We have been successfully producing and selling the top quality consumables – IOLs, Lens Injection Systems, Silicone Oil, OVDs). You may place orders on Mani sutures and Statim sterilizing machines in our company.

Always Within your Budget!

We aspire to provide hospitals and medical professionals all over the world with superior quality surgical instrumentation within budget!

Our innovations always stay affordable!

Customer Service and Support

Our experienced sales team is always there to help you make the right choice. All of us share values of the customer and put them on the first place. We are proud to work in a company helping doctors and making lives of patients better!

Also we aspire to provide the most proactive support to our distributors all over the world!

RUMEX
2.0 since 1994

Contact us to request:

- [Big Ophthalmic surgical instruments Catalog](#)
- [OEM Catalogue](#)
- [Cardiovascular surgical instruments Catalogue](#)
- [Certificates](#)
- [Additional product description](#)
- [Product samples](#)

Highlights and Specifications of our Instrumentation

Product item

BLADE HOLDERS	1-xxx
CALIPERS, GAUGES	2-xxx
MARKERS	3-xxx
FORCEPS	4-xxx
HOOKS	5-xxx
DIAMOND KNIVES	6-xxx
PHACOEMULSIFICATION	7-xxx
NEEDLE HOLDERS	8-xxx
PROBES	9-xxx
RETRACTORS	10-xxx
SCISSORS	11-xxx
VITREORETINAL PRODUCTS	12-xxx
SPATULAS	13-xxx
SPECULUMS	14-xxx
REUSABLE CANNULAS	15-xxx
MISCELLANEOUS	16-xxx
STERILIZING TRAYS	18-xxx
REFRACTIVE INSTRUMENTS	20-xxx
DISPOSABLE CANNULAS	21-Rxxx
INSTRUMENTS SETS	24-xxx

Specification of instruments

3D models of instruments are used. Insignificant visual effects may differ the model from the real instrument.

Due to continuous development and improvement, the given specification, the product design and construction are subject to change.

Titanium and Stainless Steel

Most of the instruments are made of titanium and marked with a letter 'T' in its product number. The titanium instruments have a tungsten-carbide covering which makes them stronger and durable. There are Stainless Steel instruments marked with 'S' and manufactured of highest quality stainless steel (made in Germany).

DataMatrix Barcodes

All instruments ordered in 2015 and afterwards have DataMatrix Barcodes engraved on its surface. Read more about it at www.rumex.net



Size

Instruments are shown at scale 3:4 unless other is stated.

Trademarks

®™ All trademarks are property of their respective owners.

Placing your order is easy!

All the orders can be easily placed and paid online!

Orders can be placed directly or through your local Rumex representatives.

You may also place orders directly via our web-site: **www.rumex.net**.

Rumex webstore allows you to easily complete your order amongst the widest assortment of any surgical instruments. You may request the specific instrument development as well, be a part of promotions and bonus programs, and find your distributor!

Pricing

The prices are detected automatically by your location.

The pricing policy may vary from region to region where the company reserves the right to make changes. Please register online to view the most accurate and up-to-date prices.

Prices are subject to change without notice. Ask your local distributor for the current prices.

Shipping

We provide our retail customers with two delivery options: after choosing instrument(s) at our webstore via local distributor or by direct shipment from our warehouses. Don't forget to pay for delivery when ordering online and consider timing of transporting it to your region.

Orders are shipped via express carrier. The carrier is indicated at the time the order is placed.

Free Shipping for orders of total more than \$2,000/€1,500!



Advantages to order via Distributors:

- Native language speaking consultative support
- Less freight charges due to closeness to your region
- Easier exchange

Advantages to order directly:

- Timesaving!
- Fast Product Search is available
- Direct shipping to your facilities with no restocking fees
- Choose among 2000 products with a 100% manufacturer's guarantee
- Professional support from Rumex customer service

We would like to keep you purchasing with our company therefore convenience of making orders is a matter of a primary importance to us!

Either finding your distributor or making a direct order, you are always welcome at www.rumex.net!

Languages online: English, Espanol, Portugese, Francais, Deutsch
We are open to all countries 24/7!



Quality of Products



‘Very efficient. Secure Introduction and easy handling. Just perfect!’

Myriam Gagnard
*Responsable Bloc Operatoire
 Clinique Saint Vincent, France*

«Rumex has been providing us with superior instruments for many years. All the time, Rumex surgical instrumentation was acknowledged for the consistently excellent quality. It's the best provider for us which always allows us to remain within the budget»

Bascom Palmer Eye Institute

Guarantees

Rumex International Co provides its customers a LIFETIME WARRANTY!

If any product purchased would reveal a mismatch of the quality BEFORE USAGE – please don't hesitate to contact us to get your money back. After undergoing all the due expert analysis and if the defect was not caused by improper handling and misuse, we will provide you either a 100% COMPENSATION or an exchange of a defective instrument for a new one which will correspond to your expectations in quality or appearance terms free of charge with no restocking fees. In some cases when instruments have been detected to be improperly used or mishandled, non-manufacturing defects may occur. Please read carefully our Sterilization & Care Instructions (p.218–223) to avoid such cases of improper usage and mishandling. Or consult our customer service managers for a proper handling instructions.

Please, note that in certain countries our guarantees may differ because of the national legislation. You may find your country's warranty on www.rumex.net

Rumex is focused on providing the superior quality products to surgeons and medical professionals all over the world, that has been the matter of the first priority. Quality of products is guaranteed by the ISO and FDA

management system which implies the Double-check control while being manufactured and shipped. The quality management system ensures the compliance with the best highest industry standards for medical devices and consumables.

Returns & replacements

Any instrument returned within 30 days is not charged for restocking provided that the instrument is in its original undamaged condition. Any instrument returned within 30-60 days after shipment is subject to 40% restocking charge. No returns are accepted after 60 days.

For Returns & Replacements or Repairs & Refund kindly fill in the RGA Form on p.5, e-mail us the scan copy and send the paper copy with the instrument. Also, you can download RGA Form at our website www.rumex.net.

Our custom managers will e-mail you back within 24 hours (business days only) to inform about return, replacement, repair or refund conditions and address where the instrument should be shipped.

Please call customer service at 1-727-535-9600 for USA, Canada, Puerto Rico customers and +371 6616 3182 for International customers to obtain a Return Authorization Number prior to returning instrument(s). Please make sure instruments are sterilized before shipping back to us.

Unopened and unused instruments should not be sterilized. Customers will be credited the cost of the instrument(s) but will be responsible for all freight charges for the original order.

If you require a repair of an instrument and not an exchange, we will offer special prices for a repair in our distributors' repair centers. Damaged instruments are subject to a repair charge. Return, replacement and repair form is provided in the end of this catalog.

If you would like to receive a refund, the company will allow you a company credit towards future purchases. No direct refunds are permitted.

No credit will be issued for:

- Sterile and disposable products;
- Instruments damaged beyond repair;
- Special or custom orders.

Certificates of Quality

The full list of certificates can be found on our website <http://rumexnet/en/information/quality>



Form for Returns & Repairs



Rumex International Company
 13770 58th Street North, Suite 317
 Clearwater, FL 33760 USA
 Tel: +1 (727) 535 9600 www.rumex.net rumex@rumex.net

Please use this form for all returns and repairs sent to our office. Protect the instrument(s) with appropriate tip guard(s) and pack in a sturdy box. Please put a copy of this form into parcel.

RGA #	Rumex International Co. Returned Goods Authorization	Date*
Customer*:		
Reference #* Description*:		
Reason for Return (Please specify the defect)*:		
Purchase date*: Invoice #*		
Quality Screening 1. Was there an event involving patient injury associated with this report? <input type="checkbox"/> Yes <input type="checkbox"/> No 2. If there was a malfunction and it recurs, is it likely to cause an injury? <input type="checkbox"/> Yes <input type="checkbox"/> No 3. Did the customer express dissatisfaction related to the use of the Rumex International Co.'s products? <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please explain: _____ 4. Is the returned product related to a failure and if so, was it within the warranty period? <input type="checkbox"/> Yes <input type="checkbox"/> No <i>If any of questions 1, 2, or 3 are answered "yes," the Quality Assurance Manager must be notified immediately.</i>		
Date product received at Rumex International Co.: _____ Product complete? <input type="checkbox"/> Yes <input type="checkbox"/> No If no, item(s) missing:		
Product Disposition <input type="checkbox"/> Return to stock <input type="checkbox"/> Repair and return to customer <input type="checkbox"/> Repair and return to stock <input type="checkbox"/> Scrap <input type="checkbox"/> Other: _____		
Dispositioned by: _____ <div style="display: flex; justify-content: space-between; width: 100%;"> Signature Date </div>		

*Fields filled by the Customer

	page (s)
CONSUMABLES	11–20
IOLs	11–12
Lens Injection Systems	13
OVDs • Viscoelastic Surgical Fluid / Sodium Hyaluronate • Viscoelastic Surgical Fluid / Methylcellulose	14–15
PVA Sponges & Cellulose Eye Spears • PVA Spears and Points • Cellulose Spears and Points • Corneal Light Shield • Corneal Light Shield • Eye Drains and Wicks • Eye Drains and Wicks • Diamond Knife Cleaning Block • Instrument Wipe • Lasik Shields • Lasik Drains	16–17
Silicone Oil • Ultra Purified Silicone Oil • Viscous fluid injection cannula • Silicone Oil Infusion Tubings • Iris Retractors	18–19
ANTERIOR SEGMENT INSTRUMENTS	21–124
Small / Micro Incision Instruments • Small Incision Instruments • Handle • New Instruments • Micro Incision Forceps • Micro Incision Scissors • Micro Incision Needle Holders And Punches	21–27
Speculums • Speculums With Aspiration • Castroviejo / Kershner Speculums • Temporal Speculums Lieberman Style • Nasal Speculums Lieberman Style • Solid Blades / Wire Speculums	28–32
Calipers. Gauges. Markers • Calipers and Keratometers • Gauges / Axis Markers • Markers • Lri / Toric Markers	33–39
Blade Holders • Blade Holders	40
Diamond Knives • Astigmatic Keratotomy • Corneal Transplant • Universal Side Port Knives • Angled Phaco Knives • Knives for MICS • LRI Knives • Cleaning Pack	41–43
Scissors • Corneal Scissors • Iris Scissors • Stitch Scissors • Tenotomy Scissors • Strabismus Scissors • Capsulotomy Scissors • Enucleation Scissors	44–49
Forceps • Capsulorrhexis Forceps • MICS Capsulorrhexis Forceps • Cilia Forceps • Conjunctiva Forceps • Lid And Chalasion Forceps • Compressing Lid Forceps • LASIK Flap Forceps • Corneal Forceps • Dressing Forceps • Fixation Forceps • Lens Inserters • IOL Removing Instruments • ICL™/IOL Forceps • Iris Forceps • Jewellers Forceps • Hemostatic Forceps and Serrefines • Muscle Forceps • Suturing Forceps • Tying Forceps • Utility Forceps • Towel Clamps and Forceps	50–68
Hooks • Intraocular Lens Hooks • Muscle/Tenotomy Hooks • Retinal Detachment Hooks	69–71

	page (s)
Spatulas • Iris / Nucleus Spatulas • Cyclodialysis Spatulas • Femtosecond Cataract Spatulas • Corneal Spatulas • DSEK, DSAEK, DMEK Spatulas • DLEK Spatulas • DALK Spatulas • Foreign Body Spuds • PRK/LASIK Spatulas • LASEK Spatulas • FemtoLASIK Spatulas • ICL™ Spatulas • ICSR Spatulas	72–79
Needle Holders • Small Size • Medium Size • Long Size • Kalt Needle Holders • Castroviejo Needle Holders • Ing Needle Holders / Scissors • Coaxial / Intraocular Needle Holders	80–83
Probes. Dilators. Retractors • Probes • Iris Dilators • Lacrimal Sac Retractors • Lid & Orbital Retractors	84–86
Miscellaneous • Fixation Rings • Electric Eye Cautery • Scleral Depressors • Foreign Body Spuds	87–88
Cataract • Femtosecond cataract instruments • Lens loops • Nucleus crackers / Nucleus removing forceps • Prechoppers • Choppers • Capsule Polishers • New instruments • Irrigation / Aspiration Handpieces • Capsular Ring Injectors • IOL Injectors / IOL Inserters • Disposable Systems Preloaded	89–100
Refractive • PRK/LASIK Speculums • LASIK Markers • LASIK Spatulas • LASIK Cannulas • LASEK Instruments • FemtoLASIK Instruments • LRI • Toric IOL implantation • Phakic IOL implantation • ICSR implantation	101–111
Corneal • Corneal Trephine Blades • DSEK, DSAEK, DMEK Instruments • DALK Instruments • DLEK Instruments	112–115
Glaucoma • Trabeculotomes & Punches	116
Pterygium • Alger Brush Rust Ring Remover • Alger Brush Pterygium Instruments	117
Lacrimal • Lacrimal Probes • Lacrimal Dilators • Lacrimal Sac Retractors • Mallets • Rongeurs	118–120
Lid and Chalazion • Lid retractors, plates, clamps • Lid and Chalazion forceps • Chalazion Curettes	121
Oculoplastic • Muscle Forceps • Muscle Hooks • Enucleation / Evisceration Instruments	122–123
VITREORETINAL INSTRUMENTS	125–150
Color Code System	125
Handles for Vitreoretinal Instruments • Classic Model • Ergonomic Model	126
Vitreoretinal Scissors • Standard • Illuminated	127
Vitreoretinal Forceps • Epiretinal • ILM • Pick / Subretinal • Foreign Body Removal	128–130

	page (s)
Membrane Instruments	131
Sets of Instruments • 23 Ga • 25 Ga • 27 Ga	132–135
Instruments with Fixed Tips / Non-Rotatable	135
Trocar Cannula Systems • Reusable Two Step Trocar System • Accessory • Disposable Trocar Systems	136–138
Vitreotomy Cutters • Reusable / Anterior • Reusable / Posterior • Disposable / Anterior • Disposable / Posterior • Irrigation Sleeves	139–143
Backflush Instruments • Backflush handles • Cannulas for backflush instruments	144–145
Retinal Cannulas • Infusion Cannulas • Self-Retaining Sutureless Cannulas • Dual Bore Cannulas • Illuminated Infusion Cannulas	146–147
Fiberoptic Probes • Fiber Optic Probes • Fiber Optic Adapters	148
Silicone Oil • Silicone Oil 'SmartSil1000 / SmartSil5000' • Silicone Oil Infusion Tubings • Viscous fluid injection cannula	149–150
CANNULAS	151–190
CANNULAS REUSABLE	151–164
Cataract Cannulas • Irrigating Cannulas • Anterior Chamber Cannulas • Anterior Chamber Maintainer • Cannulas for Anesthesia • Lens Removal /Nucleus Removal Cannulas • Capsule Polishing • Hydrodissection/Hydrodelineation • Cortex Aspiration • Irrigating & Aspirating Cannulas	151–160
Oculoplastic Cannulas • Lacrimal Cannulas	161
Refractive Surgery Cannulas • LASIK Cannulas	162
Corneal Cannulas • DALK cannulas	163
Glaucoma Cannulas • Glaucoma Cannulas • Infusion Handles for Cannulas	164
CANNULAS DISPOSABLE	165–189
Cannulas Gauge Chart	165
Anesthesia Cannulas • Retrobulbar/Peribulbar Needles • Retrobulbar Needles • Sub-Tenon's Anesthesia Cannulas • Atkinson Peribulbar Needle	166
Cataract Cannulas • Anterior Chamber Maintenance • Capsulotomy • Hydrodissection • Viscoelastic, Viscoexpression • Cortex Removal • Irrigating&Aspirating Cannulas • Capsule Polishing • Accessories	167–178

page (s)

Oculoplastic Cannulas	179–181
• Specialty Products • Lacrimal Cannulas	
Refractive Cannulas	182–184
• LASIK Cannulas	
Vitreoretinal Cannulas	185–189
• Vitreoretinal Cannulas • Vitreoretinal Micropicks • Subretinal Fluid Cannulas • Dual Bore Cannulas • Cannulas for Backflush Instruments • Infusion Cannulas • Silicone Oil Infusion Cannulas • Self-Retaining Sutureless Cannulas	
SETS	191–214
Basic Set	192
• Basic Eye Set	
Cataract Sets	193–195
• Extra Capsular Cataract Extraction (ECCE) Set • Phakoemulsification Set • Phaco Prechop Set • Bimanual Microphaco (MICS) Set	
Refractive Sets	196–199
• LASIK Set • LASEK Set • Femtolasik Set • ICL™ Set • LRI Set • Toric IOL Implantation Set • ICSR Set	
Corneal Sets	200
• Corneal Transplantation Set • DSEK, DSAEK, DMEK Set • DALK Set • DLEK Set	
Miscellaneous Sets	201–210
• Chalazion Set • Evisceration Set • Glaucoma Set • Lacrimal Set • Lid Surgery Set • Muscle Set • Oculoplastic set • Pterygium Set	
Vitreoretinal Sets	211–214
• Vitreoretinal Set, 20 Ga • Vitreoretinal Set, 23 Ga • Vitreoretinal Set, 25 Ga	
STERILIZATION & CARE	215–224
• Sterilizing Trays Size Chart • Sterilizing Trays • Instructions for Use • Diamond Knives / Instructions for use • Vitreoretinal, Microincisional / Instructions for use	
INDEX	225–240M
• Alphabetic Index • Numeric Index	

IOLs

Lens Injection Systems

OVDs

PVA Sponges & Cellulose
Eye Spears

Silicone Oil

Consumables

Cataract, Refractive, Corneal transplantation

View all our
ophthalmic products at
www.rumex.net



Hydrophilic IOLs

Name	Hydro-Sense Aspheric	Hydro-4 Aspheric
Type	Foldable lens – Single-piece	
Material	Hydrophilic acrylic. Clear	
Design of the optical edge	Double square-edge	
Optic Type	Aspheric	
Optic size	6.0 mm	
Overall Diameter	12.5 mm	11.0 mm
Number of haptics	2	4



Hydrophobic IOLs

Name	AquaFree Aspheric	AquaFree Aspheric Yellow
Type	Foldable lens – Single- piece	
Material	Hydrophobic acrylic. Clear	Hydrophobic acrylic. Yellow
Design of the optical edge	Double square-edge	
Optic Type	Aspheric	
Optic size	6.0 mm	
Overall Diameter	13 mm	
Number of haptics	2	
Min. incision size	2.2 mm	



Product and specifications are subject to change without notice



Not available in the US

ONE, TWO, THREE WITH AQUAFREE

AquaFree Preloaded

Efficient minimal invasive surgery



Clear & Yellow Hydrophobic Aspheric IOLs

Summary of Benefits

- Square Edge design
- Exceptional clarity – no glistening
- Haptics outcomes refractive predictable and stability axial for designed

Foldable lens – Single piece – Hydrophobic

Overall Diameter: 13.0 mm
 Optic Diameter: 6.0 mm

1
 Add viscoelastic



2
 Remove the lens positioning clip



3
 Close cartridge



The IOL is now ready for injection

Product and specifications are subject to change without notice

Not available in the US

RUMEX is the official distributor of Swiss company Medcel in all countries with the exception of the United Kingdom, Italy, Ireland and Brazil.

The main goal of which company — making eye surgery safer, simpler and more effective and keeping the incision as small as possible.

Over the last ten years, Medcel have significantly contributed to the development of microsurgical techniques. Particularly in the area of lens injection systems, Medcel has set new benchmarks. Today, more than 1 million lenses are injected per year with Medcel injection systems around the world.

SAFETY, SIMPLICITY, RELIABILITY...

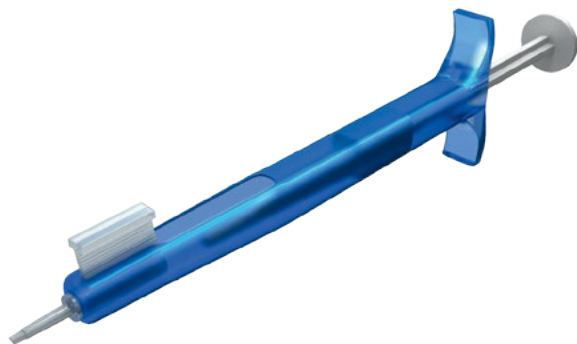
ACCUJECT™



The new ACCUJECT™ – system represents total reliability for safe and effective lens injections. The compact design with integrated cartridge of the fully single-use ACCUJECT™ system enables a simple, predictable loading and positioning of any lens. This allows the surgeon and O.R. personnel to load any lens in the same simple manner. The ACCUJECT™ system is designed for 1- and 3 piece lenses for incision sizes of sub 2.8 to sub 2.2 mm.

MAXIMUM EFFICIENCY WITH MAXIMUM SAFETY

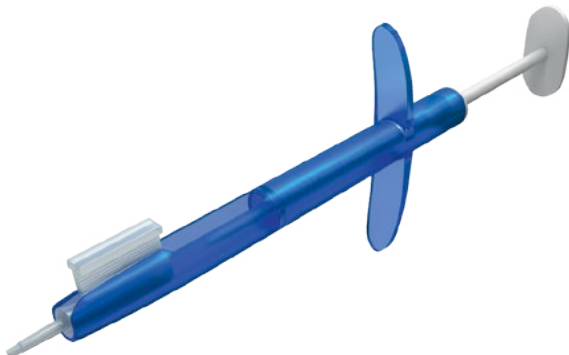
NAVIJECT™



The NAVIJECT™ system from Medcel represents yet another breakthrough for safe and effective micro-incision cataract surgery. Complications associated with the shortcomings of other lens injection systems are now a thing of the past. NAVIJECT™ simplifies the loading of the lens, enables smooth and efficient lens injection and ensures the critical process of lens injection safely.

ADVANCED BUT ECONOMICAL

VISCOJECT™ eco



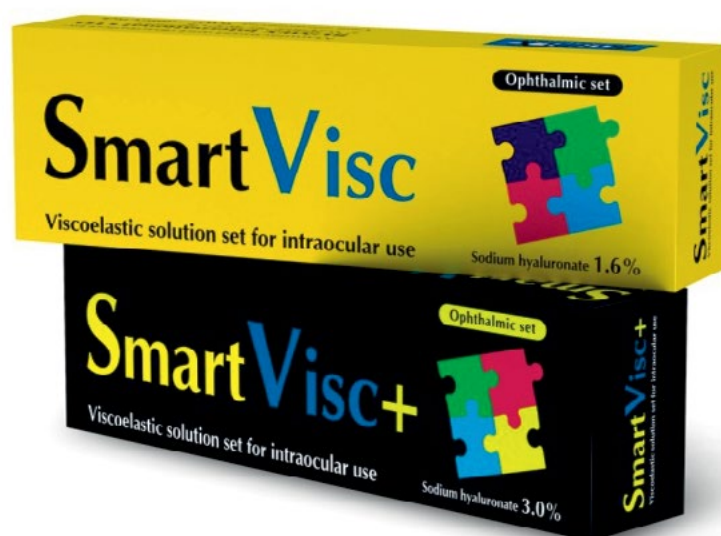
The VISCOJECT-eco is a cost effective solution representing all features of the VISCOJECT system that has changed the world of Micro Incision Cataract Surgery (MICS)!

The VISCOJECT™ eco system includes the original VISCOJECT™ cartridges which are sterile packed in combination with the VISCOJECT™ eco injector. This low cost solution does not make any compromise on product safety and quality.

Not available in the US

NEW TECHNOLOGIES FOR CLEAR VISION

SmartV isc and SmartV isc PLUS



SmartV isc and SmartV isc PLUS are **cohesive** viscoelastics based on sodium hyaluronate from **biotechnical fermentation** and are **free of pyrogenic substances**. They are characterized high molecular weight, high pseudoplasticity and high surface tension. It provides excellent space maintenance, facilitates intraocular lens implantation, and is easily removed.

SmartV isc 1.6% Sodium hyaluronate
 SmartV isc+ 3.0% Sodium hyaluronate

Important Features

- No refrigeration necessary — easier transportation and storage.
- Two different viscosities (80 000&400 000 mPs) can provide Viscoelastic Soft Shell Technique.
- Clear view of posterior capsule during phacoemulsification.
- Soft coating and protection of endothelial cells.
- Controlled capsulorrhexis.
- Excellent protection against mechanical damages.
- Ultrapure Hyaluronic Acid with highest biocompatibility.
- Volume: 1 ml

Not available in the US

Supreme



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

Supreme is a medical device used in the anterior segment surgery of the eye. It has the following unique characteristics:

- It maintains the depth of the AC of the eye
- It protects the periocular tissues
- Outstanding rheological properties
- Completely transparent
- Simple to remove from the AC
- Totally non-antigenic
- Does not contain any proteins likely to cause inflammatory reactions or foreign body reactions
- Does not require refrigeration
- Volume: 2 ml

Not available in the US

Rumex produces a complete line of sponge products used for the management of fluids during ophthalmic procedures. Our PVA and cellulose sponge products are used during cataract and other refractive surgeries. The latest designs of eye spears give a cleaner, wider, and more absorbent eye spear which is ideal for all ophthalmic procedures.

Several speciality PVA products are also available for the care and cleaning of delicate micro instruments which will assist to prolong the life of these expensive instruments.

All our products are manufactured under the strictest management systems and we are committed to ongoing product development.

PVA Spears and Points

Material: 100% PVA

Structure of the material: porous

Shape: lance (planar triangle)



R1-40400 Orange handle. For cataract surgery.
Pack of 5/box of 90

R2-40405 Orange handle. For cataract surgery.
Can be used for LASIK. Pack of 10/box of 180

R1-40401 For cataract surgery. Pack of 5/box: 90

R1-40406 For cataract surgery. Pack of 10/box: 180

Cellulose Spears and Points

Material: cellulose

Structure of the material: dense, quickly absorbed

Shape: lance (planar triangle)



R1-40410 Orange handle. For cataract surgery
Pack of 5/box: 100

R1-40415 Orange handle. For cataract surgery.
Pack of 10/box: 200

R1-40411 For cataract surgery. Pack of 5/box: 100

R1-40416 For cataract surgery. Pack of 10/box: 200

Not available in the US



Corneal Light Shield

R1-40420 7 mm diameter. Material: PVA.
Pack of 1/box: 20



Eye Drains and Wicks

R1-40430 80 cc capacity. Pack of 1/box: 20

R1-40435 400 cc capacity. Pack of 1/box: 10



R1-40431 4 mm x 170 mm. Material: PVA.
Pack of 2/box: 20



Diamond Knife Cleaning Block

R1-40462 Material: PVA. Pack of 1/box: 10



Instrument Wipe

R1-40900 Material: PVA. Pack of 1/box: 20



Lasik Shields

R1-40820 9 mm diameter 7 mm. Pack of 1/box: 20

R1-40821 8 mm diameter 6 mm. Pack of 1/box: 20

R1-40822 4 mm diameter 8 mm. Pack of 1/box: 20



Lasik Drains

R1-40830 42 x 17 x 11.5 mm opening pack of 1/box: 20

R1-40831 40 x 14 x 10.5 mm opening pack of 1/box: 20

Not available in the US

Ultra Purified Silicone Oil – SmartSil®

- Maximum interfacial tension and minimum interactions between tissues, cells and endo-tamponades media
- Optimal combination of specific gravity, refractive index and surface tension
- Different viscosity indexes enable easy injection (1000 cSt) and stable temporary tamponade (5000 cSt)

Physicochemical properties

Interfacial tension	43,2 mNm ⁻¹ at 37°C
Density	0,97 g/cm ³
Viscosity	1000 cSt / 5000 cSt
Refractive index	1,4
Volatility	0,06%
Polydispersity	2,33
Elements potentially toxic	< 3 ppm
Low molecular weights	D4–D9: < 24 ppm D10–D20: ≤ 4 ppm

SmartSil 1000	1000 cSt
SmartSil 5000	5000 cSt

Volume and Packaging:
10 ml in a 20 ml luer lock syringe, sterile, double pouch

Viscous fluid injection cannula

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

10 mm polyimide tip – 5 per box
12-5248 23 Ga



Tubings for syringes are available upon request



Not available in the US

Silicone Oil Infusion Systems



Reusable Tubing System for the Infusion of Silicone Oil
Caprolon Adapter adjustable to:

loltech® Pentasys™
Optikon® Antares™
Alcon® STTO™
Storz® Premiere™
DORC® Harmony Budget™
12-RTUB-1

Reusable Tubing System for the Infusion of Silicone Oil
Caprolon Adapter adjustable to:

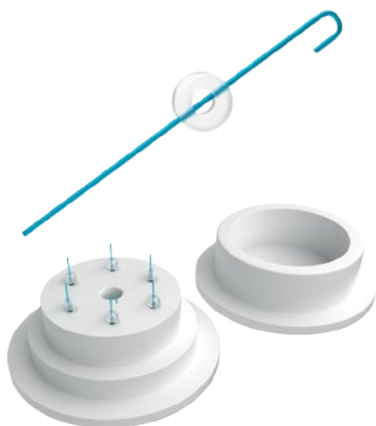
DORC® Associate™
Alcon® Constellation™, Accurus™
12-RTUB-2

Reusable Tubing System for the Infusion of Silicone Oil
Caprolon Adapter adjustable to:

B&L® Millenium™
Stellaris
12-RTUB-3

Reusable Tubing System for the Infusion of Silicone Oil
Caprolon Adapter adjustable to:

Oerli® Orbit™, Faros™, OS3™
12-RTUB-4



Iris Retractors

Reusable Iris Retractor

Retractors in Teflon container
Autoclavable

10-5127 1 pack of 6 pcs



▶ Disposable Iris Retractors

Sterile

10-5016-1 1 pack of 4 pcs
10-5016-5 5 packs of 4 pcs
10-5067-1 1 pack of 5 pcs
10-5067-6 6 packs of 5 pcs

Most Popular

® ™ All trademarks are property of their respective owners

Anterior Segment Instruments

Cataract, Refractive, Corneal transplantation

Index

Small / Micro Incision Instruments

Speculums

Calipers. Gauges. Markers

Blade Holders

Diamond Knives

Scissors

Forceps

Hooks

Spatulas

Needle Holders

Probes. Dilators. Retractors

Miscellaneous

Cataract

Refractive

Corneal

Glaucoma

Pterygium

Lacrimal

Lid and Chalazion

Oculoplastic

View all our
ophthalmic products at
www.rumex.net



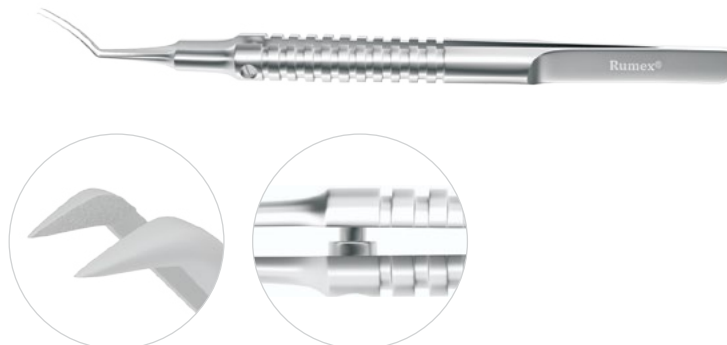
Small Incision Instruments

Microcoaxial Forceps

Capsulorrhexis Forceps With Limiter

- Ultra thin profile
- Limiter prevents the opening of branches for more than 1,8 mm
- Cystotome Tips
- Jaws 11 mm
- Round handle
- Overall length 106 mm
- Stainless Steel

4-0312S



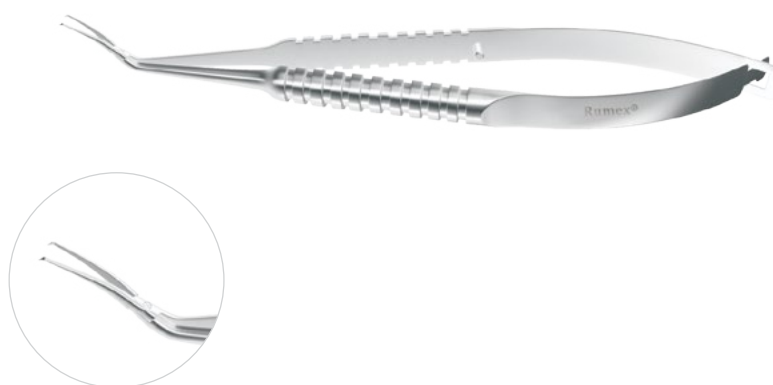
Inamura Type

Rumex Capsulorrhexis Forceps

- Designed to fit through incisions down to 2,0 mm
- Recommended for Coaxial Phacemulsification
- Cross action
- To maintain alignment of tips, prevent leakage of viscoelastic from anterior chamber
- Cystotome tips
- Curved jaws
- Overall length 115/117 mm
- Stainless Steel

4-0391S – Jaws 10 mm for corneal incision

4-0392S – Jaws 12 mm for scleral incision



Coaxial Microphaco Prechopper

Combo Prechopper for sub-2.0 mm incision

- Maximum opening 2.0 mm
- Specially designed to split nuclei through small 2.00 mm incision
- Straight
- Cross action
- Round handle
- Overall length 121 mm
- Stainless Steel

7-1162S



Knives for Small and Micro Incision Coaxial Surgery

- Specially designed to make a Micro Incision
- Angled Knurled Titanium Handle
- Overall Length – 130 mm

6-20/6-140 – 0.5 /1.0 mm width

6-20/6-141 – 0.8 /1.2 mm width

6-20/6-142 – 1.30/1.50 mm width

6-20/6-143 – 1.50/1.80 mm width

6-20/6-144 – 1.80/2.00 mm width

6-20/6-145 – 1.80/2.20 mm width



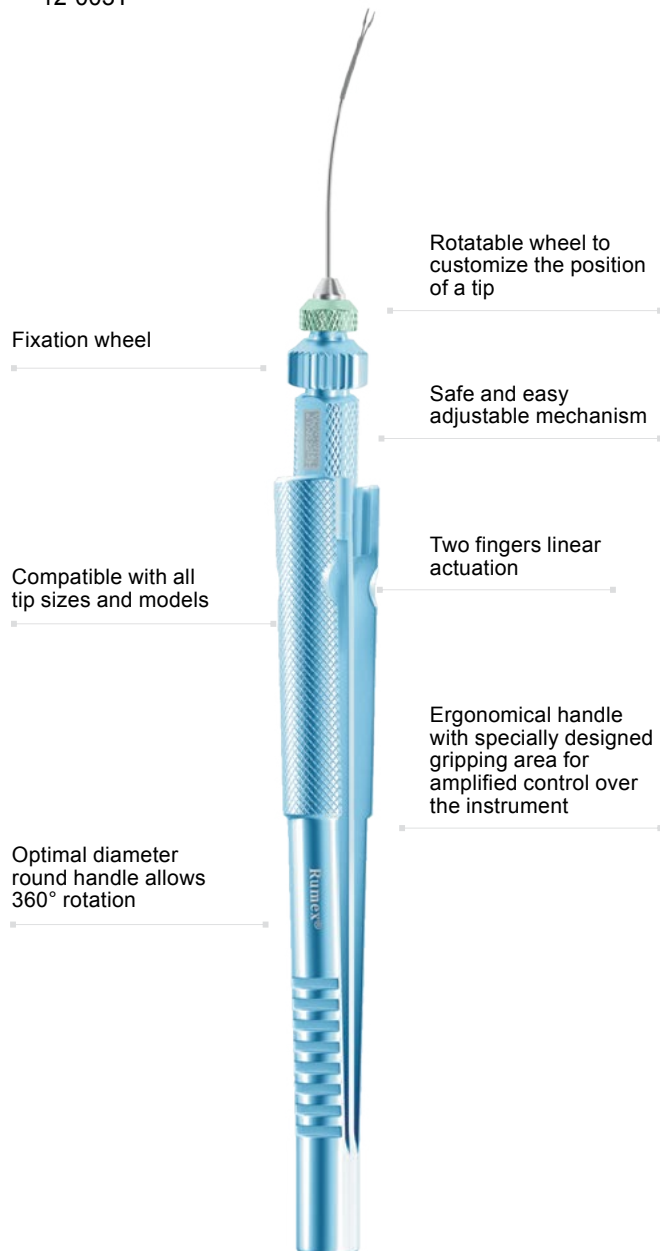
One Universal Handle + Interchangeable Tips*

Microincisional and vitreoretinal instruments are composed of 2 parts - a handle and interchangeable tips. Universal handles fit both microincisional and vitreoretinal tips. Tips can be detached from the handles for better cleaning and sterilization to prevent inflammation after the surgery.

RUMEX Handle for Microincision Instruments

Ergonomic Design
Two Fingers Control Squeeze Model

12-003T



* Tips are sold separately!

Benefits

- Made of titanium
- Corrosion resistant
- The special design minimizes hand fatigue
- Can be used with all MICS and Vitreoretinal tips

Gauge Conversion Chart

Gauge	Outer Diameter	
19Ga	0.043"	1.10 mm
20Ga	0.036"	0.90 mm
21Ga	0.032"	0.80 mm
22Ga	0.028"	0.70 mm
23Ga	0.025"	0.63 mm
24Ga	0.022"	0.55 mm
25Ga	0.020"	0.50 mm
26Ga	0.018"	0.45 mm
27Ga	0.016"	0.40 mm
28Ga	0.014"	0.36 mm
29Ga	0.013"	0.33 mm
30Ga	0.012"	0.30 mm

Color Codes of the Rotatable Wheel

Function	Color Code
Scissors	PINK
Forceps	GREEN

NOTE: The colors of details may differ slightly from those displayed in this catalog.

Manual Cleaning

Proper manual cleaning of the instrument is necessary to preserve its working condition. Rumex manufactures interchangeable microincisional and vitreoretinal instruments to help you clean the tips separately from the handle to expand its useful lifespan and prevent inflammation after the surgery.

Flushing Adapter

This is a specially designed adapter for flushing the microincisional tip.
Provided with each tip free of charge!

12-000T



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

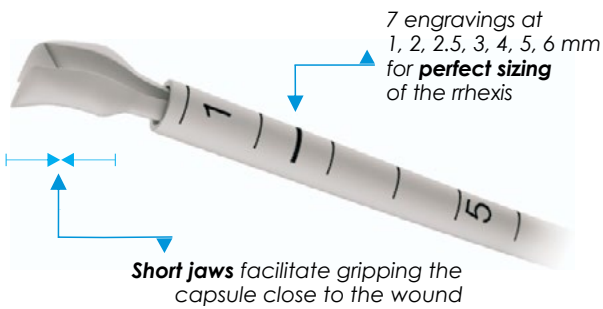
THE NEWLY DESIGNED DELICATE FORCEPS FOR HIGH PRECISION CAPSULORRHESIS

Any mistake when creating capsulorrhesis can quickly lead to serious complications. That's why a properly managed well-centered capsulorrhesis is the determinative phase of phacoemulsification.

Designed in cooperation with Gilles Lesieur, M.D., France



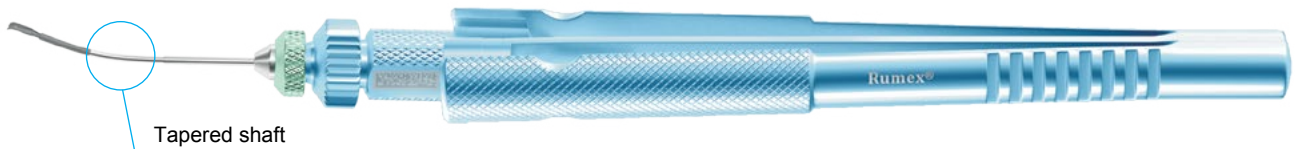
Slightly curved and **short** 23 Ga shaft for **better maneuverability**



7 engravings at 1, 2, 2.5, 3, 4, 5, 6 mm for **perfect sizing** of the rhexis

Short jaws facilitate gripping the capsule close to the wound

Lesieur Tip only
 Capsulorrhesis Forceps with Internal Ruler
 Compatible with Squeeze Handle 12-003T
 4-03742* 23 Ga



Tapered shaft

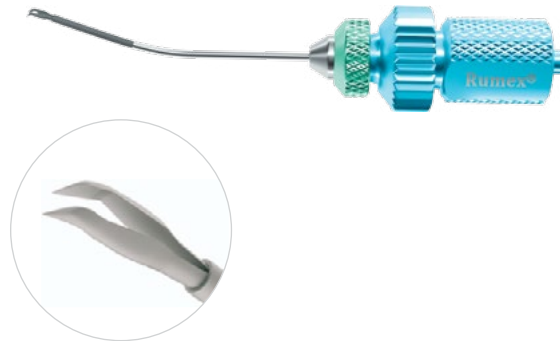
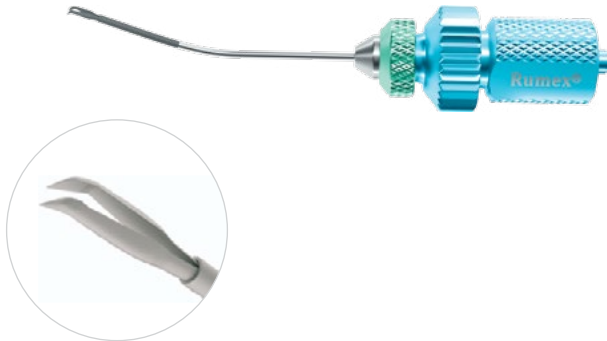


Kawai Tip only
 Capsulorrhesis Forceps
 – Curved tapered elongate 23/25 Ga shaft
 Designed to perform capsulorrhesis through 0.8 mm side-port incision. The construction of the forceps show least adverse effect on the wound.
 – Gripping tips are projected out of 25 Ga shaft
 – Cystotome tips
 Compatible with Squeeze Handle 12-003T (see p.4)
 4-03771* 23/25 Ga

* Handles are sold separately!

Forceps

Designed to perform capsulorrhexis through 0.8 mm side-port incision

**Kershner**

One-Pinch capsulorrhexis Forceps

- Curved 23 Gauge shaft For High Vacuum Phaco
 - Jaws length 2,5 mm
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03731*

23Ga

Kershner**Most Popular**

One-Pinch capsulorrhexis Forceps with Micro Jaws

- Curved 23 Gauge shaft
 - Micro jaws length 1,8 mm
 - Reduced length of the branches for better maneuverability in the anterior chamber during capsulorrhexis
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03741*

23Ga



4-0374

4-0375

Capsulorrhexis Forceps with Internal Ruler, 23Ga**Most Popular**

Capsulorrhexis Forceps with Micro Jaws

- The internal laser marks allow to measure the size of rrhexis
 - Curved 23 Gauge shaft
 - Micro jaws length 0,8 mm
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-0374* – 2 engravings at 3, 6 mm

4-0375* – 6 engravings at 1, 2, 3, 4, 5, 6 mm

Fine-Ikeda

Capsulorrhexis Forceps with Micro Jaws

- Curved 23 Gauge shaft
 - Designed to perform capsulorrhexis through 0.8 mm side-port incision
 - Micro jaws length 0,8 mm
 - Reduced length of the branches for better maneuverability in the anterior chamber during capsulorrhexis
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03751*

23Ga

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied



Ikeda

Most Popular

Micro Capsulorhexis Forceps

- Curved 23 Gauge shaft
- Micro jaws length 0,6 mm
- Reduced length of the branches for better maneuverability in the anterior chamber during capsulorhexis
- Cystotome tips
- With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03761* 23 Ga



Tying Forceps

Intraocular

- Designed for intraocular suturing
- Curved shaft
- Compatible with Squeeze Handle 12-003T

4-1891* 23 Ga



ICL™ Loading Forceps

Coaxial Angled Forceps

- Straight 20 Gauge shaft
- Non rotatable
- Designed to load the ICL™ inside the cartridge to ensure proper positioning by pulling from the distal opening
- Compatible with Squeeze Handle 12-003T

4-21431* 20 Ga



IOL Grasping Forceps

New

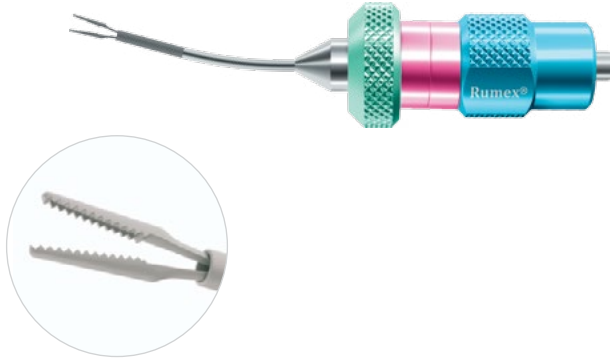
- Curved shaft
- Sand-blasted surfaces for efficient gripping
- Fenestrated jaws for better visualization and haptic manipulation
- Designed to reach and hold the IOL optic and gaptic
- Compatible with Squeeze Handle 12-003T

4-2145* 21 Ga

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Rowen Rescue Kit



Rowen Rescue Kit Forceps

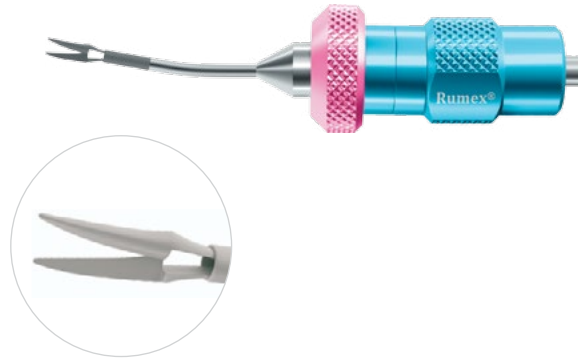
Most Popular

Crocodile Type Intraocular Forceps For Foldable Lens Removal

- To remove silicone or acrylic IOL in case of complications
- Compatible with Squeeze Handle 12-003T

4-2150*

20 Ga



Rowen Rescue Kit Scissors

Most Popular

Straight Intraocular Scissors For Foldable Lens Removal

- Curved shaft
- To remove silicone or acrylic IOL in case of complications
- Compatible with Squeeze Handle 12-003T

4-2151*

19 Ga

Scissors



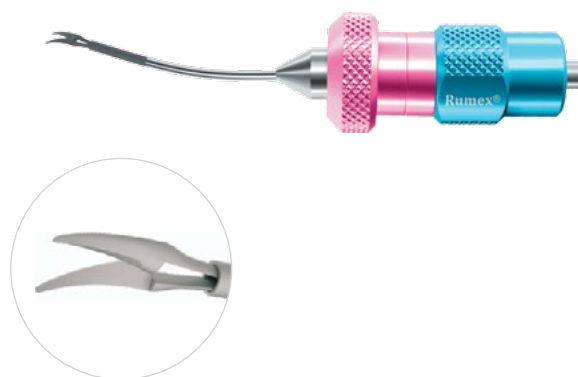
Zaldivar

Iridectomy Scissors

- Straight shaft
- With lock
- Compatible with Squeeze Handle 12-003T

11-03721*

23 Ga



Capsulotomy Scissors

Side Port Capsulotomy Scissors

- Curved shaft
- With lock
- Compatible with Squeeze Handle 12-003T

11-03741*

20 Ga, Left

11-03751*

20 Ga, Right (shown)

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Needle Holders and Punches

Coaxial Needle Holder

For IOL Suturing

- Designed for IOL scleral fixation with suture through a small incision
- Titanium handle with plunger mechanism
- Curved shaft
- To be used with straight and curved spatulated needles with length up to 18 mm (Poly-propylene 10-0 or 9-0)
- Overall length 128 mm

8-120

19 Ga



Tip only



Intraocular Needle Holder

Needle Holder

- Designed for intraocular suturing and manipulations with the IOL
- Curved shaft
- Compatible with Squeeze Handle 12-003T

8-1211-23*

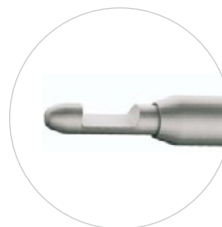
23 Ga

Trabeculectomy Punch

Micro Punch

- 0.6 mm diameter head
- Bullet-shaped tip
- 0.3 mm x 0.6 mm deep bite
- Compatible with Squeeze Handle 12-003T

16-0111*



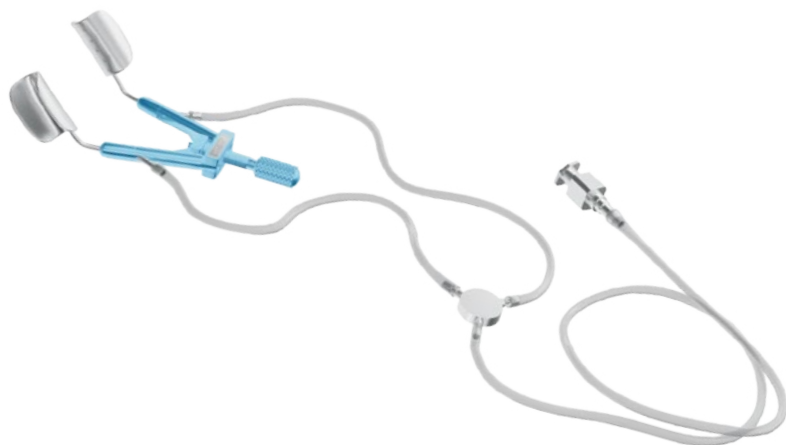
Tip only

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Eye Speculums With Aspiration

Ports on each blade allow continuous aspiration providing better vision during the operation

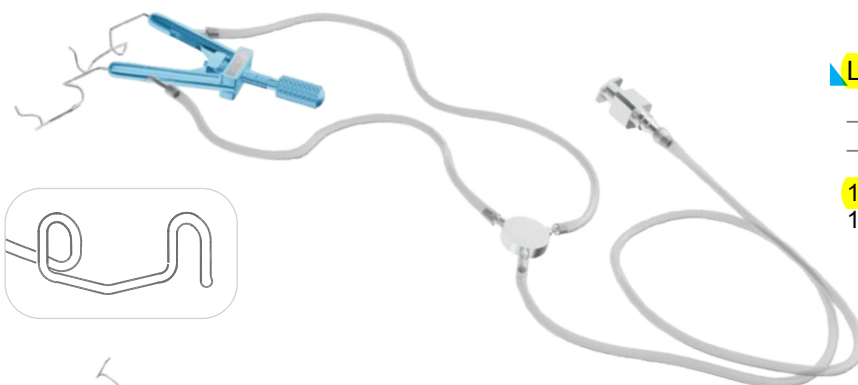


Kershner

- Reversible
Can be used for both nasal & temporal approach.
- Solid blades

14-060A

adult



Lieberman Style

Most Popular

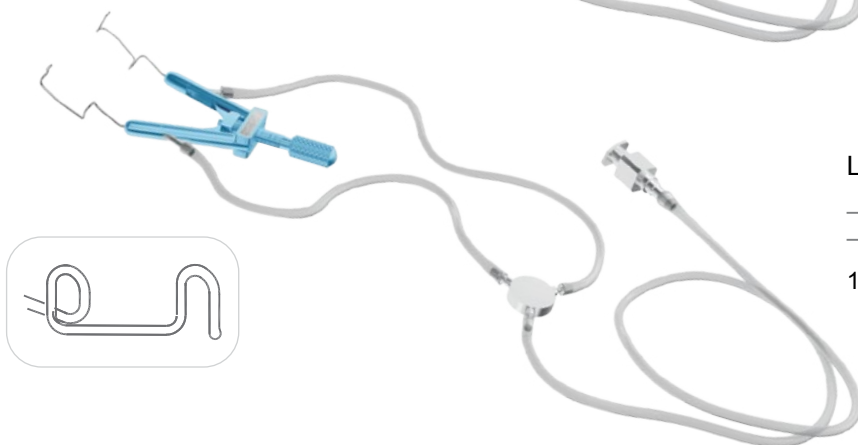
- Temporal
- «V» style open blades

14-080 A

adult

14-082 A

child

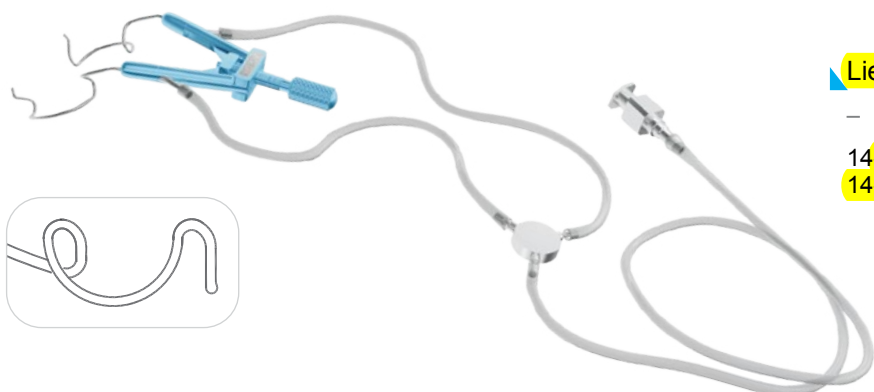


Lieberman Style

- Nasal
- Kratz style open blades

14-081KA

adult



Lieberman Style for LASIK

Most Popular

- Rounded open blades

14-080LA

temporal

14-081LA

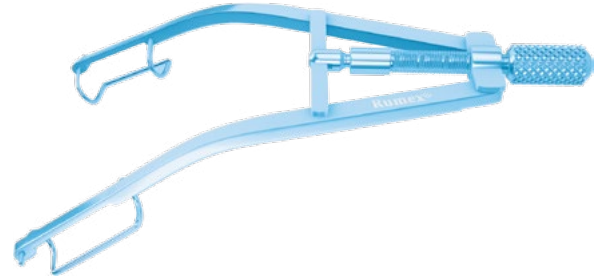
nasal

Castroviejo Speculums

Castroviejo

- 15 mm fenestrated blades
- Blades spread 30 mm
- Flat branches
- Titanium
- Overall length 80 mm

14-061T adult



Reversible Speculums Kershner Style

Can be used for both nasal and temporal approach

Kershner

- Fenestrated blades
- Flat branches
- Titanium
- Overall length 70 mm

14-062T adult



Kershner

- Solid blades
- Round branches
- Titanium
- Overall length 70 mm

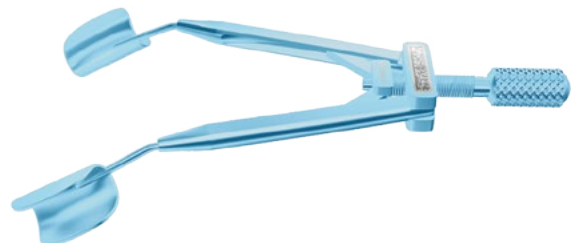
14-060T adult



Kershner

- Solid blades
- Flat branches
- Titanium
- Overall length 70 mm

14-0601T adult



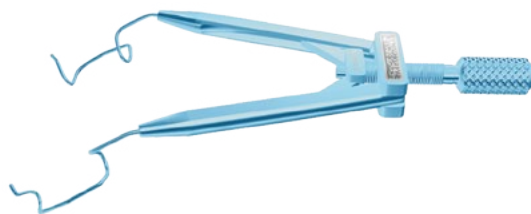
Temporal Speculums Lieberman Style



Lieberman Style **Most Popular**

- Temporal
- «V» style open blades
- Round branches
- Titanium
- Overall length 71 mm

14-040T **adult**
14-042T **child**



Lieberman Style

- Temporal
- «V» style open blades
- Flat branches
- Titanium
- Overall length 76 mm

14-0401T **adult**



Lieberman Style **Most Popular**

- Temporal
- Kratz style open blades
- Round branches
- Titanium
- Overall length 71 mm

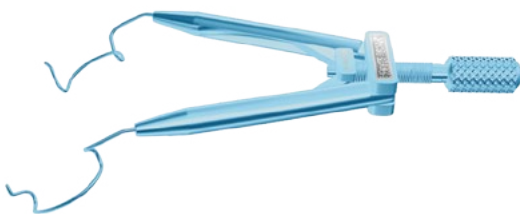
14-040TK **adult**



Lieberman Style

- Temporal
- Kratz style open blades
- Flat branches
- Titanium
- Overall length 76 mm

14-0401TK **adult**

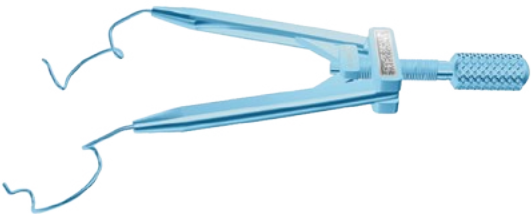


Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Round branches
- Titanium
- Overall length 71 mm

14-040TL **adult**

Specially designed to accommodate microkeratome suction ring



Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Flat branches
- Titanium
- Overall length 76 mm

14-0401TL **adult**

Nasal Speculums Lieberman Style

Lieberman Style

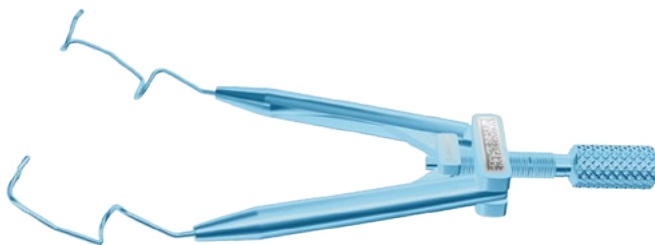
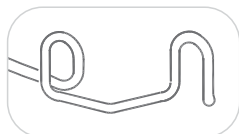
- Nasal
- «V» style open blades
- Round branches
- Titanium
- Overall length 76 mm

14-041T

adult

14-043T

child



Lieberman Style

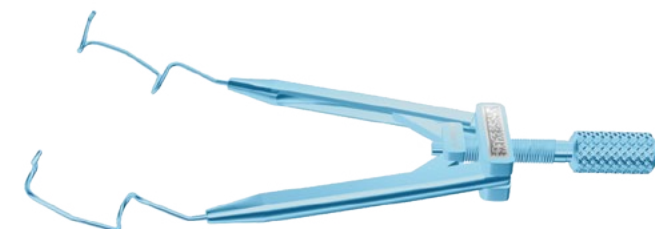
- Nasal
- «V» style open blades
- Flat branches
- Titanium
- Overall length 76 mm

14-0411T

adult

14-0431

child

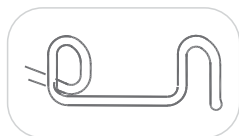


Lieberman Style

- Nasal
- Kratz style open blades
- Round branches
- Titanium
- Overall length 76 mm

14-041TK

adult



Lieberman Style for LASIK

- Nasal
- Rounded open blades
- Flat branches
- Titanium
- Overall length 70 mm

14-0411TL

adult



Specially designed to accommodate
microkeratome suction ring

Solid Blades Speculums



Sauer

- Solid blades
- Blade spread 20 mm
- Overall length 35 mm

14-030	child (8mm blades)
14-031	newborn (5mm blades)
14-032	premature (4mm blades)

Wire Speculums



Barraquer

Most Popular

- Closed wire rounded blades
- Stainless steel

14-022S	adult	(14mm blades)
14-023S	child	(11mm blades)
14-024S	infant	(10mm blades)
14-0244S	newborn	(5mm blades)

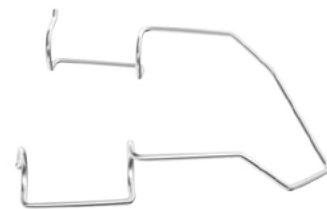


Barraquer

Most Popular

- Solid blades
- Stainless steel

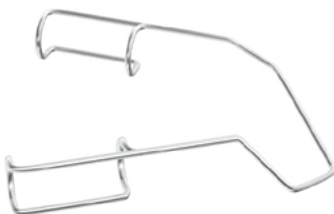
14-0221S	adult	(14mm blades)
14-0231	child	(11mm blades)
14-0241S	newborn	(5mm blades)
14-0222S	premature	(4mm blades)



Barraquer

- Open blades
- Stainless steel
- Overall length 45 mm

14-025S	adult
14-026S	child



Barraquer

Most Popular

- Angled for temporal approach
- Closed wire blades
- Stainless steel
- Overall length 40 mm

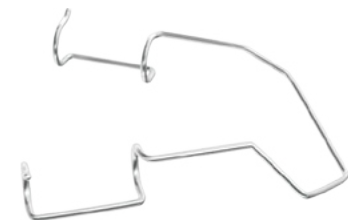
14-028S	adult
14-0281S	child



Barraquer

- Angled for temporal approach
- Open rounded blades
- Stainless steel
- Overall length 40 mm

14-0282S	adult
14-0283	child



Barraquer

- Angled for temporal approach
- Open blades
- Stainless steel
- Overall length 45 mm

14-0286S	adult
14-0287S	child

Calipers and Keratometers



Castroviejo

Most Popular

Caliper

Measures from 0 to 20 mm

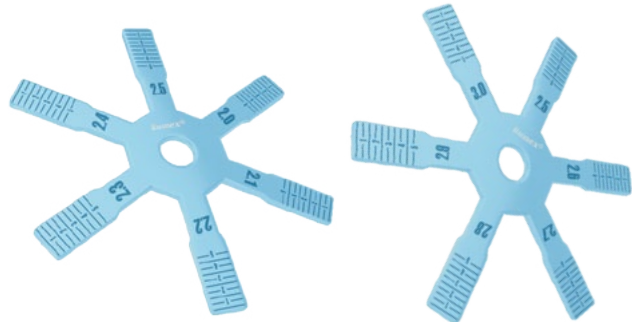
- Scale is engraved on both sides
- Polished finish
- Overall length 87 mm

2-010T

0-20.0 mm

2-010S

0-20.0 mm



Adler

Wound Gauge

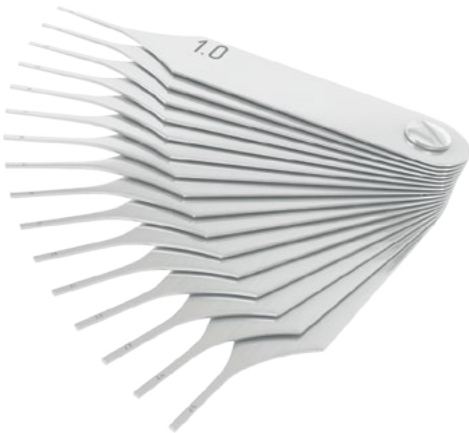
- Used to measure incision width and depth (peripheral to central dimension) of a corneal/limbal wound
- Dull finish
- Titanium

2-064T

2.0-2.5 mm

2-065T

2.5-3.0 mm



Rumex

Internal Micro Incision Gauges

- 16 stainless steel blades
- 0,10 mm increments marks
- Overall length 75 mm
- Stainless steel

2-062S

1.0-2.5 mm



Braunstein

Most Popular

Fixed Caliper

- To make the mark for MVR blade entrance and intravitreal injections
- Marks the distance from limbus to sclera
- 3.5/3.0 mm for aphakic and 4.0/3.5 mm for phakic eyes
- Overall length 80 mm

2-101T

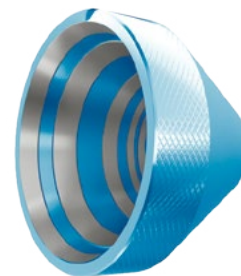
3.0/3.5 mm

2-100T

3.5/4.0 mm

2-100S

3.5/4.0 mm



Maloney

Intraoperative Keratometer

- For qualitative measurement of astigmatism

16-020T

Gauges



LRI Gauge

Limbal Relaxing Incision Gauge
Used to determine incision angles
Can be used with 3-090T Bores
Axis Marker

- Calibrated every 10 degrees from 0° to 180°
 - With atraumatic fixation teeth
 - Dull finish
- Overall length 134 mm
Titanium

2-0311T ID 13mm/ ED 18mm
2-031T ID 13mm/ ED 19mm



Mendez

Degree Gauge

Used to determine incision angles
Can be used with 3-090T Bores Axis
Marker

- Calibrated every 10 degrees from 0° to 180°
 - Dull finish
- Titanium

2-030T

Most Popular

- ID 13mm/ ED 19mm
- Overall length 134 mm

2-033T

- With 4 grooves for better marks visualization
- ID 13mm/ ED 19mm
- Overall length 136 mm

2-0331T

Most Popular

- With 4 grooves for better marks visualization
- ID 13mm/ ED 16.5mm
- Overall length 122 mm

Axis Markers

Used with Mendez and LRI Gauges (2-0311T, 2-030T, 2-033T, 2-031T, 2-0331T) to mark the axis



Bores

Axis Marker
Used with Mendez and LRI Gauges to
mark the axis.

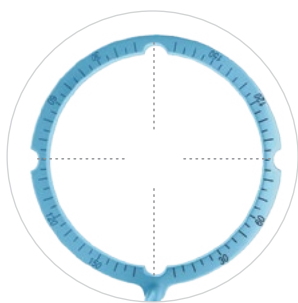
- Intra-Op
- Overall length 130 mm
Titanium

3-090T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

New!**GROOVED FINE MENDEZ DEGREE GAUGE AND BORES AXIS MARKER**

The optimal placement of Toric IOL is essential, because a slight misalignment leads to error of correction, loss of image clarity and it is impossible to resolve the problem without re-operation. A pair of instruments helps to produce accurate marks for the desired axis of Toric IOL alignment.

**Mendez**

Grooved Fine Mendez Degree

Used to determine incision angles

Can be used with 3-091T Bores Axis Marker

- Calibrated every 5 degrees from 0° to 180°
 - With 4 grooves for better marks visualization
 - Internal diameter 12 mm/external diameter 14 mm
 - Dull finish
- Overall length 120 mm
Titanium

2-034T

**Bores**

Axis Marker

Used with Mendez 2-034T to mark the axis.

- Intra-Op
- Overall length 130 mm
Titanium

3-091T

PERFECT COMBINATION!

Capsulorrhexis Markers Optical Zone / Corneal Transplant Markers



Whipple Capsulorrhexis Most Popular

Centration Marker

- Creates circular mark on the cornea to help gauge the size of the capsulotomy and its position
- Double Ended with 5.5/6.0 mm diameter

3-040

Hoffer

Optical Zone Marker

- With cross hairs
- Overall length 130 mm
- Titanium

3-0201T	2.50 mm	3-0211T	5.00 mm
3-0202T	2.75 mm	3-0212T	5.50 mm
3-0203T	3.00 mm	3-0213T	6.00 mm
3-0204T	3.25 mm	3-0215T	7.00 mm
3-0205T	3.50 mm	3-0216T	7.50 mm
3-0206T	3.75 mm	3-0217T	8.00 mm
3-0207T	4.00 mm	3-0218T	8.50 mm
3-0208T	4.25 mm	3-0219T	9.00 mm
3-0209T	4.50 mm	3-0220T	9.50 mm
3-0210T	4.75 mm		



Osher-Neumann

Corneal Marker

- Low Profile
- 8 radial blades
- Overall length 130 mm
- Titanium

3-0304T



Corneal Transplant

Marker

- 7 mm ring with 8 radial blades
- With centre pointer
- Overall length 130 mm
- Titanium

3-140T



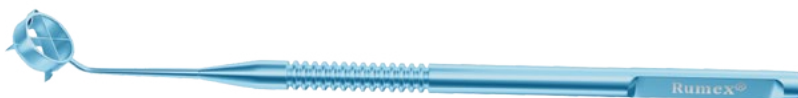
LASIK Markers LRI / Toric IOL Markers

Lavery LASIK

Marker

- 8,5 mm optical zone
 - 5 asymmetrical marking lines to ensure right placement of a corneal flap
 - With an optical centre sight
- Overall length 130 mm
Titanium

3-174T

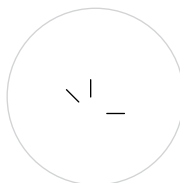
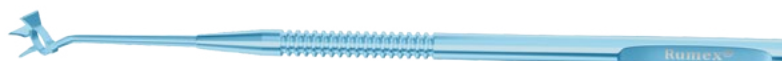


LASIK Flap

Marker

- 3 asymmetrical marking lines to ensure right placement of a corneal flap
 - Designed both for nasal and superior hinge
- Overall length 130 mm
Titanium

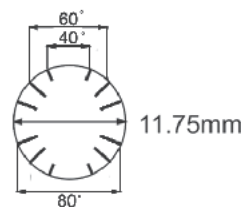
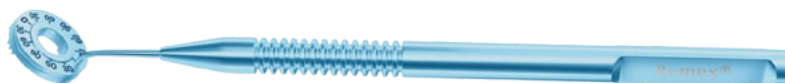
3-176T



LRI Marker

- Intra-Op
 - Automatically creates marks at 40-60-80 degrees
- Overall length 130 mm

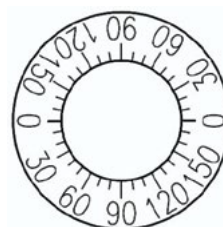
3-1801



Toric IOL Marker

- Intra-Op
 - Designed for LRI/Toric IOL implantation
- Overall length 130 mm

3-181



LRI / Toric Markers With Gravity Weight System

Gravity weight system assures excellent visualization and balance



Slit Lamp

Most Popular

Rumex Toric/LRI Marker

- Pre-Op
 - To mark precision horizontal axis at the slit lamp at 3' and 9'
- Overall length 136 mm

3-1921



Whitehouse

Most Popular

Gravity Axis Marker

- Pre-Op
 - Marks the limbus at 3, 6 and 9 o'clock
 - Helps to avoid the effect of cyclotortion
 - Gravity weight system assures excellent visualization and balance
- Internal diameter 11 mm/external diameter 14 mm
Overall length 155 mm

3-193

3-1931

Angled shaft

Straight shaft



Whitehouse

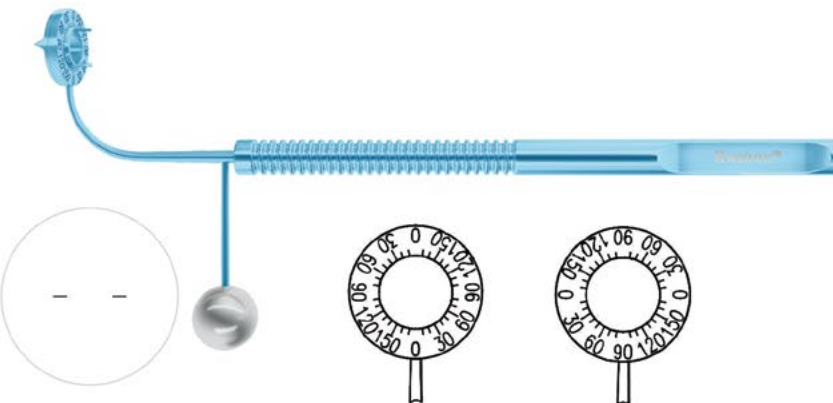
Most Popular

Gravity Axis Marker II

- Pre-Op
 - Marks the cornea at 3, 6 and 9 o'clock
 - Helps to avoid the effect of cyclotortion
 - Gravity weight system assures excellent visualization and balance
- Internal diameter 9,5 mm/external diameter 12 mm
Overall length 153 mm

3-1932

Straight shaft



Rumex Toric Combo

Most Popular

Marker

- Pre-Op marker to mark the axes while the patient is in sitting position
 - Marks both horizontal and toric axes pre-operatively, which eliminates an Intra-Op step
 - Provided with rotating ring for accurate alignment.
 - Reduces cyclotorsion effect in supine position
- Overall length 125 mm

3-194

3-1941

Vertical axis

Horizontal axis

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

NEW MARKERS FOR LRI/IOL IMPLANTATION WITH GRAVITY WEIGHT SYSTEM



Velasquez

New

Gravity Corneal Marker for LRI/Toric IOL implantation

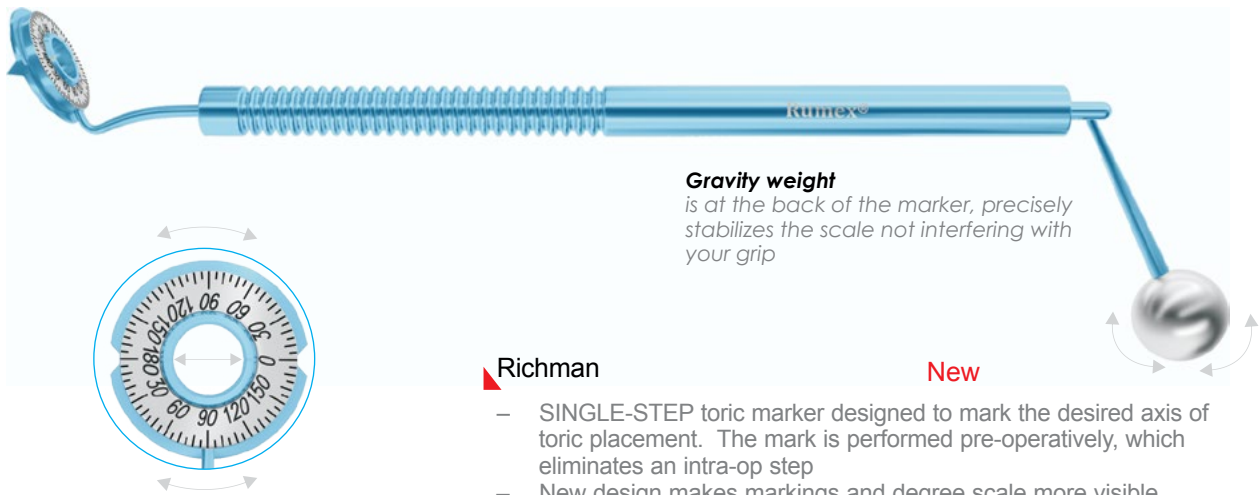
- 4 radial blades mark the horizontal and vertical meridians of the visual axis
- The internal marks help to check the IOL alignment in the end of surgery
- The central 5 mm ring serves as a guide for capsulorrhexis
- The outer ring protects blades from damage
- Angled shaft helps to avoid touching the lower eyelid



Designed in cooperation with Jaime Velasquez O'Byrne, M.D., Colombia

3-195

Angled shaft



Gravity weight

is at the back of the marker, precisely stabilizes the scale not interfering with your grip

Richman

New

- SINGLE-STEP toric marker designed to mark the desired axis of toric placement. The mark is performed pre-operatively, which eliminates an intra-op step
- New design makes markings and degree scale more visible, allowing better accuracy
- The outer barrel has indentations which make it easy to rotate
- ERGONOMIC handle is angled to avoid the lower eyelid when marking while still being able to rest your hand on the patient's cheek for stability
- Gravity weight is at the back of the marker, not interfering with your grip
- There is a wide central opening for better centration when marking

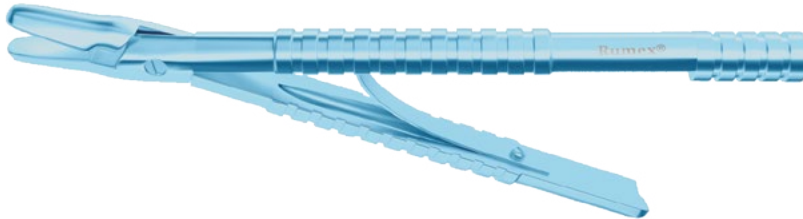


Designed in cooperation with Jesse Richman, M.D., USA

3-196

Angled shaft

Blade Holders



Blade Holders

Most Popular

- Round knurled handle with end lock
- Polished finish
- Overall length 95 mm
- Titanium

1-010T

Bard Parker Handle

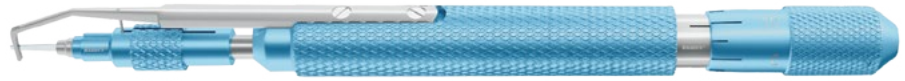
- Flat serrated handle
- Overall length 130 mm
- Stainless Steel or Titanium

1-020S

Astigmatic Keratotomy

Astigmatic Keratotomy Knives

Micrometric Handle, Titanium



6-00/6-020
Astigmatic & Arcuate
1.00 mm width



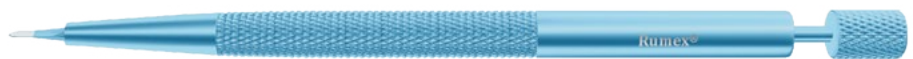
6-00/6-030
Arcuate
1.00 mm width



Corneal Transplant / Universal Side Port

Alfonso Corneal Transplant Knife

Round Knurled Handle, Titanium
Overall Length – 110 mm
The cutting edge is situated in the middle part of the blade exposed to the tissue
The upper part of the blade is blunt to avoid the damage of iris or lens

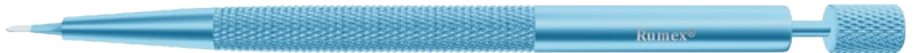


6-10/6-056
1.00 mm width



Universal Straight Side Port Knives

Round Knurled Handle, Titanium
Overall Length – 110 mm
Used for making a Paracentesis



6-10/6-050

45° Single Edge
1.00 mm width



6-10/6-0501

45° Double Edge
0.60 mm width



6-10/6-051

30° Single Edge
1.00 mm width



6-10/6-052

45° Double Edge
1.00 mm width



Most Popular

6-10/6-053

Trifacet
1.00 mm width



Most Popular

6-10/6-0531

20° Trifacet
1.00 mm width



6-10/6-054

15° Single Edge
1.00 mm width



6-10/6-070

Lancet 60°
1.00 mm width



6-10/6-071

Lancet 60°
0.80 mm width



6-10/6-076

Multi-Incision
1.00 mm width



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Angled Phaco Knives



Clear Cornea Blades

6-20/6-071 – 2.50 mm width
 6-20/6-072 – 2.80 mm width
 6-20/6-073 – 3.00 mm width
 6-20/6-074 – 3.20 mm width



Facet-Free Crescent Blades

6-20/6-091 – 1.50 mm width
 6-20/6-092 – 2.00 mm width



Angled Phaco Knives

Angled Knurled Handle, Titanium
 Overall Length – 130 mm
 Used for making a Tunnel Incision

Trapezoid Self-Diving Blades

6-20/6-100 – 1.90/2.50 mm width
 6-20/6-101 – 2.70/3.20 mm width
 6-20/6-102 – 3.00/3.50 mm width
 6-20/6-104 – 2.30/2.80 mm width
 6-20/6-105 – 2.60/3.00 mm width
 6-20/6-107 – 2.00/2.30 mm width



Profile of the incision directed
 to the Anterior Chamber

Most Popular

Knives for MICS



Trapezoid Self-Diving Blades

6-20/6-140 – 0.50/1.00 mm width
 6-20/6-141 – 0.80/1.20 mm width
 6-20/6-142 – 1.30/1.50 mm width
 6-20/6-143 – 1.50/1.80 mm width
 6-20/6-144 – 1.80/2.00 mm width
 6-20/6-145 – 1.80/2.20 mm width



Knives for Micro Incision Coaxial Surgery (MICS)

Angled Knurled Handle, Titanium
 Overall Length – 130 mm
 Designed to make a Micro Incision

Zaldivar Blade

6-20/6-0551

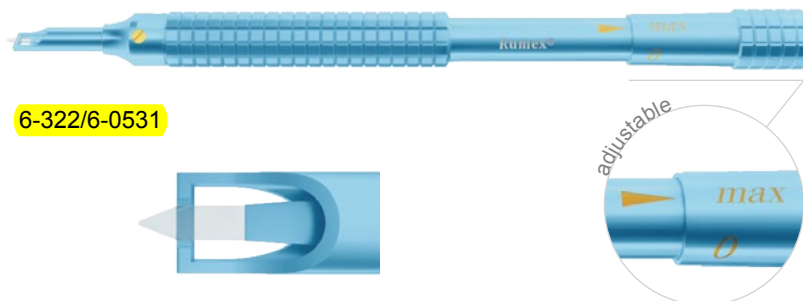
0.55/1.00 mm width
 Designed for ICL™ implantation
 Can be used for other incisions:
 Side Port, Clear Cornea, Scleral Tunnel



LRI Knives

Universal Three-Step Knife for Cataract and LRI Surgery

Three steps: 0.50 mm, 0.55 mm and 0.60 mm for LRI and AK Surgery
 Full extension for Side Port or Phaco Incision
 Single footplate for better visualization
 20° Trifacet Blade
 0.20 – 1.00 mm width
 Overall length – 130mm



6-322/6-0531

Pre-Set LRI Knives

Short handle – 78 mm, Titanium
 20° Trifacet Blade
 0.20 – 1.00 mm width

6-500S/6-0531

Preset depth 500 microns

6-600S/6-0531

Preset depth 600 microns



Most Popular

Pre-Set LRI Knives

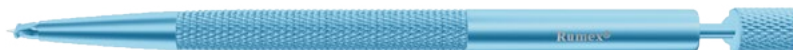
Long Handle – 110 mm, Titanium
 20° Trifacet Blade
 0.20 – 1.00 mm width

6-500/6-0531

Preset depth 500 microns

6-600/6-0531

Preset depth 600 microns



Cleaning Pack

Diamond Knife Cleaning Pack

The pack consists of 3 solutions that are used to clean the blade off residual debris prior to sterilization

21-602-1



Corneal Scissors



Castroviejo

Corneal Scissors
 – Curved
 – 11 mm blades
 – Blunt tips
 Overall length 100 mm
 Stainless Steel

11-010S

Left (shown)

11-0101S

Right



Castroviejo

Most Popular

Universal Corneal Scissors
 – Blunt tips
 Overall length 102/106 mm
 Stainless Steel

11-011S

7,5 mm blades

11-012S

11 mm blades (shown)



Osher

Universal Corneal Scissors
 – Gently curved
 Provide a precise 6,5 mm beveled
 incision opening with a single snip
 – 21 mm blades
 – Blunt tips
 Overall length 120 mm
 Stainless Steel

11-013S



Castroviejo

Universal Corneal Scissors
 – Curved
 – 16 mm blades
 – Blunt tips
 Overall length 110 mm
 Stainless Steel

11-015S



Katzin

Corneal Transplant Scissors
 – Strongly curved
 – Medium blades
 – Blunt tips
 Overall length 100 mm
 Stainless Steel

11-020S

Left (shown)

11-0201S

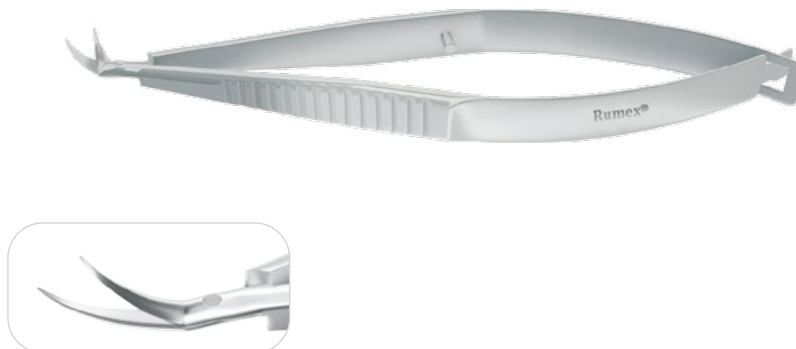
Right

Castroviejo

Corneal Section Scissors

- Lower blade 0.5 mm longer than upper blade
- 14 mm blades
- Overall length 106 mm
- Stainless Steel

11-024S Right (shown)
11-0241S Left



Corneal

Most Popular

Universal Scissors

- Round handle
- Blunt tips
- Overall length 110 mm
- Stainless Steel

11-034S 7,5 mm blades
11-035S 11 mm blades (shown)

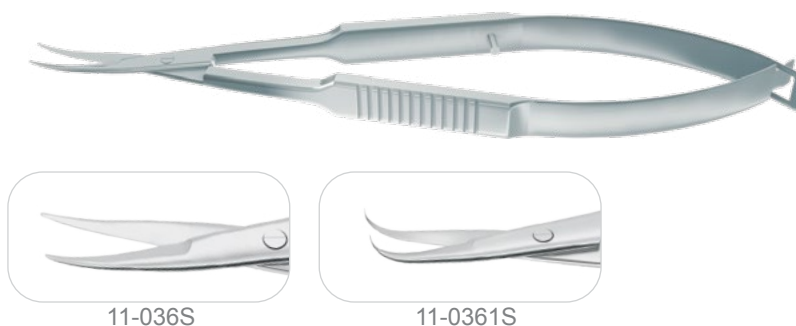


DLEK

Corneal Transplant Scissors

- Long blades
- For the removal of the posterior cornea
- Overall length 102/110 mm
- Stainless Steel

11-036S Medium curve
11-0361S Strong curve

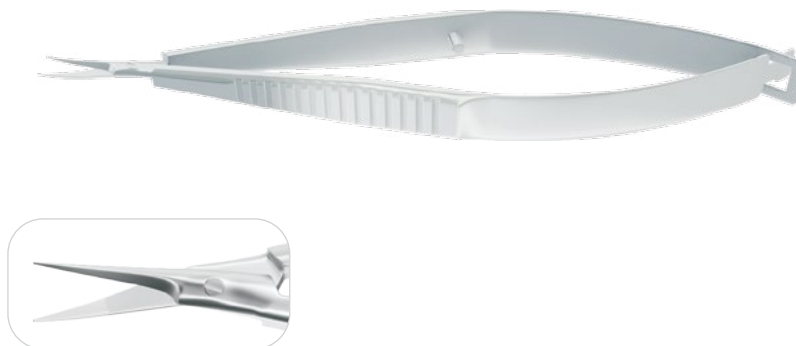


DALK

Corneal Transplant Scissors

- Blades with blunt legde (Descemet's membrane protection)
- Used to perform the superficial keratectasia (removal of superficial layers of corneal stroma).
- Used to remove the 4 parts of separated stromal layers after the «Big Bubble» procedure.
- Stainless Steel
- Overall length 102/110 mm

11-038S Right (shown)
11-0381S Left



Iris Scissors

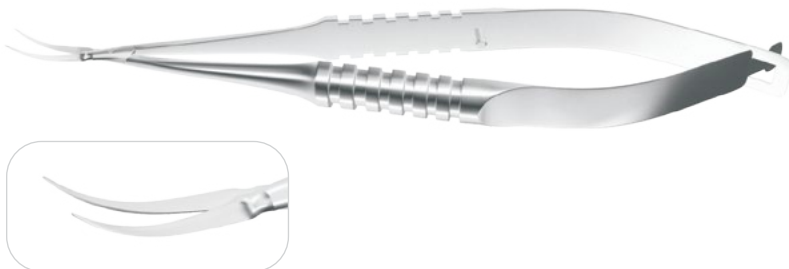
**Zaldivar**

Iridectomy Scissors

- Straight shaft
- Compatible with Squeeze Handle (12-003T)

11-03721*

23 Ga

**McPherson-Vannas**

Iris Scissors

- Straight
- 8 mm blades
- Sharp pointed tips
- Round handle
- Overall length 85 mm
- Stainless Steel

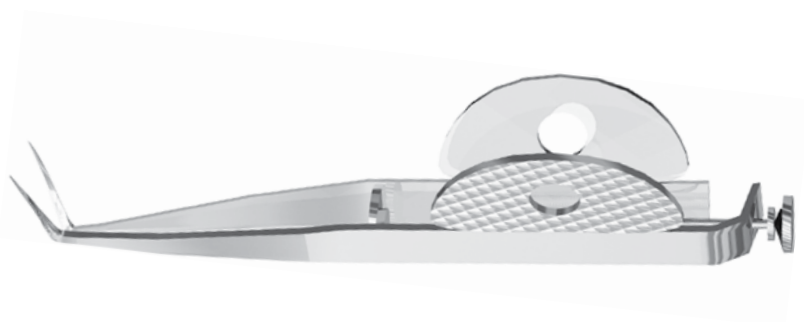
11-062S

**Iris Scissors**

- Pointed tips 28 mm
- Ring handle
- Overall length 125 mm
- Stainless Steel

11-080S

11-081S

Straight (shown)**Curved****Barraquer**

Iris Scissors

- 8 mm blades
- Blunt tips
- Squeeze action handle
- Overall length 54 mm
- Stainless Steel

11-1223

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Stitch Scissors

Westcott

Most Popular

Stitch Scissors

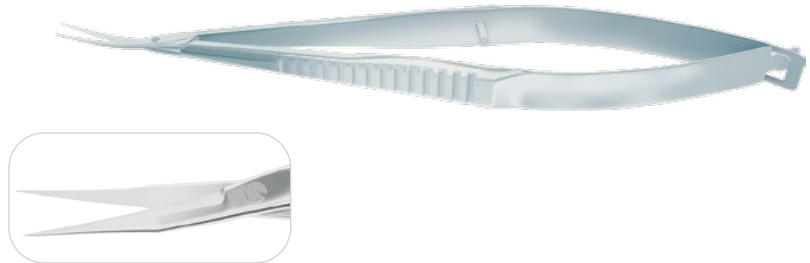
- Gently curved
- 16 mm blades
- Sharp pointed tips
- Overall length 120 mm
- Stainless Steel

11-044S

Standard jaws (shown)

11-125S

Westcott type slim jaws



Westcott

Stitch Scissors

- Gently curved
- 13 mm blades
- Sharp pointed tips
- Overall length 115 mm
- Stainless Steel

11-046S

Flat Handle (shown)

11-047S

Round Handle



Strabismus Scissors

Knapp

Strabismus Scissors

- Ring handle
- Overall length 125 mm
- Stainless Steel

11-100S

Straight (shown)

11-101S

Curved



Tenotomy Scissors



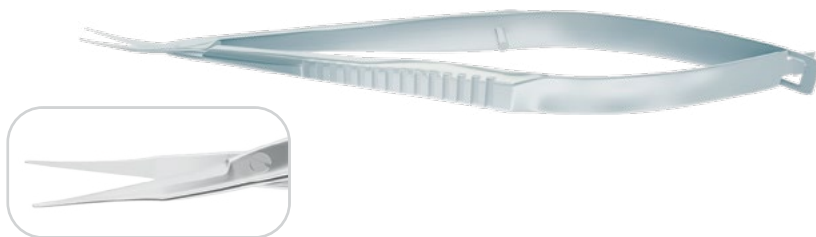
Westcott

Most Popular

Tenotomy Scissors

- Curved
- 13 mm blades
- Blunt tips
- Overall length 115 mm
- Stainless Steel

11-040S



Westcott

Most Popular

Tenotomy Scissors

- Curved
- 16 mm blades
- Blunt tips
- Overall length 120 mm
- Stainless Steel

11-042S



Westcott

Most Popular

Tenotomy Scissors

- Right
- Curved
- 15 mm blades
- Blunt tips
- Overall length 116 mm
- Stainless Steel

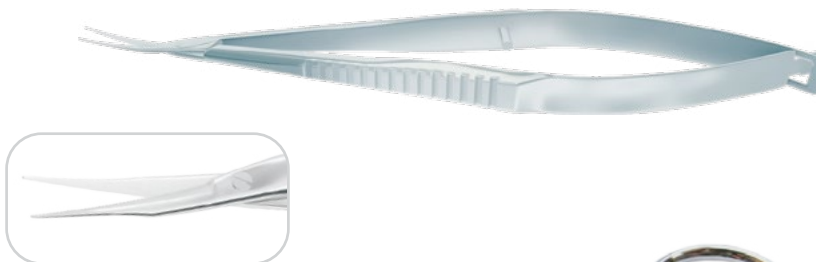
11-048S

Shepard-Westcott

Tenotomy Scissors

- Right
- Curved
- 21 mm blades
- Blunt tips
- Upper blade serrated («supercut»)
- Overall length 115 mm
- Stainless Steel

11-0481S



Stevens

Tenotomy scissors
Overall length 115 mm
Stainless Steel

11-130S

11-131S

11-132S

11-133S

straight, sharp tips

curved, sharp tips

curved, blunt tips

straight, blunt tips (shown)



Capsulotomy Scissors

Side Port

Capsulotomy Scissors

- Curved shaft
- With fixation wheel
- Compatible with Squeeze Handle 12-003T

11-03741* Left (shown) 20 Ga
 11-03751* Right 20 Ga

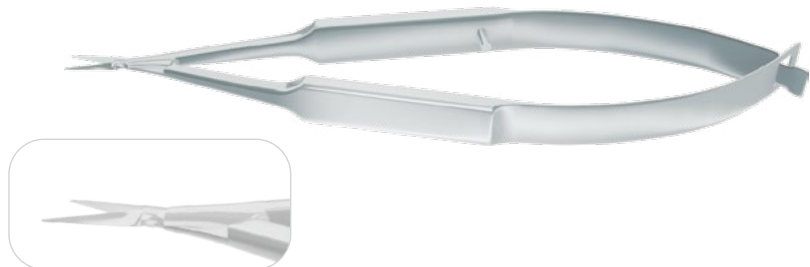


Clayman-Vannas

Swan Neck Capsulotomy Scissors

- Straight
- 5 mm blades
- 13 mm from pivot to tip
- Sharp pointed tips
- Smooth handle
- Overall length 82 mm
- Stainless Steel

11-0501S



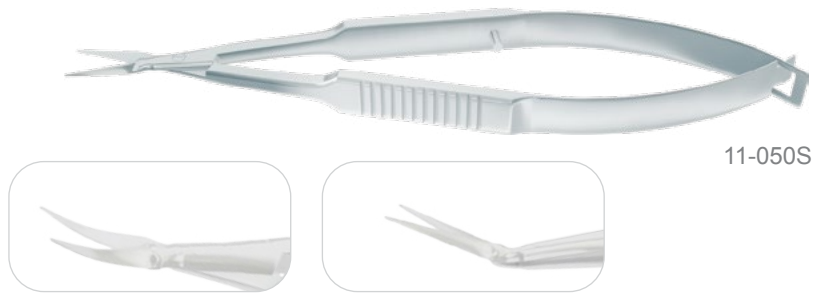
Vannas

Most Popular

Capsulotomy Scissors

- 6 mm blades
- 13 mm from pivot to tip
- Sharp pointed tips
- Overall length 84/84/80 mm

11-050S straight
 11-052S curved
 11-054S angled



11-050S



11-052S



11-054S

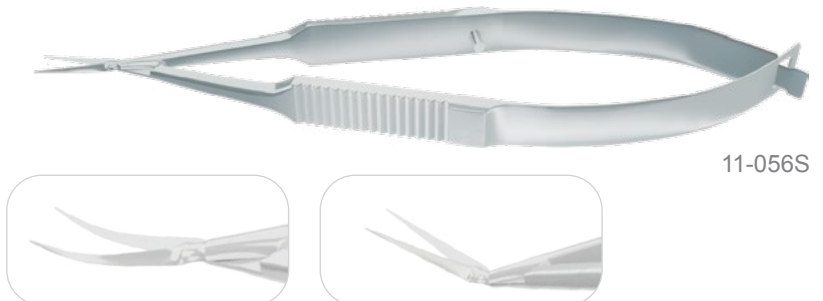
Gills-Vannas

Most Popular

Capsulotomy Scissors

- 10 mm blades
- 7 mm from pivot to tip
- Sharp pointed tips
- Overall length 88/88/84 mm
- Stainless Steel

11-056S straight
 11-058S curved
 11-0581S angled



11-056S



11-058S



11-0581S

Enucleation Scissors

Enucleation Scissors

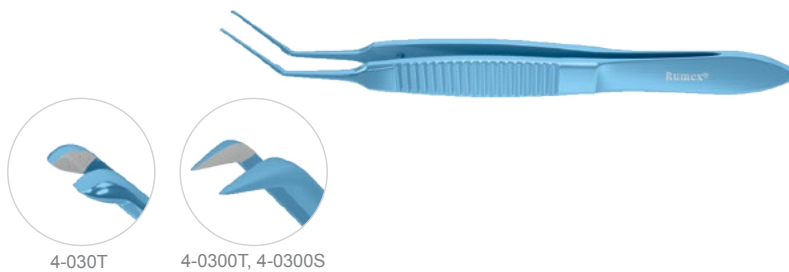
- Curved
- Blunt tips
- Ring handle
- Overall length 110/148 mm
- Stainless Steel

11-090S medium size, 33 mm blades (shown)
 11-091S large size, 48 mm blades



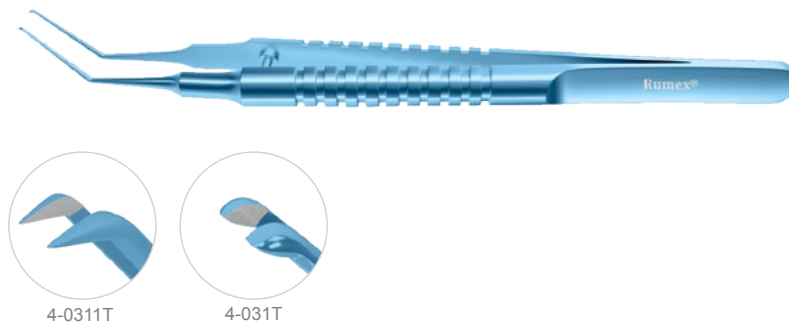
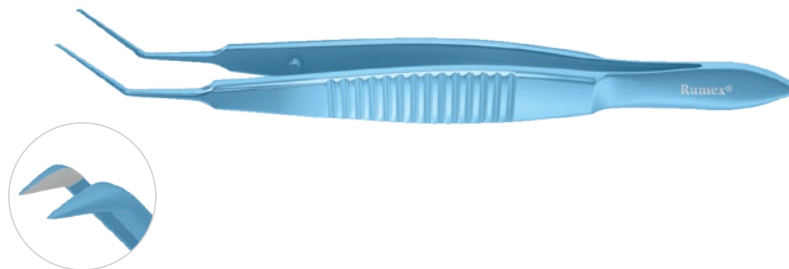
* Handles are sold separately!

Capsulorrhesis Forceps



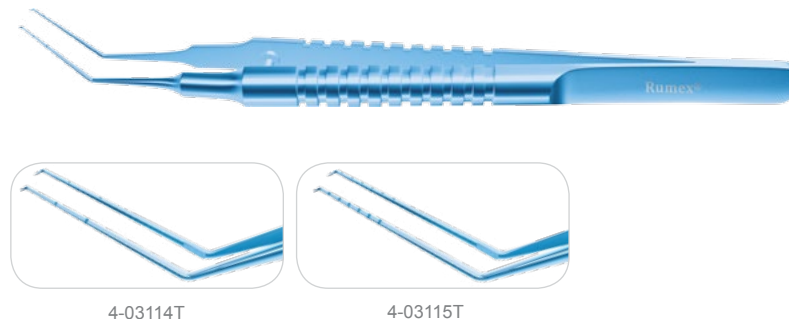
4-030T

4-0300T, 4-0300S



4-0311T

4-031T



4-03114T

4-03115T

Utrata

Most Popular

Capsulorrhesis Forceps

- Straight jaws, 11 mm
- Small size
- Overall length 82 mm
- Titanium or Stainless Steel

4-030T

Regular tips

4-0300T

Cystotome tips

4-0300S

Cystotome tips

Utrata

Most Popular

Capsulorrhesis Forceps

- Straight jaws, 11 mm
- Long handle
- Overall length 107 mm
- Titanium or Stainless Steel

4-0301T

Cystotome tips

4-0301S

Cystotome tips

Utrata

Most Popular

Capsulorrhesis Forceps

- Curved jaws, 11 mm
- Long handle
- Overall length 107 mm
- Titanium

4-0321T

Cystotome tips

Utrata

Capsulorrhesis Forceps

- Straight jaws, 11 mm
- Round handle
- Overall length 110 mm
- Titanium

4-0311T

Cystotome tips (shown)

4-031T

Regular tips

Utrata With Ruler

Capsulorrhesis Forceps

- Straight jaws, 11 mm
- With internal laser marks
- Ultra-thin profile
- Cystotome tips
- Round handle
- Overall length 110 mm
- Titanium

4-03114T 2 engravings at 3,6 mm

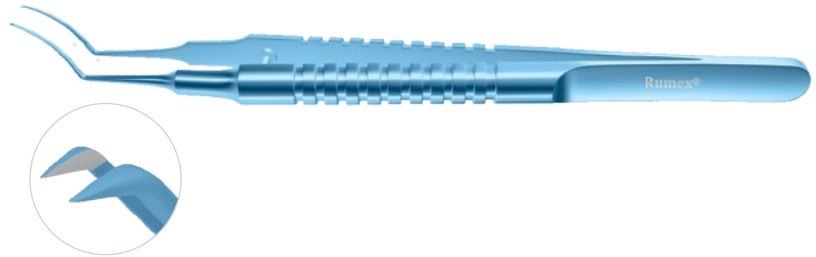
4-03115T 6 engravings at 1,2,3,4,5,6 mm

Capsulorrhexis Forceps

Utrata

- Capsulorrhexis Forceps
- Curved Jaws, 11 mm
 - Round handle
 - Overall length 110 mm
 - Titanium

4-0331T Cystotome tips



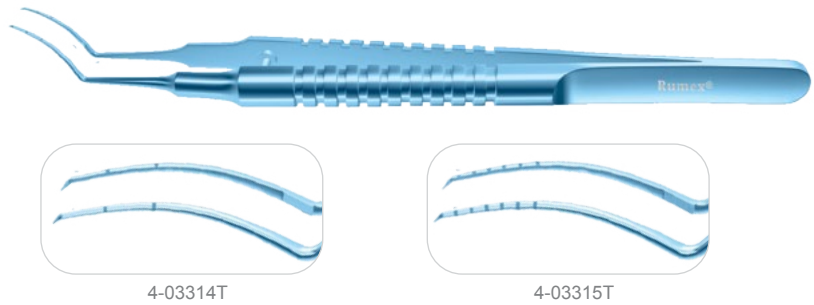
Utrata With Ruler

Most Popular

- Capsulorrhexis Forceps
- Curved jaws, 11 mm
 - With internal laser marks
 - Ultra-thin profile
 - Cystotome tips
 - Round handle
 - Overall length 110 mm
 - Titanium

4-03314T 2 engravings at 3,6 mm

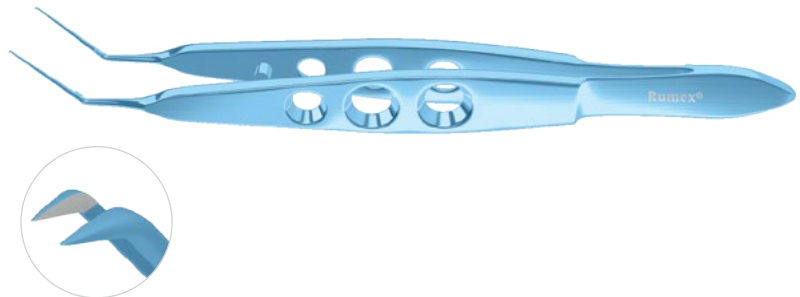
4-03315T 6 engravings at 1,2,3,4,5,6 mm



Nevyas

- Capsulorrhexis Forceps
- Straight jaws, 11 mm
 - Cystotome triangular tips
 - Flat fenestrated handle
 - Overall length 105 mm
 - Titanium

4-0352T Cystotome tips

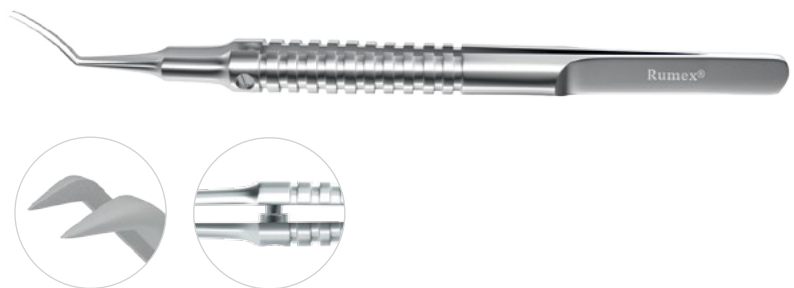


Microcoaxial Forceps

Most Popular

- Capsulorrhexis Forceps With Limiter
- Curved Jaws, 11 mm
 - Ultra-thin profile and limiter for capsulorrhexis even through 2-mm incision
 - Round handle
 - Overall length 106 mm
 - Stainless Steel

4-0312S Cystotome tips



Inamura Type

Most Popular

- Rumex Capsulorrhexis Forceps
- Curved jaws
 - Designed to fit through incisions down to 2,0 mm
 - *Recommended for Coaxial Phacemulsification*
 - Cross action
 - *To maintain alignment of tips, prevent leakage of viscoelastic from anterior chamber*
 - Cystotome tips
 - Overall length 115/117 mm
 - Stainless Steel

4-0391S Jaws 10 mm for corneal incision

4-0392S Jaws 12 mm for scleral incision



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

MICS Capsulorrhexis Forceps



Kershner

One-Pinch Capsulorrhexis Forceps

- Curved 23 Gauge shaft
For High Vacuum Phaco
Designed to perform capsulorrhexis through 0.8 mm side-port incision
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03731* 23Ga



Kershner

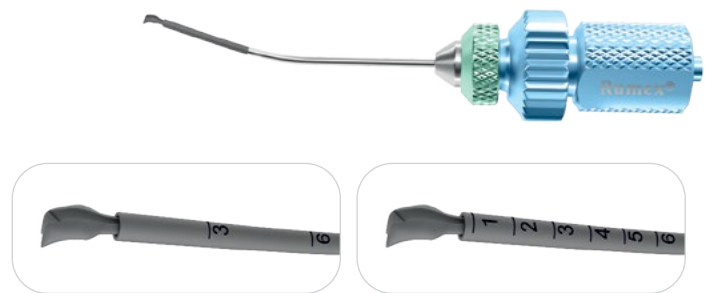
Most Popular

One-Pinch Capsulorrhexis Forceps

with Micro Jaws

- Curved 23 Gauge shaft
Designed to perform capsulorrhexis through 0.8 mm side-port incision
 - Micro jaws
Reduced length of the branches for better maneuverability in the anterior chamber during capsulorrhexis
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03741* 23Ga



Capsulorrhexis Forceps

Most Popular

with Internal Ruler | with Micro Jaws

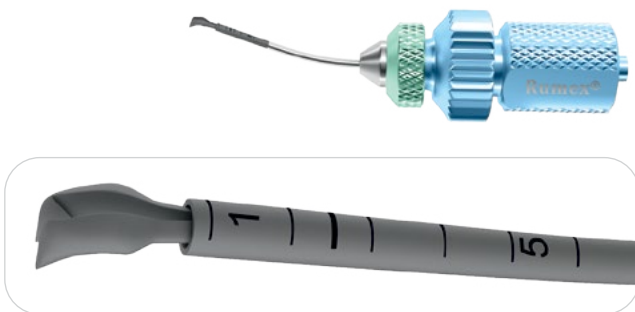
- The internal laser marks allow to measure the size of rhexis
 - Curved 23 Gauge shaft
 - Micro jaws
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-0374* 23 Ga, 2 engravings at 3, 6 mm

4-0375* 23 Ga, 6 engravings at 1, 2, 3, 4, 5, 6 mm

4-0374

4-0375



Lesieur

New

Capsulorrhexis Forceps with Internal Ruler,

- Shorter jaws facilitates gripping the capsule close to the wound
 - Gently curved and short 23 Ga shaft for better maneuverability in the anterior chamber
 - 7 engravings at 1, 2, 2.5, 3, 4, 5, 6 mm for perfect sizing of the rhexis
 - Cystotome tips
 - With fixation wheel
- Compatible with Squeeze Handle 12-003T

4-03742* 23Ga

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

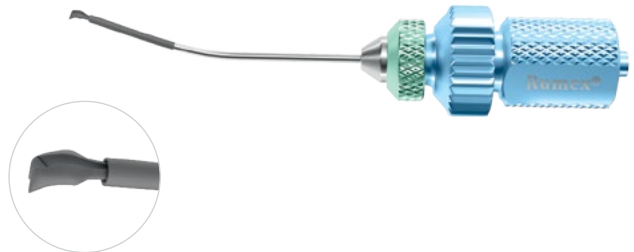
MICS Capsulorrhesis Forceps

Fine-Ikeda

Capsulorrhesis Forceps with Micro Jaws

- Curved 23 Gauge shaft
Designed to perform capsulorrhesis through 0.8 mm side-port incision
- Micro jaws
Reduced length of the branches for better maneuverability in the anterior chamber during capsulorrhesis
- Cystotome tips
- With fixation wheel
Compatible with Squeeze Handle 12-003T

4-03751* 23 Ga



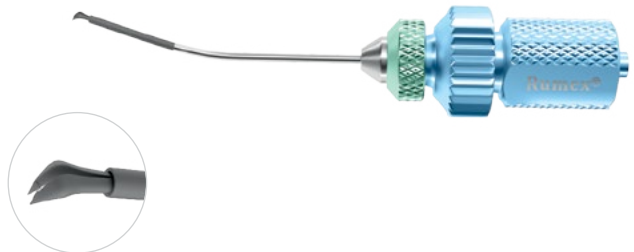
Ikeda

Most Popular

Micro Capsulorrhesis Forceps

- Curved 23 Gauge shaft
Designed to perform capsulorrhesis through 0.8 mm side-port incision
- Micro jaws
Reduced length of the branches for better maneuverability in the anterior chamber during capsulorrhesis
- Cystotome tips
- With fixation wheel
Compatible with Squeeze Handle 12-003T

4-03761* 23 Ga



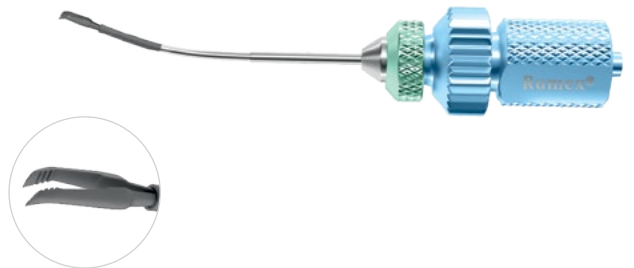
Kawai

New

Capsulorrhesis Forceps

- Curved tapered elongate 23/25 Ga shaft
Designed to perform capsulorrhesis through 0.8 mm side-port incision.
The construction of the forceps show least adverse effect on the wound.
- Gripping tips are projected out of 25 Ga shaft
- Cystotome tips
- With fixation wheel
Compatible with Squeeze Handle 12-003T

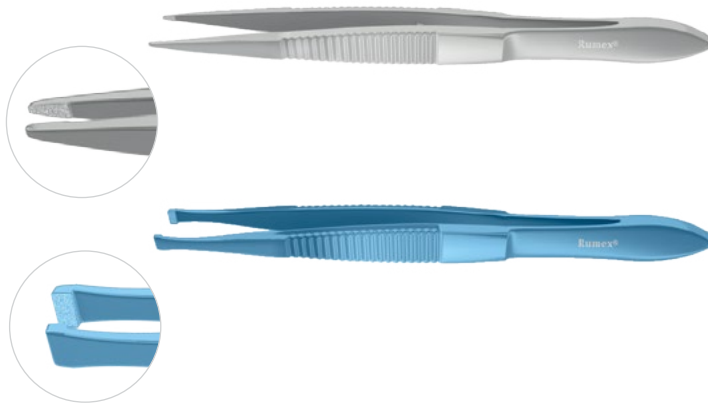
4-03771* 23/25 Ga



* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Cilia Forceps



Cilia

Narrow Forceps

- Smooth jaws
- Overall length 86 mm
- Stainless Steel or Titanium

4-042S (shown)

4-042T

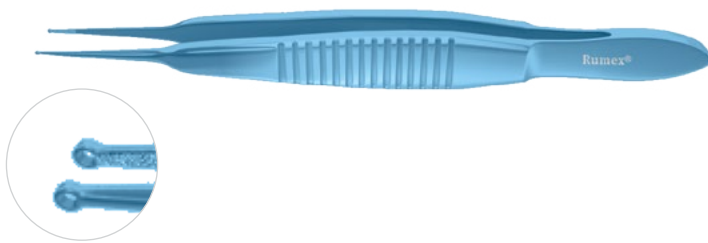
Cilia Forceps

Wide Forceps

- Smooth jaws
- Overall length 85 mm
- Titanium

4-043T

Conjunctiva Forceps



Fechtner

Most Popular

Conjunctiva Forceps

- Delicate ring tip jaws
- Overall length 108 mm
- Titanium

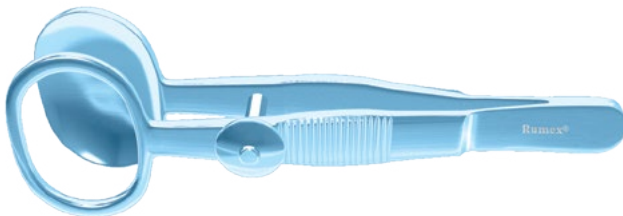
4-2301T

Flat Handle (shown)

4-2302T

Round Handle

Lid and Chalazion Forceps



Desmarres

Chalazion Forceps

- Solid lower plate, open upper plate
- Locking thumb screw mechanism
- Overall length 96/90/92 mm
- Titanium

4-1906T

Large Size

31x20mm (shown)

4-1907T

Small Size

20x13mm

4-1912T

Medium Size

24x16mm

Lambert

Chalazion Forceps

- Round solid lower plate, open upper plate
- Locking thumb screw mechanism
- Overall length 92/97 mm
- Titanium

4-1908T

Small

8 mm ID of the upper plate

4-1909T

Medium

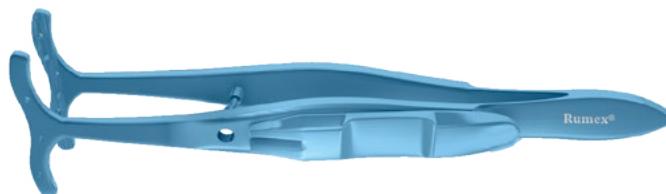
12 mm ID of the upper plate (shown)

Putterman

Lid Clamp

- 6 Pins
- Serrated jaws
- Sliding lock
- Overall length 100 mm
- Titanium

4-140T



New Rumex Forceps!



Compressing Lid Forceps

Dysfunctional meibomian glands often cause dry eyes, one of the more common eye conditions. They may also contribute to blepharitis. Inflammation of the meibomian glands (also known as meibomitis, meibomian gland dysfunction, or posterior blepharitis) causes the glands to be obstructed by thick waxy secretions. Physical expression of the blocked glands has the goal of removing gland obstruction. This instrument obtains quick and delicate meibum expression by equal compressing of the eyelid from the internal and the external sides.

Overall length 112 mm
Titanium

4-1913T

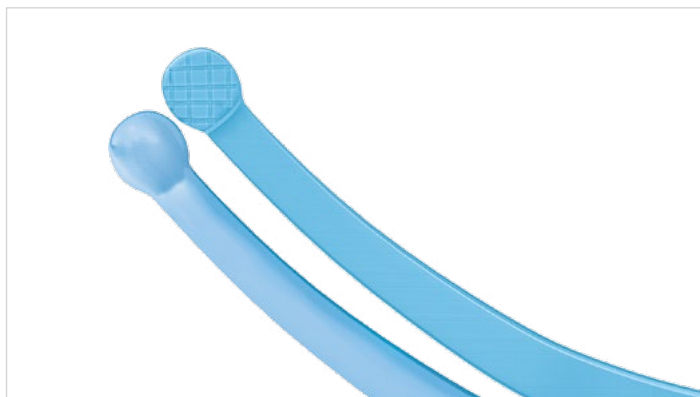


LASIK Flap Forceps

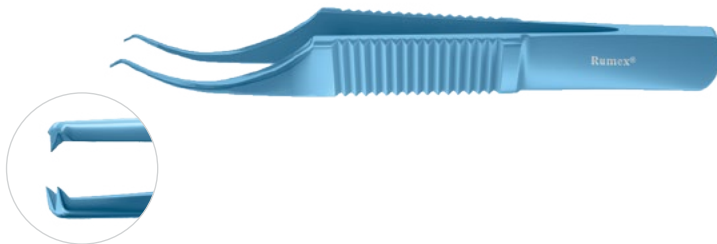
Specially designed for LASIK.
For atraumatic corneal flap lifting and holding.

- Blunt, circle-shaped
 - Criss-cross serrated jaws
 - Curved shafts
- Overall length 108 mm
Titanium

4-2206T



Corneal Forceps

**Colibri****Most Popular****Corneal Forceps**

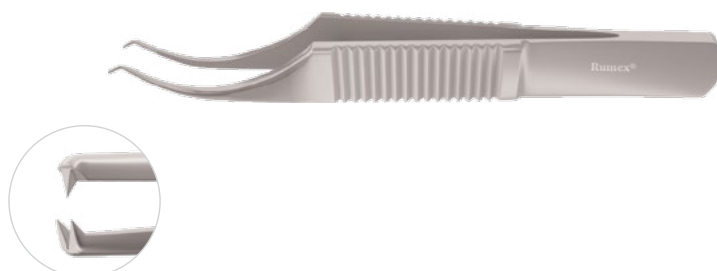
- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Overall length 84 mm
- Titanium

4-050T**Colibri**

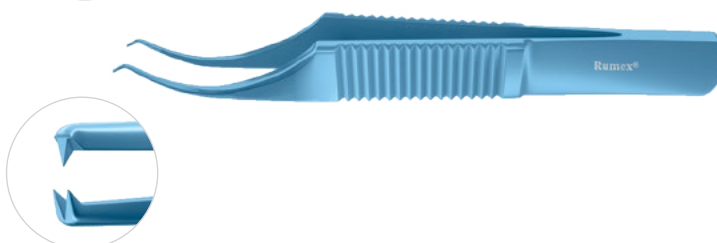
- Corneal Forceps
- 1x2 teeth, 0.12 mm
 - Tying platform, 5 mm
 - Overall length 77 mm
 - Titanium

4-0501T**Hoskin Colibri**

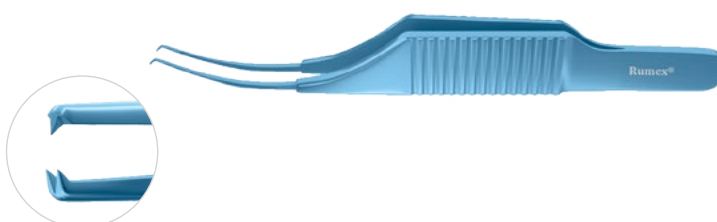
- Corneal Forceps
- Pierced tips
 - Tying platform, 5 mm
 - Overall length 84 mm
 - Stainless Steel

4-0502S**Colibri-Bonn**

- Corneal Forceps
- 1x2 teeth, 0.12 mm
 - Tying platform, 5 mm
 - Overall length 84 mm
 - Stainless Steel

4-0503S**Colibri-Bonn****Most Popular****Corneal Forceps**

- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Overall length 84 mm
- Titanium

4-0504T**Micro Colibri****Most Popular****Corneal Forceps**

- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Overall length 73 mm
- Titanium

4-0505T

Corneal Forceps

Colibri

Corneal Forceps

- Bonn type 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Overall length 115 mm
- Titanium

4-053T



Colibri

Corneal Forceps

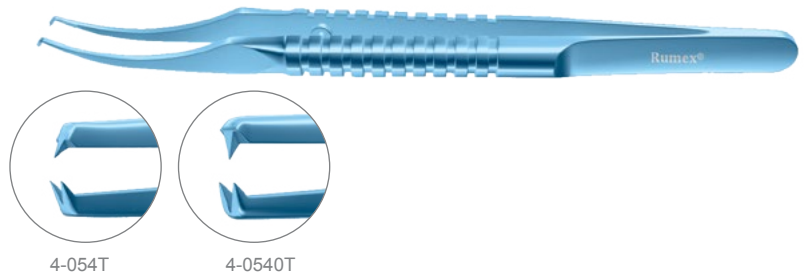
- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Round handle
- Overall length 109 mm
- Titanium

4-054T

regular tips

4-0540T

Bonn type tips



Castroviejo Colibri

Corneal Forceps

- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Overall length 107 mm
- Titanium

4-0541T

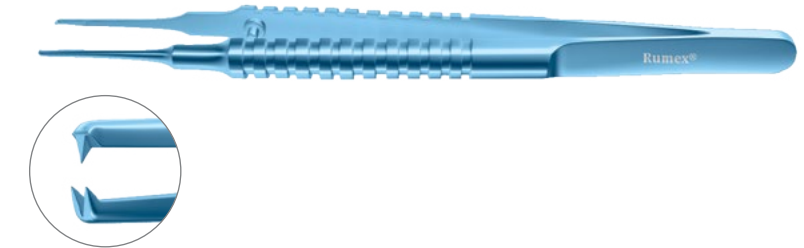


Bonn-Catalano

Corneal Forceps

- 1x2 teeth, 0.12 mm
- Tying platform, 5 mm
- Round handle
- Overall length 105 mm
- Titanium

4-0551T



Catalano

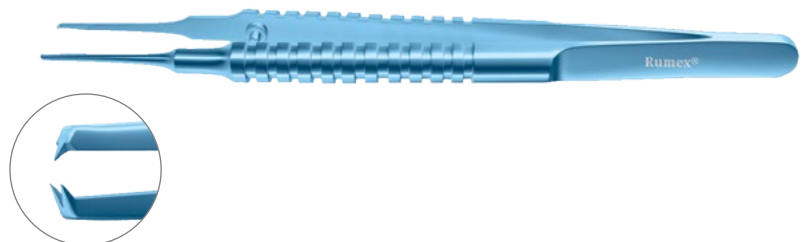
Corneal Forceps

- Tying platform, 5 mm
- Round handle
- Overall length 105 mm
- Titanium

4-055T 1x2 teeth 0.12mm (shown)

4-056T 1x2 teeth 0.3 mm

4-057T 1x2 teeth 0.5mm



Corneal Forceps



Bonn

Most Popular

- Corneal Forceps
- 1x2 teeth, 0.12 mm
 - Tying platform, 5 mm
 - Overall length 94/72 mm
 - Titanium

4-058T Medium size (shown)

4-059T Small size

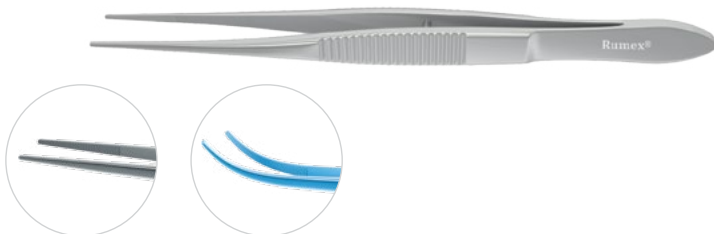
Dressing Forceps



Dressing Forceps

- With Delicate Serrations
- Straight serrated tips, 6 mm
 - Round handle
 - Overall length 108 mm
 - Stainless Steel

4-070S



Dressing Forceps

Most Popular

- With Delicate Serrations
- Serrated tips, 12 mm
 - Overall length 100 mm
 - Stainless Steel or Titanium

4-071S

4-072T

Straight

Curved

4-071S

4-072T

Fixation Forceps

Adson

Fixation Forceps with Teeth

- Ideal for plastic & reconstructive surgery
- 1x2 teeth, 0.5 mm
- Overall length 124 mm
- Stainless Steel or Titanium

4-0741S

4-0741T



Polack

Corneal Transplant Fixation Forceps

- Two point fixation
- Delicate 1x2 teeth, 0.12 mm
- 1.2 mm between the ends
- Curved shafts
- Pierse type tips
- Round handle
- Overall length 112 mm
- Titanium

4-0814T

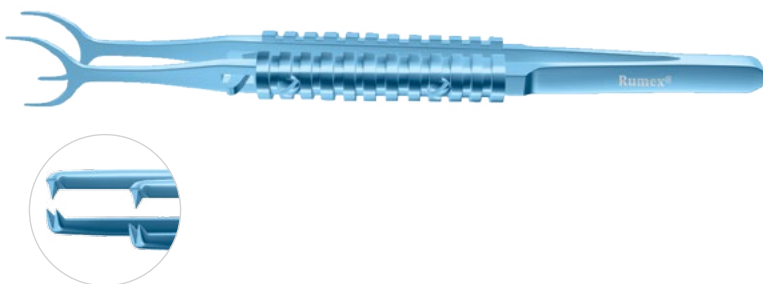


Nevyas-Wallace

Fixation Forceps

- Two point fixation
- 13.0 mm between the ends
- 1x2 teeth, 0.12 mm
- Straight shafts
- Round handle
- Overall length 105mm
- Titanium

4-08011T



Castroviejo

Fixation Forceps

- Straight shafts
- 1x2 teeth, 0.5 mm
- Overall length 105 mm
- Titanium

4-0822T



Lens Inserters



Steinert

Most Popular

Paddle Lens Folding Forceps
 – Angled shafts
 Overall length 110 mm
 Titanium

4-2107T

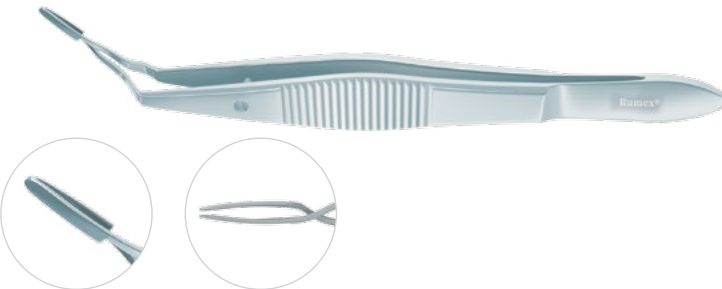


Faulkner

Most Popular

Lens Holding Forceps
 – Angled shafts
 – Smooth jaws
 Overall length 105 mm
 Stainless Steel

4-2108S



McDonald

Inserting Forceps for Silicone Lens
 – Concave jaws, 5 mm
 – Cross action
 Overall length 102 mm
 Stainless Steel

4-2113S

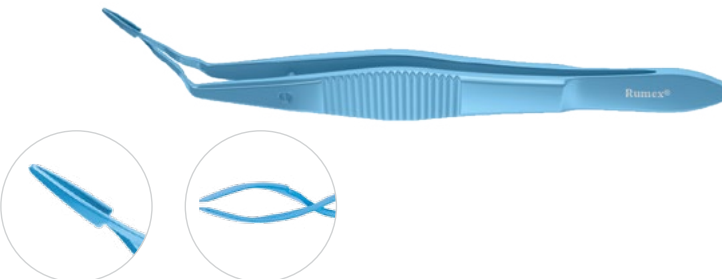


Acrylic Lens

Most Popular

Insertion Forceps
 – Flat handle
 Overall length 102 mm
 Titanium

4-2132T



Akahoshi

Forceps For Acrylic Lens

– Thin and smooth jaws, 7 mm
 – Jaws open up to 5.5 mm
 – Cross action
 Overall length 102 mm
 Titanium

4-2138T



Cartridge Loading Forceps

Most Popular

Designed for inserting Acrylic IOL into A, B, C, D cartridges
 – To be used with 16-2806, 16-2807, 16-2808 Injectors
 – Smooth jaws
 Overall length 109 mm
 Titanium

4-2141T

IOL Removing Instruments

Rowen Rescue Kit Forceps

Crocodile Type Intraocular Forceps For Foldable Lens Removal

- Curved shaft
- To remove silicone or acrylic IOL in case of complications
- Compatible with Squeeze Handle 12-003T

4-2150* 20Ga

Rowen Rescue Kit For Foldable Lens Removal

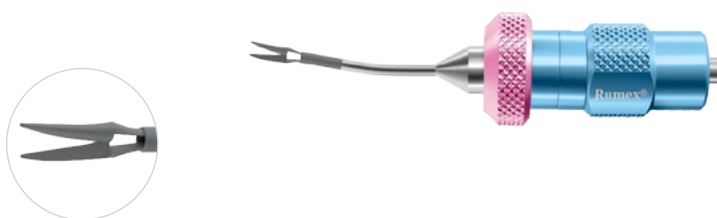


Rowen Rescue Kit Scissors

Straight Intraocular Scissors For Foldable Lens Removal

- Curved shaft
- To remove silicone or acrylic IOL in case of complications
- Compatible with Squeeze Handle 12-003T

4-2151* 19Ga



* Handles are sold separately!

Rumex

Most Popular

Foldable Lens Cutter

- Designed to cut and remove all types of foldable intraocular lens through a small incision.
- Upper blade of the scissors has three bevels for effective cutting and grasping of the IOL.
- Squeeze Titanium Handle
- Overall length 112 mm

4-21731

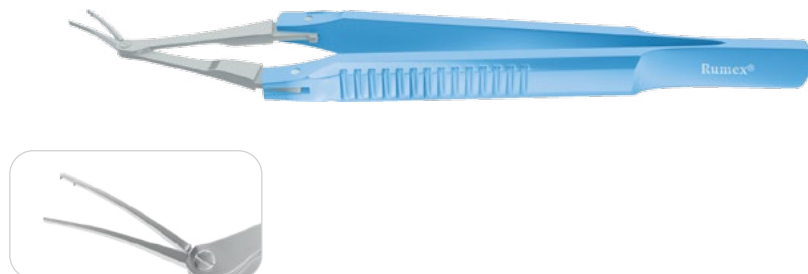


Rumex

Foldable Lens Removing Forceps

- Designed to grasp and remove all types of foldable intraocular lens through a small incision
- Squeeze Titanium Handle
- Overall length 110 mm

4-21741



Osher

IOL Scissors

- To cut Silicone or Acrylic IOL in case of complications
- 6 mm long blades with serration to fixate the lens
- Overall length 91 mm
- Stainless steel

4-2175S



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

ICL™/IOL Forceps



ICL™

Cartridge Loading Forceps

- Designed to remove the ICL from the container and push it inside the cartridge
- Angled 30 degree long jaws
- Round handle
- Overall length 120 mm
- Titanium or stainless steel

4-20111T

4-20111S

ICL™ - registered trademark of STAAR®



ICL™

Coaxial Angled ICL™ Loading Forceps

- Straight 20 Gauge shaft
- Non rotatable
- Designed to load the ICL™ inside the cartridge to ensure proper positioning by pulling from the distal opening
- Compatible with Squeeze Handle 12-003T

4-21431*

20Ga

ICL™ - registered trademark of STAAR®



IOL Grasping Forceps

- Curved shaft
- Sand-blasted surfaces for efficient gripping
- Fenestrated jaws for better visualization and haptic manipulation
- Designed to reach and hold the IOL optic and gaptic
- Compatible with Squeeze Handle 12-003T

4-2145*

21Ga

* Handles are sold separately!

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Iris Forceps

Iris

Forceps With Delicate Serrations

- Straight shaft
- Fine serrated tips
- Overall length 72 mm
- Stainless Steel

4-100S



Iris

Forceps With Delicate Teeth

- 1x2 teeth
- Overall length 72 mm
- Stainless Steel

4-101S straight shaft (shown)

4-102S curved shaft



Jewelers Forceps

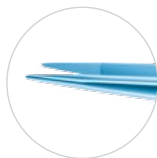
Jewelers # 5

Most Popular

Forceps

- Straight jaws
- Pointed tips
- Tying platform
- Overall length 110 mm
- Titanium

4-111T

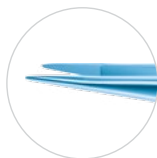


Jewelers # 3C

Forceps

- Straight jaws
- Pointed tips
- Tying platform
- Overall length 110 mm
- Titanium

4-113T



Jewelers # 7

Forceps

- Curved jaws
- Pointed tips
- Tying platform
- Overall length 110 mm
- Stainless Steel and Titanium

4-115T

4-115S



Hemostatic Forceps And Serrefines



Hartman

Most Popular

Hemostatic Mosquito Forceps
 - Serrated jaws
 - Ring handle
 Overall length 75 mm
 Stainless Steel

4-120S

straight (shown)

4-121S

curved

Halsted

Hemostatic Mosquito Forceps
 - Serrated jaws
 - Ring handle
 Overall length 120 mm
 Stainless Steel

4-122S

straight (shown)

4-123S

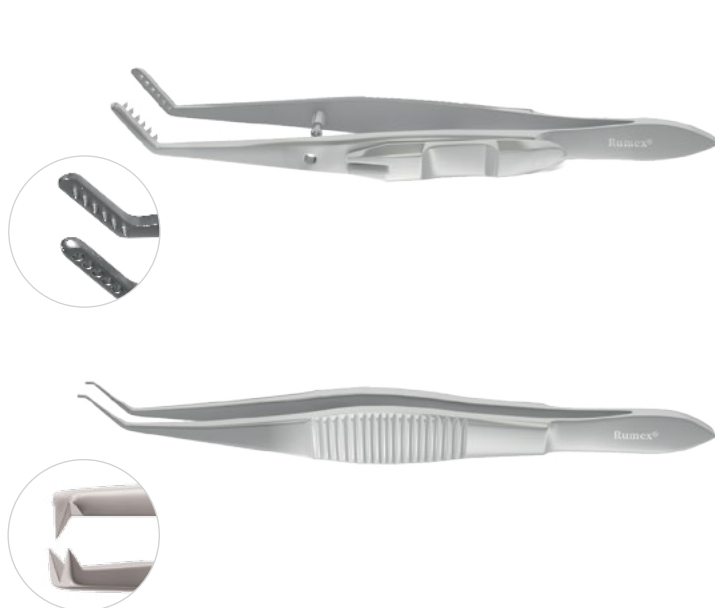
curved

Serrefine

- Straight
 - Large Size
 Overall length 55 mm
 Stainless Steel

16-090S

Muscle Forceps



Jameson

Muscle Forceps
 - 11 mm from tip to angle
 - 6 teeth
 - Slide lock
 Overall length 100 mm
 Stainless Steel

4-130S Left

4-131S Right (shown)

Osher

Superior Rectus Forceps
 - Curved with 1x2 teeth, 0.5 mm
 - Angled shafts
 - 10 mm from tip to angle
 Overall length 107 mm
 Stainless Steel

4-136S

Suturing Forceps

Castroviejo

Most Popular

Suturing Forceps

- Tying platform, 6 mm
- Overall length 110/108/108 mm
- Titanium or Stainless Steel

4-0600S	1x2 teeth, 0.12 mm
4-0600T	1x2 teeth, 0.12 mm
4-0601S	1x2 teeth, 0.3 mm
4-0601T	1x2 teeth, 0.3 mm
4-0602S	1x2 teeth, 0.5 mm
4-0602T	1x2 teeth, 0.5 mm

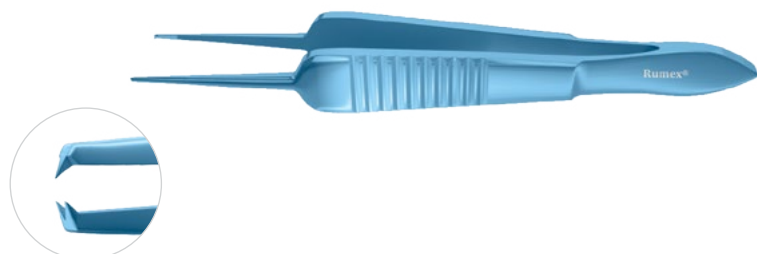


Paufigue

Suturing Forceps

- 1x2 teeth, 0.5 mm
- Tying platform, 6 mm
- Overall length 86 mm
- Titanium or Stainless Steel

4-0606T (shown)
4-0606S



Bishop-Harmon

Most Popular

Suturing Forceps

- 1x2 teeth, 0.3 mm
- Tying platform, 5 mm
- Overall length 86 mm
- Stainless Steel

4-0607S



Moorfields

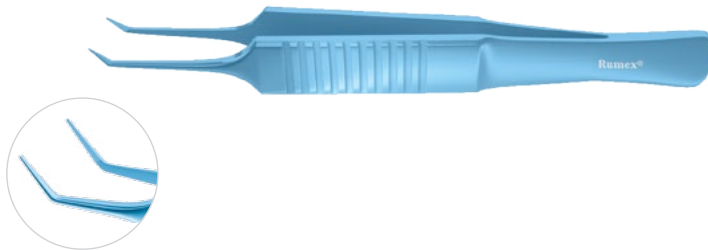
Suturing Forceps

- For gripping the tissue, conjunctiva and Tenon's capsule
- Grooved section, 13 mm
- Overall length 110 mm
- Titanium

4-2303T



Tying Forceps

**Kelman-McPherson****Most Popular**

Tying Forceps

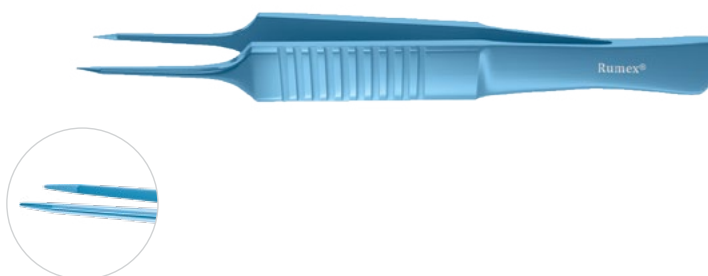
- Overall length 81/84/86 mm
- Titanium or Stainless Steel

4-090T Tying Platforms, 4mm

4-091S Tying Platforms, 8 mm

4-092S Tying Platforms, 10 mm

4-092T Tying Platforms, 10 mm

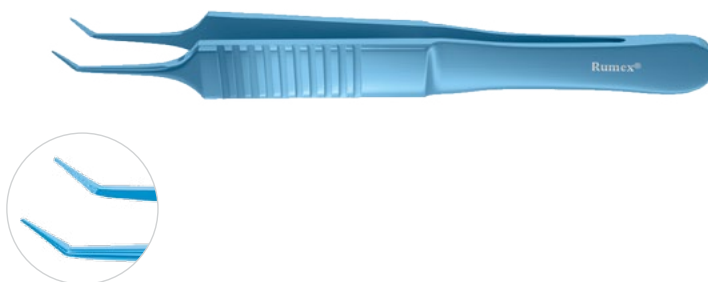
**McPherson****Most Popular**

Tying Forceps

- Straight
- Tying platforms, 4 mm
- Standart handle
- Overall length 84 mm
- Titanium or Stainless Steel

4-171T

4-171S

**McPherson****Most Popular**

Tying Forceps

- Angled
- Long handle
- Standart handle
- Overall length 102/103/104/106 mm
- Titanium

4-173T Tying Platform, 6 mm

4-174T Tying Platform, 8 mm

4-175T Tying Platform, 10 mm

4-176T Tying Platform, 12 mm

**McPherson**

Tying Forceps

- Curved
- Tying platforms, 4 mm
- Long handle
- Overall length 109 mm
- Titanium or Stainless Steel

4-177T

4-177S

**McPherson****Most Popular**

Tying Forceps

- Straight
- Tying platforms, 7 mm
- Long handle
- Overall length 110 mm
- Stainless Steel

4-178S

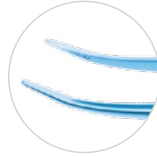
Tying Forceps

Catalano

Tying Forceps

- Curved
- V-groove tying platform, 6 mm
- Round handle
- Overall length 105 mm
- Titanium

4-182T



Tennant

Most Popular

Extra delicate smooth jaws

- Curved
- Tying platform, 6 mm
- For 9-0 to 11-0 sutures
- Round handle
- Overall length 108/107/107 mm
- Titanium or Stainless Steel

4-185T

straight

4-185S

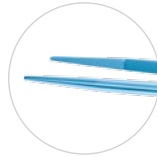
straight

4-1851T

angled

4-186S

curved



Intraocular Tying Forceps

- Designed for intraocular suturing
- Compatible with Squeeze Handle (12-003T)

4-1891*

23 Ga



* Handles are sold separately!

Utility Forceps

Watzke

Sleeve Spreading Forceps

- Angled serrated jaws
- Serrated cross-action handle
- Overall length 114 mm
- Titanium

4-2201T



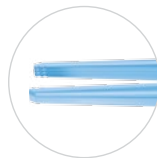
Bonaccolto

Most Popular

Utility Forceps

- Longitudinal atraumatic serrations, 15 mm
- Cross serrations at tips
- Overall length 98 mm
- Titanium

4-2300T



Towel Clamps And Forceps



Schaedel

Towel Clamp

- Flat serrated handle
- Overall length 85 mm
- Stainless Steel

16-080S



Towel forceps

Ring handle

Overall length 90 mm

Stainless Steel

16-081S

Intraocular Lens Hooks

Stainless steel hooks with an ergonomic light-weight round titanium handle.

Lewicky

Lens Manipulating Hook

- Angled, 10 mm from tip to angle
 - Vaulted shaft
 - 0.15 mm diameter blunt tip
- Overall length 120 mm

5-021



Kuglen

Most Popular

Iris Hook and Lens Manipulator

- 0,15 mm diameter shaft
 - "H"-shaped tip
- Overall length 122/124 mm

5-030

Angled (shown)

5-0301

Straight



Rumex

Lens Manipulator

- Angled, 10 mm from tip to angle
 - 0,18 mm diameter shaft
 - Button shaped 0.45 mm tip
- Overall length 122 mm

5-031



Sinskey

Most Popular

Lens Manipulating Hook

- Angled, 10 mm from tip to angle
 - 0,15 mm diameter tip
- Overall length 122 mm

5-032

Angled (shown)

5-0321

Straight



Reversed Sinskey

Scoring Hook for Endothelial Keratoplasty

- Angled, 10 mm from tip to angle
 - 0.15 mm tip diameter
- Overall length 116 mm

5-0322



Intraocular Lens Hooks



Lester

Lens Manipulator

- Hourglass shaped 0.2 mm tip
- Overall length 124/122 mm

5-033

Straight

5-0331

Angled (shown)



Bechert

Nucleus Rotator

- Angled, 10 mm from tip to angle
- "Y" shaped tip
- Overall length 121 mm

5-034



Fenzl

Lens Manipulating Hook

- Angled, 10 mm from tip to angle
- "T" shaped tip
- Overall length 121 mm

5-036

Muscle / Tenotomy Hooks

Stainless steel hooks with an ergonomic light-weight flat serrated titanium handle.



Jameson

Muscle Hook

- Flat hook
- Bulbous tip
- Overall length 135 mm

5-040 Standart (2 mm tip, 9,5 mm hook)

5-0401 Small (1,5 mm tip, 8 mm hook)



Graefe

Muscle Hook

- Flat hook
- Overall length 140 mm

5-041 Size 1 (1 mm tip, 8 mm hook)

5-042 Size 2 (1.5 mm tip, 10 mm hook)

Scobee

Oblique Muscle Hook

- Curved shaft
- 4.5mm flat hook
- Overall length 140mm

5-061

**Stevens**

Tenotomy Hook

- 6 mm flat hook
- Overall length 120 mm

5-062

**Retinal Detachment Hooks**

Stainless steel hooks with an ergonomic light-weight flat serrated titanium handle.

Gass

Retinal Detachment Hook

- 13 mm flat hook
- 1.5x0.7 mm hole
- Overall length 140 mm

5-060



Iris / Nucleus Spatulas



Straight Spatula

Overall length 122 mm

13-010	0.25 mm width, 10 mm length
13-011	0.40 mm width, 14 mm length
13-014	1.00 mm width, 13 mm length



Curved Spatula

Overall length 122 mm

13-020	0.25 mm width, 12 mm length
--------	-----------------------------



Double Spatula

Most Popular

Overall length 122 mm

13-031	0.5 & 1.0 mm width, 12 mm length
13-032	0.3 & 0.5 mm width, 12 mm length

Cyclodialysis Spatulas



Castroviejo

Double Ended Cyclodialysis Spatula

Overall length 136 mm

13-050	0.5 mm width, 10 & 15 mm length
--------	---------------------------------



Castroviejo

Cyclodialysis Spatula

Overall length 124 mm

13-051	1,00 mm width, 10 mm length
13-052	0,75 mm width, 10 mm length

New SPATULA FOR FEMTOSECOND LASER CATARACT PROCEDURE

The incisions made by Femtosecond laser must be opened with a special blunt-ended instrument. The newly designed spatula for Femtosecond laser cataract is developed to open and spread the incision and to reach the anterior chamber.



▲ Spatula for Femtosecond Laser Procedure **New**

- This delicate instrument is used for opening cataract incision created by femtosecond laser system
- Specially designed for Alcon LenSx® Laser
- Also compatible with incisions made by VICTUS™ Femtosecond Laser Platform (Bausch & Lomb)
- 1,4 mm length flat tip
Overall Length 120 mm

20-204

Corneal Spatulas



Paton

- Double Ended Spatula and Spoon
- Spatula for manipulations with the cornea (LASIK/PRK/Corneal Transplantation)

13-110

DSEK, DSAEK, DMEK Spatulas

For the full range of instruments see page 110



Corneal Dissector

- Straight
- For intrastromal dissection
- 60 degree angled shaft
- 12 mm from tip to angle
- Overall length 125 mm

13-137



Corneal Dissector

- Curved (curvature radius 22mm)
- For intrastromal dissection
- 45 degree angled shaft
- 12 mm from tip to angle
- Overall length 127 mm

13-138



Irrigating Endothelial Stripper

- For Descemet's stripping
- Overall length 104 mm

13-139/I



▶ Spatula-Guide Most Popular

- For Corneal Endothelium Implantation
- Overall length 122 mm
- Titanium

13-150T

DSEK, DSAEK, DMEK Spatulas

For the full range of instruments see page 110

Cindy

Sweeper DSEK Spatula

- Angled shaft
- 12 mm from tip to angle
- 0.7 mm diameter
- Overall Length 114 mm
- Stainless steel

13-151S



Carlson

DSEK Smoother

- Angled/vaulted shaft
- 7,5 mm from tip to angle
- 2.5mm blunt ball
- Overall length 115 mm
- Stainless steel

13-152S



Terry

DSEK Scraper

- Angled shaft
- 11 mm from tip to angle
- Hole-shaped scraper facing upward
- Overall length 114 mm
- Stainless steel

13-153S

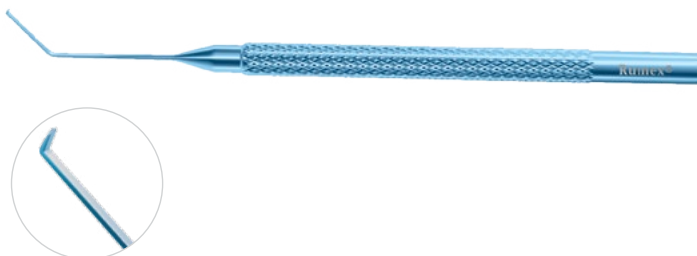


Melles Style 1

DSAEK PLK Scraper

- 45 degree angled shaft
- 11 mm from tip to angle
- 45 degree angled tip
- Overall length 125 mm
- Titanium

13-154T



Melles Style 2

DSAEK PLK Scraper

- 45 degree angled shaft
- 11 mm from tip to angle
- 90 degree angled tip
- Overall length 125 mm
- Titanium

13-155T



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

DLEK Spatulas

For the full range of instruments see page 113



Manipulator for DLEK procedure

- Designed to tuck the edges of the donor lamella
- 0.15 mm diameter tip
- Blunt Tip
- Overall Length 120 mm

13-160

DALK Spatulas

For the full range of instruments see page 112



Trisector for DALK Procedure

- Flat 1.4 x 0.7 mm tip
- Facilitates separation the rest of stromal attachments from the Descemet's membrane at the periphery
- Blunt bottom surface is safe for Descemet's membrane
- The anterior surface has an edge that facilitates the enlarging of stromal opening with a blade.
- Overall length 124 mm

13-170



Spatula for DALK Procedure

- Flat 1x9mm tip
- The center groove can be used as a guide for the blade facilitating the enlarging of stromal opening
- Blunt bottom surface is safe for Descemet's membrane
- Overall length 122 mm

13-171



Dissector for DALK Procedure

- 12 mm length blunt beveled tip
- For creating a track in deep stroma for the further Cannula inserting
- Obtains delicate preparation for "Big Bubble" procedure
- Overall length 122 mm

13-172

Foreign Body Spuds

Davis

Foreign Body Spud
Overall length 130 mm

16-153



PRK / LASIK Spatulas

For the full range of instruments see page 99

Hockey Knife

For epithelium removal
– To remove epithelium for PRK procedure and during LASIK retreatment
Overall length 130 mm

20-001



Lindstrom

LASIK / PRK Spatula And Epithelium Removal Board
– Semi-sharp end of the instrument designed to remove epithelium
– Fine spatula on the other end is used for flap manipulation during LASIK surgery
Overall length 145 mm

20-002



LASIK

Spatula And Flap Retreatment Instrument
– Double ended
Overall length 145 mm

20-013



LASEK Spatulas

For the full range of instruments see page 103



LASEK

Detaching Spatula

- Can be used to detach edge of the epithelium flap
- Overall length 130 mm

20-130



LASEK

Epithelial Micro Hoe

- Can be used to detach and lift edge of the epithelium flap
- Overall length 130 mm

20-131



LASEK Knife

- The sharp anterior part of the knife is used to detach epithelium from the incision
- The blunt part of the knife is for repositioning of the epithelium after the ablation
- Overall length 128 mm

20-0011

FemtoLASIK Spatulas

For the full range of instruments see page 104



FemtoLASIK

Flap Spatula, Double Ended

- Double ended instrument with a delicate pick and a curved spatula to open and manipulate the flap
- Overall length 128 mm

20-201



FemtoLASIK

Flap Spatula

- Delicate spatula with a jag on the tip to detach the flap edge and to open the flap
- Overall length 121 mm

20-202



Zaldivar

FemtoLASIK Spatula

- Extra delicate spatula with bullet shaped tip to open and manipulate the flap
- Overall length 123 mm

20-203

ICL™ Spatulas

For the full range of instruments see page 107

Pallikaris

ICL™ Manipulator

- Designed to place the lens corners under the iris
- Sandblasted tip
- Overall length 120 mm

13-141

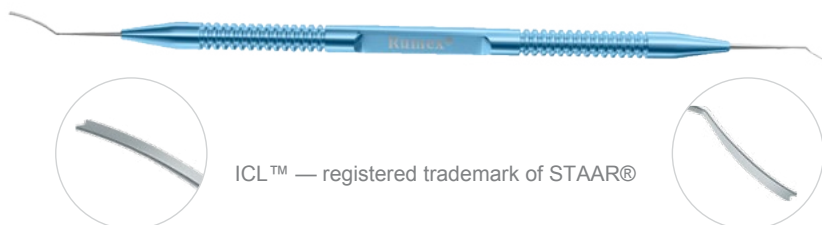


Zaldivar

ICL™ Manipulator

- Double ended instrument with slight forked tips to place the lens corners under the iris
- Overall length 130 mm

13-142



ICSR Spatulas

For the full range of instruments see page 108

Elevator for ICSR Implantation

To create a small pocket in intended direction of the tunnel with a mild rotatory movement

- Straight shaft
- Tip dimensions: 0.1 mm height, 0.2 mm width, 0.7 mm length
- Overall length 123 mm

10-035



Suarez Spreader

To enlarge the small corneal pockets in both directions in a proper depth

- Straight shaft
- Tip dimensions: 0.1 mm height, 0.6 mm width, 1.25 mm length
- Overall length 122 mm

13-146



Bicalto Guide

To lift the cornea for inserting the Tunnel Maker beneath the guide

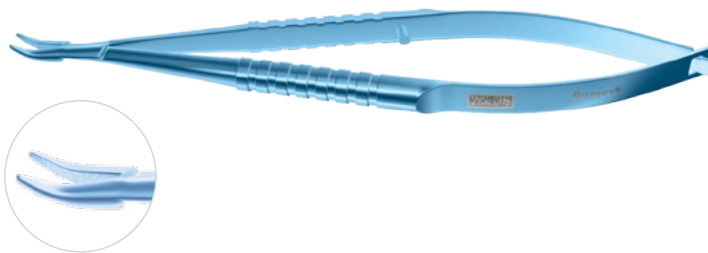
- Blunt tip
- Tip dimensions: 0.3 mm height, 0.1 mm width, 5 mm length
- Overall length 121 mm

13-147



Barraquer Needle Holders, Small Size

Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle



Barraquer

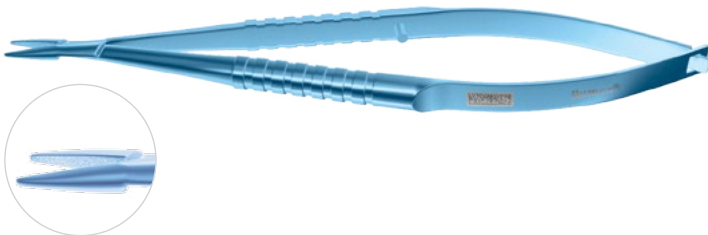
Most Popular

Needle Holder

- Curved
- Standard jaws, 12 mm
- Overall length 100 mm
- Titanium

8-010T with lock

8-011T w/out lock (shown)

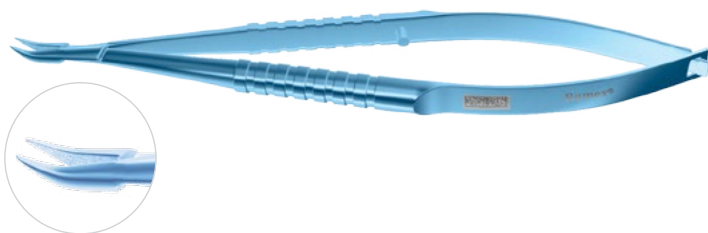


Barraquer

Needle Holder

- Straight
- Standard jaws, 12 mm
- Overall length 100 mm
- Titanium

8-013T w/out lock



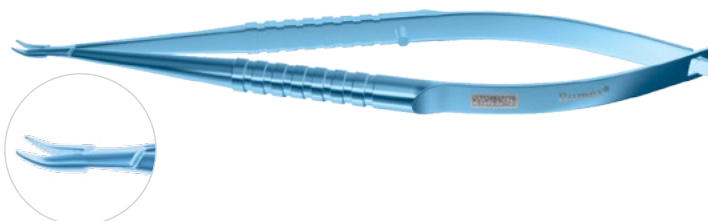
Barraquer

Needle Holder

- Curved
- Fine jaws, 12 mm
- Overall length 100 mm
- Titanium

8-020T with lock

8-021T w/out lock (shown)



Barraquer

Most Popular

Needle Holder

- Curved
- Extra fine jaws, 8 mm
- Overall length 100 mm
- Titanium

8-024T with lock

8-025T w/out lock (shown)

Barraquer Needle Holders, Medium Size

Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle

Barraquer

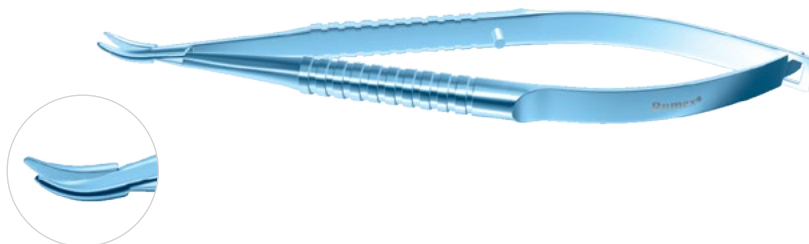
Most Popular

Needle Holder

- Curved
- Standard jaws, 12 mm
- Overall length 115 mm
- Titanium

8-030T with lock

8-031T w/out lock (shown)



Barraquer

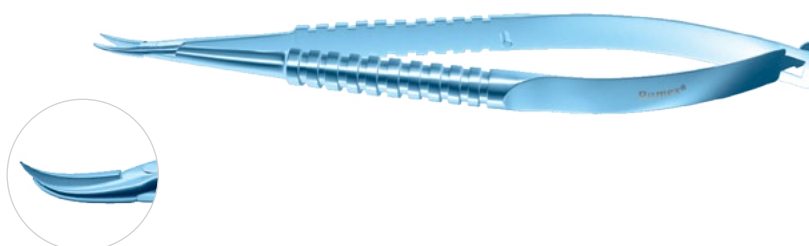
Most Popular

Needle Holder

- Curved
- Fine jaws, 11 mm
- Overall length 115 mm
- Titanium

8-040T with lock

8-041T w/out lock (shown)



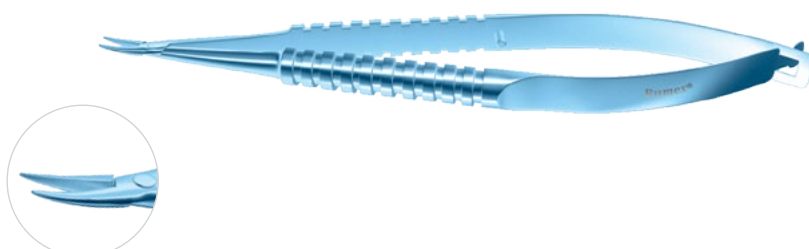
Barraquer

Most Popular

Needle Holder

- Curved
- Extra fine jaws, 8 mm
- Overall length 115 mm
- Titanium

8-045T w/out lock



Barraquer Needle Holders, Long Size

Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle

Barraquer

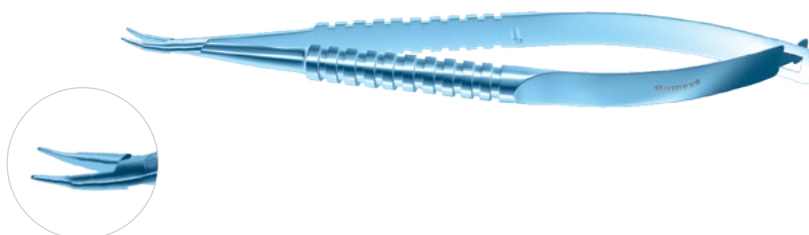
Most Popular

Needle Holder

- Curved
- Extra fine jaws, 14 mm
- Overall length 125 mm
- Titanium

8-050T with lock

8-051T w/out lock (shown)



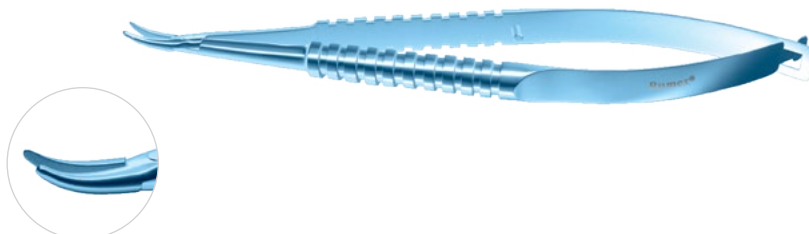
Barraquer

Needle Holder

- Curved
- Standard jaws, 12 mm
- Overall length 125 mm
- Titanium

8-060T with lock

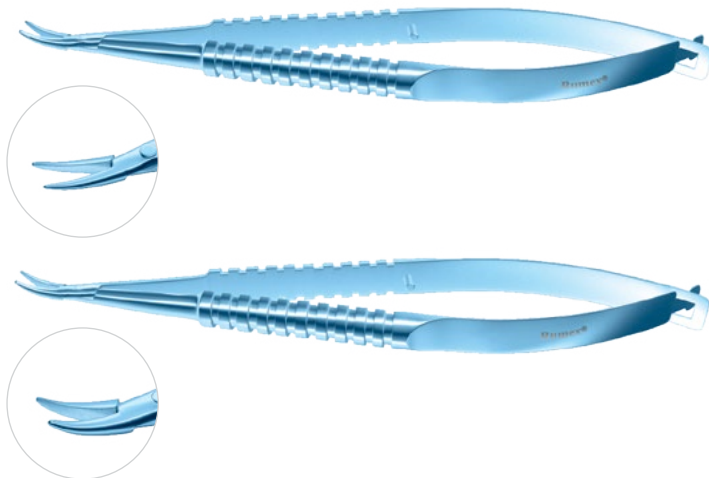
8-061T w/out lock (shown)



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Barraquer Needle Holders, Long Size

Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle



Barraquer

Most Popular

Needle Holder

- Curved
- Fine jaws, 12 mm
- Overall length 125 mm
- Titanium

8-070T with lock
8-071T w/out lock (shown)

Barraquer

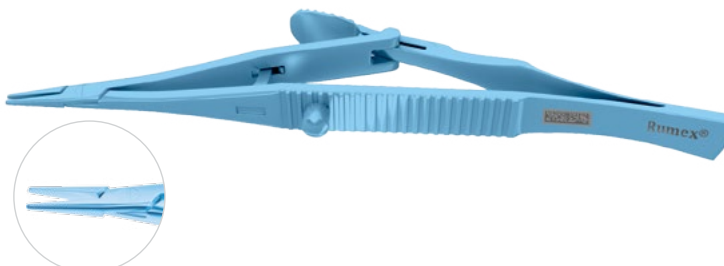
Most Popular

Needle Holder

- Curved
- Strong jaws, 13,5 mm
- Overall length 125 mm
- Titanium

8-090T with lock
8-091T w/out lock (shown)

Kalt Needle Holders



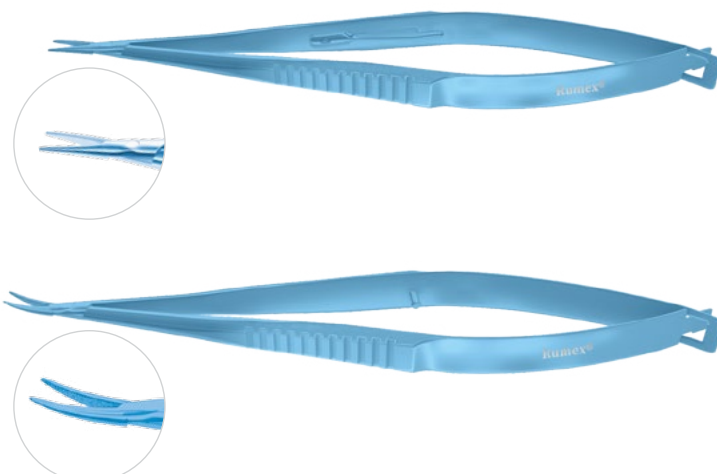
Kalt

Needle Holder

- Straight
- Standard jaws, 12 mm
- Flat serrated locking handle
- Overall length 135 mm
- Titanium

8-080T

Castroviejo Needle Holders



Castroviejo

Needle Holder

- Straight
- Delicate jaws 13.5 mm
- Overall length 125 mm
- Titanium

8-0921T with lock

Castroviejo

Needle Holder

- Curved
- Delicate jaws
- Gripping surface 8 mm
- Overall length 135 mm
- Titanium

8-096T w/out lock

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

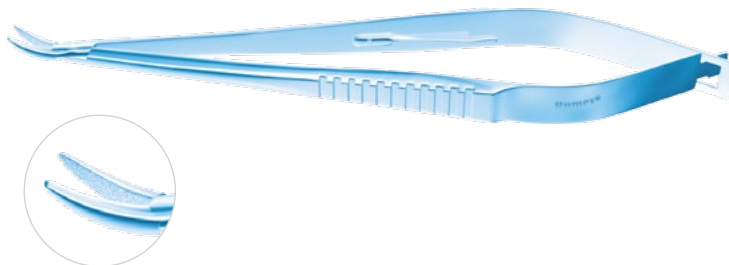
Castroviejo Needle Holders

Castroviejo

Needle Holder

- Curved
- Standard jaws
- Gripping surface 11 mm
- Overall length 140 mm
- Titanium

8-100T with lock



Ing's Needle Holders / Scissors

Ing's

Needle Holder / Scissors

- Combination of needle holder and scissors in one instrument
- Long size jaws 15 mm
- Round serrated handle
- Overall length 105mm
- Stainless Steel

8-102S



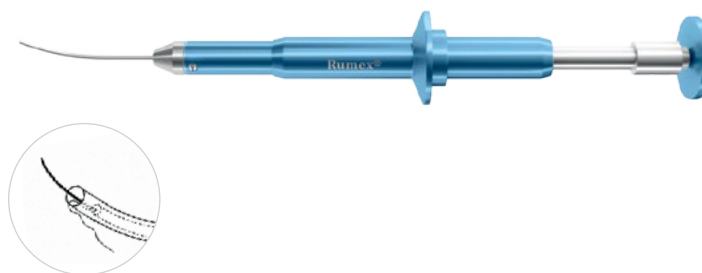
Coaxial / Intraocular Needle Holders

Coaxial Needle Holder

For IOL Suturing

- Designed for IOL scleral fixation with suture through a small incision
- Titanium handle with plunger mechanism
- Curved shaft
- *To be used with straight and curved spatulated needles with length up to 18 mm (Poly-propylene 10-0 or 9-0)*
- Overall length 128 mm

8-120 19 Ga



Intraocular Needle Holder

- Designed for intraocular suturing and manipulations with the IOL
- Curved shaft
- With fixation wheel
- Compatible with Squeeze Handle 12-003T

8-1211-23* 23Ga

* Handles are sold separately!



Probes and Dilators



Bowman

Lacrimal Probe
Overall length 133 mm

9-010S - size 0000 & 000

9-011S - size 00 & 0

9-012S - size 1 & 2

9-013S - size 3 & 4

9-014S - size 5 & 6

9-015S - size 7 & 8



Quickert

Lacrimal Intubation Probe
Overall length 140 mm

9-021S - size 0

9-023S - size 2

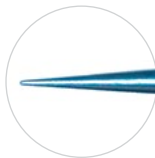
9-024S - size 3



Pigtail

Lacrimal Probe
– 8 mm pigtail curved probes with holes
– Round serrated handle
– Polished tip
– Overall length 145 mm

9-031



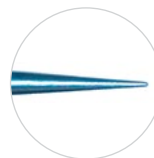
Wilder

Lacrimal Dilator
– Blunt polished tip
– Round knurled handle
Overall length 100 mm
Titanium

9-050T - size 1 (19 mm)

9-051T - size 2 (23 mm)

9-052T - size 3 (32 mm)



Castroviejo

Double Ended Lacrimal Dilator
– Polished tip
– Round knurled handle
Overall length 100 mm
Titanium

9-060T - size 1 & 2

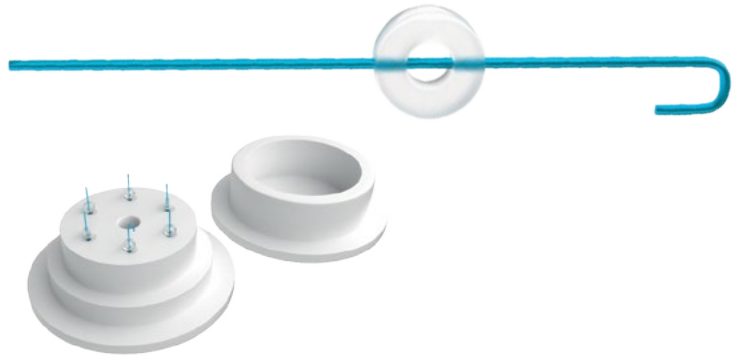
Iris Dilators

Iris Retractor

Reusable

1 pack of 6 pcs - 6 retractors in teflon container

10-5127



Iris Retractor

Most Popular

Disposable

10-5016-1 - 1 pack of 4 pcs

10-5016-5 - 5 packs of 4 pcs

10-5067-1 - 1 pack of 5 pcs

10-5067-6 - 6 packs of 5 pcs



Beehler

Most Popular

Pupil Dilator

- 17 Gauge
- Curved shaft
- Four prongs
- Overall length 130 mm
- Titanium

10-083



Beehler

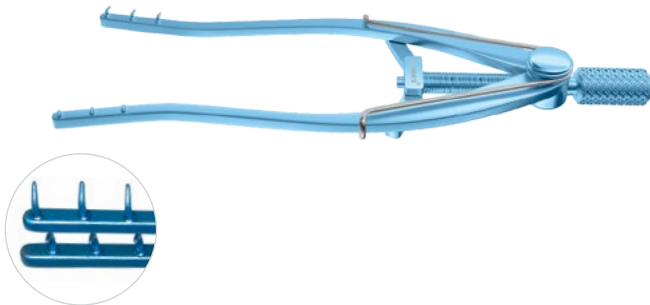
Pupil Dilator With Plunger

- 17 Gauge
- Curved shaft
- Four prongs
- Overall length 130 mm
- Titanium

10-091



Lacrimal Sac Retractors



Stevenson

- Curved 2 mm x 3 mm teeth
 - Blades separated 25 mm
 - Screw opening
- Overall length 83 mm

10-013



Knapp

Lacrimal Sac Retractor

- Blunt 4 mm x 8 mm four prong tip
 - Round serrated handle
- Overall length 140 mm

10-014

Lid & Orbital Retractors



Desmarres

Lid Retractor

- Round serrated handle
- Overall length 130 mm

10-020 - size 0 11.0 mm

10-021 - size 1 13.0 mm (shown)

10-022 - size 2 15.0 mm

10-023 - size 3 17.0 mm



Orbital Globe

Retractor-Elevator

- Double ended 10 mm wide and 14 mm wide ends
 - Thin ribbon retractor with a gentle “S” curve
- Overall length 180 mm
Titanium

10-034T

Fixation Rings

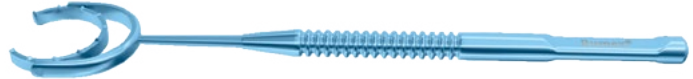
Fine-Thornton

Most Popular

- Phaco Fixation Ring
- 3/4 open ring with swivel
 - Overall length 90 mm
 - Titanium

16-036T 13 mm diameter ring with teeth

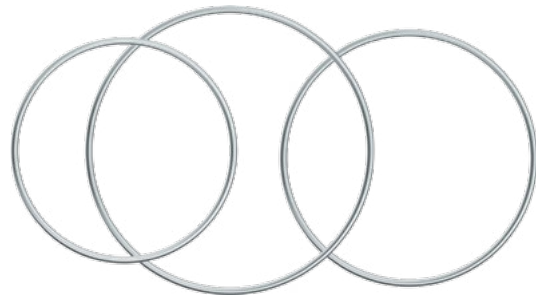
16-0341T 14 mm diameter ring with teeth (shown)



Flieringa Rings

- Sutured to the sclera to support the globe during difficult eye operations.
- Stainless Steel

16-030-14 (14 mm)	16-030-19 (19 mm)
16-030-15 (15 mm)	16-030-20 (20 mm)
16-030-16 (16 mm)	16-030-21 (21 mm)
16-030-17 (17 mm)	16-030-22 (22 mm)
16-030-18 (18 mm)	



Electric Eye Cautery

Electric Eye Cautery

- Battery operated
- Disposable
- Sterile
- 10 / Box

16-041 Fine tip

16-042 Elongated tip



Scleral Depressors



Schocket

Double Ended Scleral Depressor
 – With pocket clip
 Overall length 130 mm

16-111 Titanium Handle / Stainless Steel tips
 16-111S Stainless Steel



Flynn

Scleral Depressor
 – Loop style tip for depressing pediatric sclera
 Overall length 90 mm

16-115

Foreign body spuds



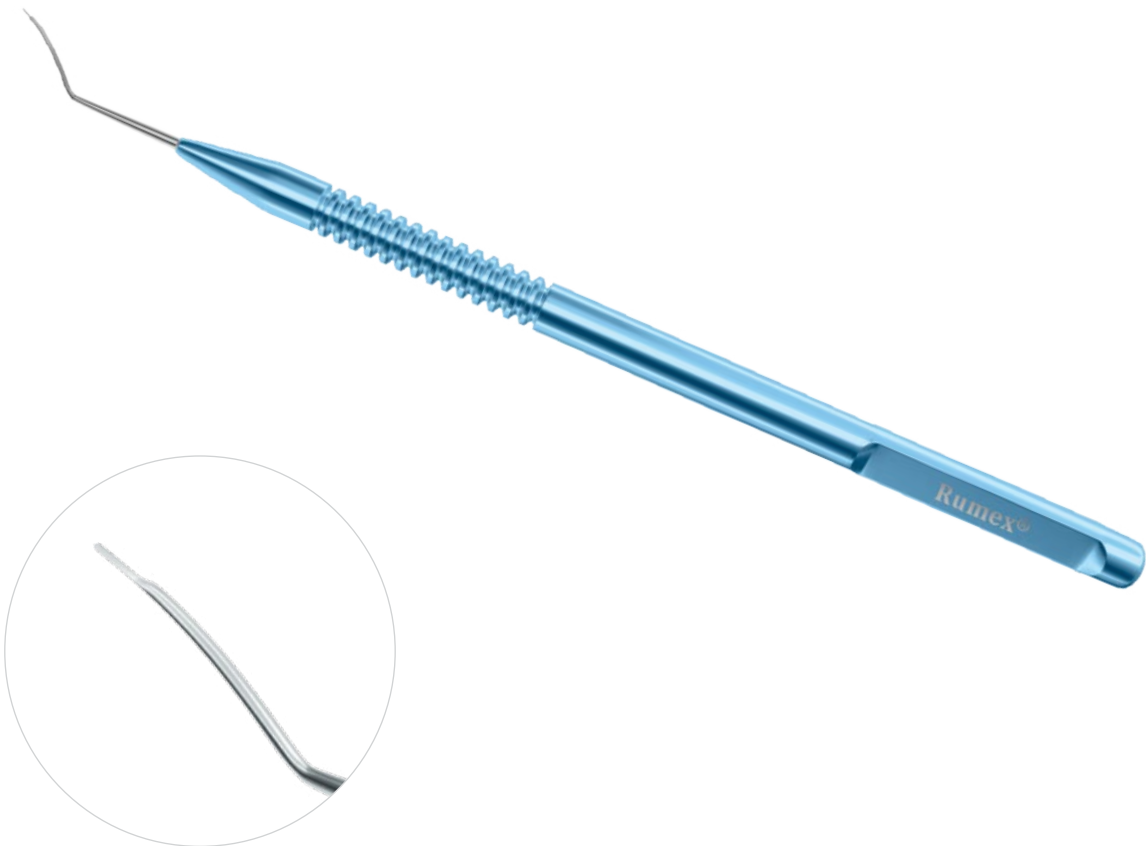
Davis

Foreign Body Spud
 – Round serrated handle
 Overall length 130 mm

16-153

New!**SPATULA FOR FEMTOSECOND LASER CATARACT PROCEDURE.**

The incisions made by Femtosecond laser must be opened with a special blunt-ended instrument. The newly designed spatula for Femtosecond laser cataract is developed to open and spread the incision and to reach the anterior chamber

**Spatula for Femtosecond Laser Procedure**

- This delicate instrument is used for opening cataract incision created by femtosecond laser system
- Specially designed for Alcon LenSx® Laser
- Also compatible with incisions made by VICTUS™ Femtosecond Laser Platform (Bausch & Lomb) 1,4 mm length flat tip
- 1,4 mm length flat tip
Overall Length 120 mm

20-204

Lens loops



Wilder

Lens Loop

- 4 mm width
- Overall length 134 mm

16-072

Nucleus Crackers / Forceps



Ernest

Nucleus Cracker

- Cross action
- Overall length 106 mm
- Titanium

7-025T



Kansas-Alfonso

Nucleus Fragment Removing Forceps

- Designed to remove fragments of the nucleus through a small incision.
- Has two rows of delicate teeth on jaws
- Flat fenestrated handle
- Overall length 107 mm
- Titanium

7-0201T



Prechoppers

Cross-action Prechopper Forceps with an ergonomic round serrated squeeze-handle are made of high quality stainless steel.

Prechopper

- Angled
- Maximum opening - 2.8 mm
- Overall length 117 mm
- Stainless Steel



7-111S

Combo

Most Popular

- Prechopper
- Straight
 - Specially designed jaws to split soft and hard nuclei
 - With sharp blades on the upper side of the tips and blunt on the other side
 - Maximum opening - 2.8 mm
 - Overall length 121 mm
 - Stainless Steel



7-1161S

Combo

- Prechopper for sub-2.0 mm Coaxial MicroPhaco
- Straight
 - Specially designed to split nuclei through a small 2.00 mm incision
 - Maximum opening - 2.0 mm
 - Overall length 121 mm
 - Stainless Steel



7-1162S

Akahoshi Hybrid Combo

- Prechopper
- Straight
 - Groove enables easy rotation of the nuclei during prechopping
 - Maximum opening - 2.8 mm
 - Overall length 121 mm
 - Stainless Steel

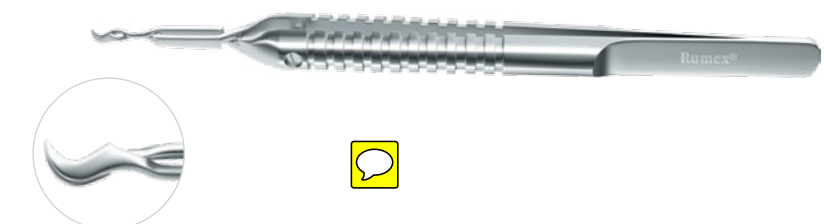


7-1163S

Inamura Eagle

Most Popular

- Prechopper
- Straight
 - Narrow tip is easy to insert to the denser nucleus which enables division from soft to dense nucleus without the counter force
 - Maximum opening - 2.8 mm
 - Overall length 120 mm
 - Stainless Steel



7-1165S

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Choppers

**Nagahara****Most Popular**

Phaco Chopper
Overall length 120 mm

7-063 RHD (shown)
7-064 LHD

**Nagahara Phaco Chopper and Drysdale Nucleus Manipulator**

Overall length 133 mm

7-0631 Titanium handle (shown)
7-0631S Stainless Steel

**Rosen****Most Popular**

Phaco Chopper Universal
Overall length 120 mm

7-065

**Rosen**

Phaco Splitter
– 60 degree angled
– Wedge shaped
Overall length 120 mm

7-066 RHD (shown)
7-067 LHD

**Phaco Cleaver**

Overall length 120 mm

7-068 RHD
7-069 LHD

Choppers

Nucleus Claw Chopper

Overall length 120 mm

7-072



Intraocular Manipulator With Ball Tip

- 0.5 mm diameter ball tip
- Overall length 123 mm

7-074 Straight

7-075 Angled (shown)



Small Pupil Snapper Hook & Phaco Chopper

Overall length 121 mm

7-077



Phaco Spatula

Small Pupil Snapper Hook & Micro Finger
Overall length 142 mm

7-079



Drysdale

Nucleus Manipulator & Capsule Polisher
– For nucleus dividing and separating,
iris and Overall length 121 mm

7-093 Regular Tip

7-0931 Capsule Polisher Tip



Choppers

**Micro Finger**

Chopper
Overall length 120 mm

7-097

**Phaco Chopper**

- 45 degree angled, wedge shaped
 - Rounded angled polished tip to separate the nucleus from cortical material
- Overall length 120 mm

7-1061 RHD

7-1071 LHD

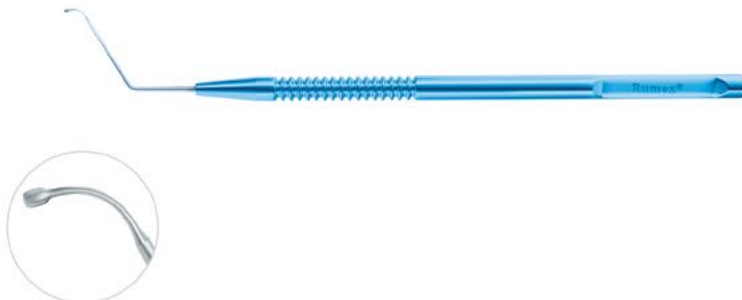
**Phacnit**

Quick Chopper

- Designed to quickly and easily chop all grades of nuclei
- Overall length 120 mm

7-125 - 0.75 mm tip

7-1251 - 0.5 mm tip

**Triple Edge Phaco Chopper with Polisher Tip**

Overall length 117 mm

7-126 Titanium handle shown

7-126S Stainless steel

**Chang Chopper**

Micro Finger & Quick Chopper

- Modified Micro Finger tip with interior edge to chop and divide soft nucleus
- Quick Chopper with sharp point to penetrate and split hard nucleus
- Overall length 125 mm

7-127 RHD, Titanium handle (shown)

7-127S RHD, Stainless steel

7-1271 LHD, Titanium handle

7-1271S LHD, Stainless steel

Choppers

Quick Chopper With Rounded Edge

Overall length 120 mm

7-128 RHD
7-1281 LHD



Seibel Chopper

- Chopper with ball-shaped tip for efficient capsule protection
- Overall length 122 mm

7-130 RHD



Seibel Chopper & Quick Chopper

- Ball-shaped tip for efficient capsule protection
 - Quick safety chopper with rounded edge
- Overall length 138 mm

7-1361 RHD



Axe Quick Chopper

Overall length 120mm

7-135



Capsule polishers

Anterior / Posterior

- Capsule Polisher
- 135 degree angled shaft
- Overall Length 130 mm

7-101



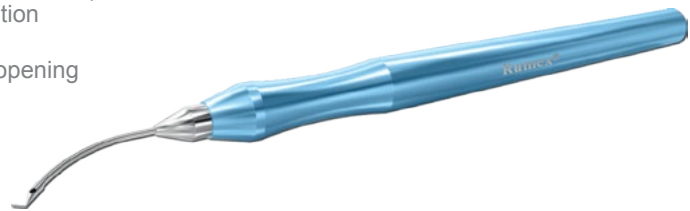
New!**RUMEX INSTRUMENTS FOR CATARACT SURGERY****Lesieur
Hydrochopper, 20 Ga**

This unique design provides a tip that is efficient for chopping as well as manipulating the nucleus without endangering the posterior capsule. Lesieur Hydrochopper is developed especially for Bimanual Microphaco.

- 20 Ga tip with Nagahara type chopper (for 1.0 incisions).
- The end opening port provides maximum irrigation
- The dual oval sideports 0.5 x 0.7 mm provide supplemental irrigation in case when the front opening is overfilled.
- Round Handle
- Overall length 105 mm

7-0634/I

Designed in cooperation with Gilles Lesieur, M.D., France



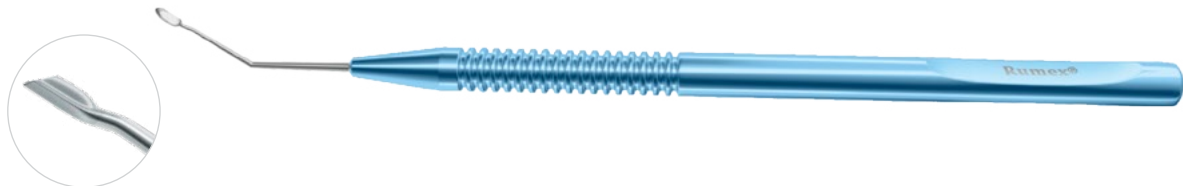
Capsule polishing is an important step of phacoemulsification. Polishing the anterior capsule, removing posterior capsular plaque and other residual cortical debris help to achieve and maintain capsular clarity. At the same time the procedure of polishing must be performed with a safe and delicate instrument.

Capsule Polisher

- Designed to perform delicate polishing of the capsule
- Angled shaft
- "Iron"-shape tip
- Texturized tip for polishing all capsule parts
- Sharpened ridge at the top for efficient polishing the bottom side of the anterior capsule
- Overall length 120 mm.

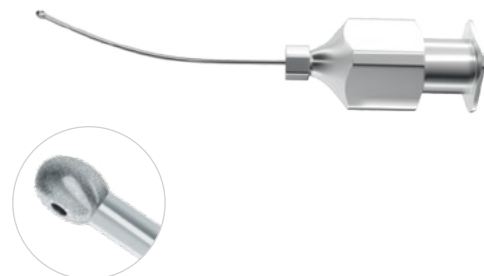
7-142

Designed in cooperation with Huck Holz, M.D., U.S.A.

**Capsule Polisher
Microincisional Cannula, 23 Ga**

- Designed for polishing all aspects of the capsular bag through a 4sub – 2-mm incision
- Texturized tip for delicate and efficient capsule polishing
- Curved tube for better visualization
- 23 Ga x 25 mm

15-170



Irrigation / Aspiration Handpieces

Irrigation / Aspiration Handpiece for Coaxial Phaco

- Round handle
- Standard connectors
- Overall length 110 mm
- Titanium



7-080/IAH

Tips for Irrigation / Aspiration Handpiece

Stainless steel



Thornton 20° angled
7-080/20



Binkhorst
7-080/BC



Simcoe
7-080/SIM



45° angled
7-080/45



90° angled
7-080/90



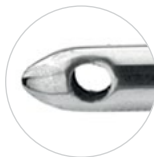
Straight
7-080/ST

Irrigation Handpiece For Bimanual Technique

- Curved tube with smooth faced tip
- Round handle
- Titanium handle / Stainless steel tip
- Standard connector
- Overall length 104 mm



7-081 21 Ga Most Popular
- 2x0.35 mm side ports



7-0813 21 Ga
- 2x0.5 mm side ports



7-081-23 23 Ga Most Popular
- 2x0.35 mm side ports

Irrigation / Aspiration Handpieces



Aspiration Handpiece

For Bimanual Technique

- Curved tube with smooth faced or texturized tip
- Round handle
- Titanium handle/Stainless steel tip
- Standart connector
- Overall length 104 mm



7-082 21 Ga Most Popular

- 1x0.35 mm top port
- Smooth faced tip



7-0821 22 Ga Most Popular

- 1x0.35 mm top port
- Capsule polisher tip



7-0821-23 23 Ga

- 1x0.35 mm top port
- Capsule polisher tip



7-0826 23 Ga

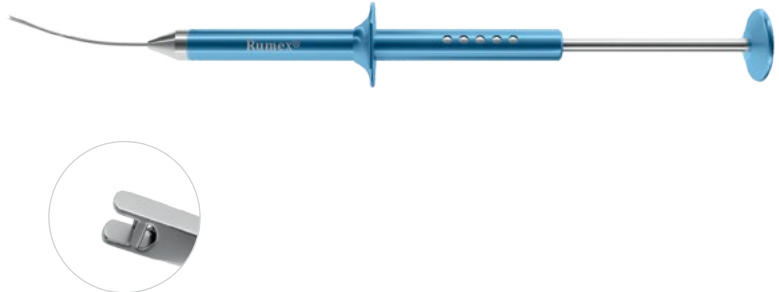
- 1x0.3 mm top port
- Polished ball tip is safe and atraumatic for the capsular bag
- No need to enlarge the incision
- Smooth faced tip

Capsular Ring Injectors

Injector

For Capsular Ring With Irrigation

- Designed for one-hand implantation of the capsular tension rings with diameters of 10, 11 and 12 mm
 - Allows to implant the capsular tension ring clockwise and counter-clockwise
 - Back cover of the instrument can be easily opened to flush and clean the inner mechanism of the injector
- Overall Length 162 mm



16-253

IOL Injectors / IOL Inserters

IOL Injector for cartridges

Most Popular

Plunger mechanism with reverse inner spring for easy and efficient one-handed technique implantation

- Specially designed handle enables firm grip and precise control
- With ring
- For A, B, C cartridges

Can be supplied with 4-2141 IOL Loading Forceps



16-2806

For A,B,C cartridges

16-2808

For D cartridge

IOL Injector for D cartridge

Plunger mechanism with reverse inner spring for easy and efficient one-handed technique implantation

- Specially designed handle enables firm grip and precise control
- Without ring
- For D cartridge

Can be supplied with 4-2141 IOL Loading Forceps

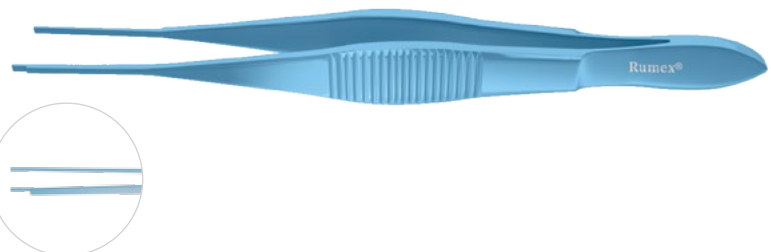


16-2807

Cartridge Loading Forceps

Designed for inserting Acrylic IOL into A, B, C, D cartridges

- To be used with 16-2806, 16-2807, 16-2808 Injectors
 - Thin and smooth jaws
- Overall Length 109 mm
Titanium



4-2141T

DISPOSABLE SYSTEMS - PRELOADED*

RUMEX is the official distributor of Swiss company Medcel in all countries with the exception of the United Kingdom, Italy, Ireland and Brazil.

The main goal of which company - making eye surgery safer, simpler and more effective and keeping the incision as small as possible.

Over the last ten years, Medcel have significantly contributed to the development of microsurgical techniques. Particularly in the area of lens injection systems, Medcel has set new benchmarks. Today, more than 1 million lenses are injected per year with Medcel injection systems around the world.

SAFETY, SIMPLICITY, RELIABILITY...

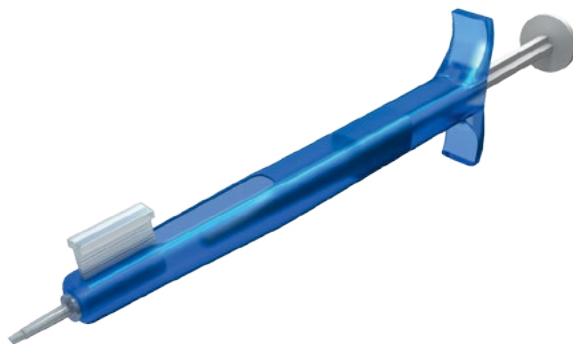
ACCUJECT™



The new ACCUJECT™ – system represents total reliability for safe and effective lens injections. The compact design with integrated cartridge of the fully single-use ACCUJECT™ system enables a simple, predictable loading and positioning of any lens. This allows the surgeon and O.R. personnel to load any lens in the same simple manner. The ACCUJECT™ system is designed for 1- and 3 piece lenses for incision sizes of sub 2.8 to sub 2.2 mm.

MAXIMUM EFFICIENCY WITH MAXIMUM SAFETY

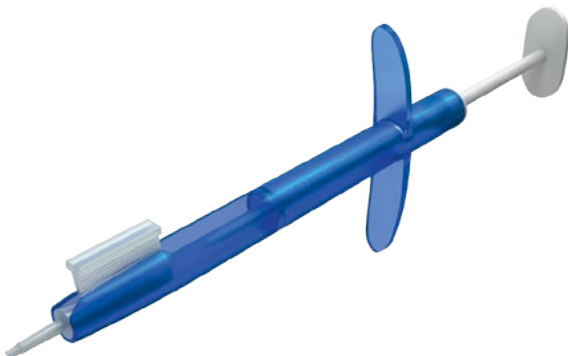
NAVIJECT™



The NAVIJECT™ system from Medcel represents yet another breakthrough for safe and effective micro-incision cataract surgery. Complications associated with the shortcomings of other lens injection systems are now a thing of the past. NAVIJECT™ simplifies the loading of the lens, enables smooth and efficient lens injection and ensures the critical process of lens injection safely.

ADVANCED BUT ECONOMICAL

VISCOJECT™ eco



The VISCOJECT-eco is a cost effective solution representing all features of the VISCOJECT system that has changed the world of Micro Incision Cataract Surgery (MICS)!

The VISCOJECT™ eco system includes the original VISCOJECT™ cartridges which are sterile packed in combination with the VISCOJECT™ eco injector. This low cost solution does not make any compromise on product safety and quality.

* Not available in the US

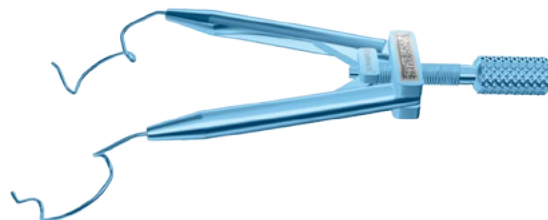
PRK/LASIK Speculums

Specially designed to accommodate microkeratome suction ring

Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Round branches
- Titanium
- Overall length 71 mm

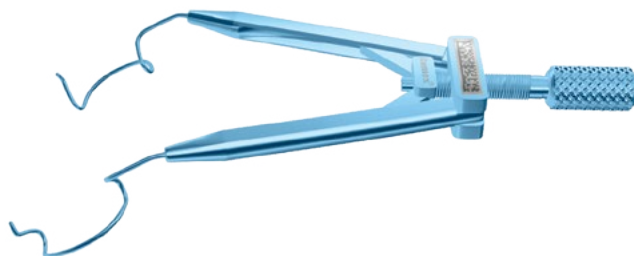
14-040TL adult



Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Flat branches
- Titanium
- Overall length 76 mm

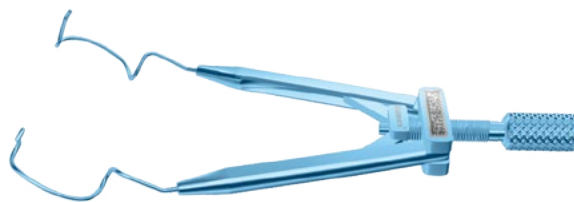
14-0401TL adult



Lieberman Style for LASIK

- Nasal
- Rounded open blades
- Flat branches
- Titanium
- Overall length 70 mm

14-0411TL adult



PRK/LASIK Speculums with Aspiration

Lieberman Style for LASIK

Most Popular

- Rounded open blades

14-080LA temporal
14-081LA nasal



LASIK Markers

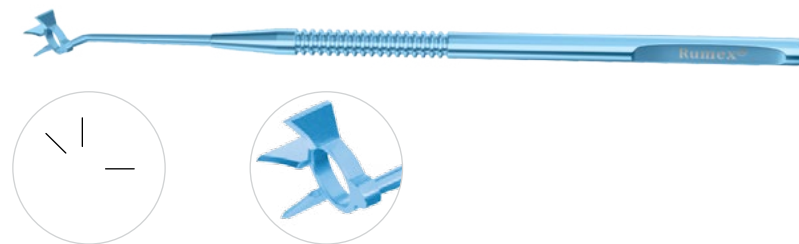


Lavery LASIK

Marker

- 8,5 mm optical zone
 - 5 asymmetrical marking lines to ensure right placement of a corneal flap
 - With an optical centre sight
- Overall length 130 mm
Titanium

3-174T



LASIK Flap

Marker

- 3 asymmetrical marking lines to ensure right placement of a corneal flap
 - Designed both for nasal and superior hinge
- Overall length 130 mm
Titanium

3-176T

LASIK Spatulas

Paton

Doble Ended Spatula and Spoon

- Spatula for manipulations with the cornea (LASIK/PRK/Corneal Transplantation)

13-110



Hockey Knife

For epithelium removal

- To remove epithelium for PRK procedure and during LASIK retreatment
- Overall length 130 mm

20-001



Lindstrom

LASIK / PRK Spatula And Epithelium Removal Board

- Semi-sharp end of the instrument designed to remove epithelium
 - Fine spatula on the other end is used for flap manipulation during LASIK surgery
- Overall length 145 mm

20-002



LASIK

Spatula And Flap Retreatment Instrument

- Double ended
- Overall length 145 mm

20-013

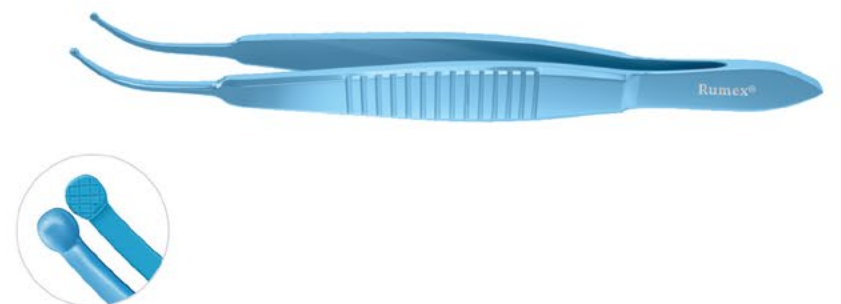


LASIK Flap Forceps

Specially designed for LASIK.
For atraumatic corneal flap lifting and holding.

- Blunt, circle-shaped
 - Criss-cross serrated jaws
 - Curved jaws
- Overall length 108 mm
Titanium

4-2206T



LASIK Cannulas



Vidaurri

LASIK Double Cannula

8 irrigating ports
 Universal cannula simultaneously irrigates both sides of flap.
 Washes at Stromal bed and enables flap positioning
 Design permits sideways entry into the flap without dragging epithelium into the interface

15-371-25 25Ga /16Ga x 12mm shaft

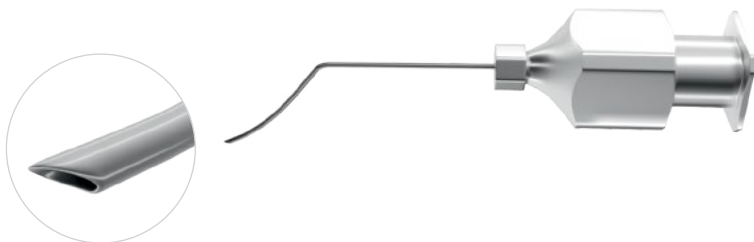


Banaji

LASIK Irrigation Cannula

4 Ports 0.25 mm on periphery
 Curved

15-373-25 25Ga
 15-373-27 27Ga



Slade

LASIK Cannula

Flattened spatulated tip, end opening

15-376 26Ga

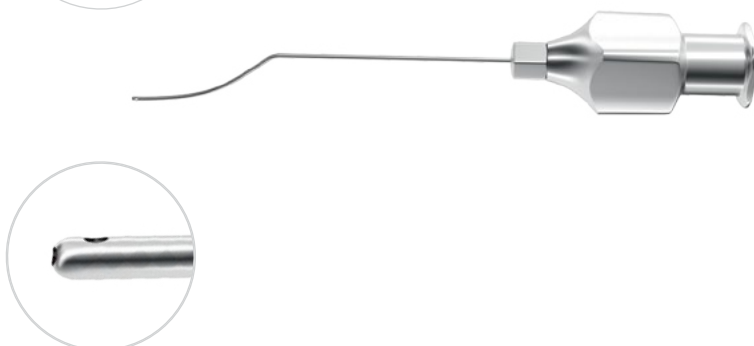


Gimbel

LASIK Fountain Cannula

Single port

15-378R 25Ga x 25.4mm, Right
 15-378L 25Ga x 25.4mm, Left



Buratto

LASIK Irrigation Cannula

45° angled triport
 The tip is a smooth closed end design slightly tapered to allow insertion under the flap.
 10 mm curved angle to conform to the corneal shape

15-379-25 25Ga

LASEK Instruments

LASEK Trephine

For epithelial flap creation

Depth of the incision 70 mkm
Overall length 120 mm

20-1011

8.0mm

20-1021

9.0mm



LASEK Funnel

For the application of the alcohol solution

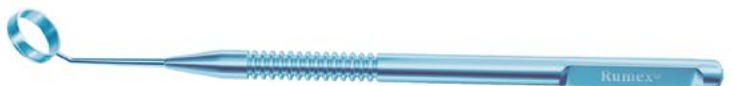
For 8 mm and 9 mm optical zones
Overall length 120 mm

20-1031T

8.5mm

20-1041T

9.5mm



LASEK Trephine & Funnel

For epithelial flap creation

- Depth of the incision 70 mkm
 - For the application of the alcohol solution
 - For 8 mm and 9 mm optical zones
- Overall length 130 mm

20-121

8.0 & 8.5 mm

20-122

9.0 & 9.5 mm



LASEK Detaching Spatula

- Can be used to detach edge of the epithelium flap
- Overall length 130 mm

20-130



LASEK Epithelial Micro Hoe

- Can be used to detach and lift edge of the epithelium flap
- Overall length 130 mm

20-131



LASEK Knife

- The sharp anterior part of the knife is used to detach epithelium from the incision
- The blunt part of the knife is for repositioning of the epithelium after the ablation

20-0011



FemtoLASIK Instruments



FemtoLASIK

Flap Spatula, Double Ended

- Double ended instrument with a delicate pick and a curved spatula to open and manipulate the flap
- Overall length 130 mm

20-201



FemtoLASIK

Flap Spatula

- Delicate spatula with a jag on the tip to detach the flap edge and to open the flap
- Overall length 130 mm

20-202



Zaldivar

FemtoLASIK Spatula

- Extra delicate spatula with bullet shaped tip to open and manipulate the flap
- Overall length 130 mm

20-203

Accessories



Marking Pen

Double-ended

Disposable, 10 pcs per box

20-050

LRI Instruments

Featured random instruments for LRI procedure. For more instruments please check the relevant section (Calipers, Gauges, Markers, Forceps, etc.) of the Catalog.

Mendez

Most Popular

Degree Gauge

- Used to determine incision angles
Can be used with 3-090T Bores Axis Marker
- Calibrated every 10 degrees from 0° to 180°
 - With 4 grooves for better marks visualization
 - Internal diameter 13 mm/external diameter 16.5 mm
 - Overall length 122 mm
 - Titanium

2-0331T



Bores

Axis Marker

- Used with Mendez 2-034T to mark the axis.
- Intra-Op
 - Overall length 130 mm
 - Titanium

3-090T



LRI Marker

- Intra-Op
- Automatically creates marks at 40-60-80 degrees
- Overall length 130 mm

3-1801

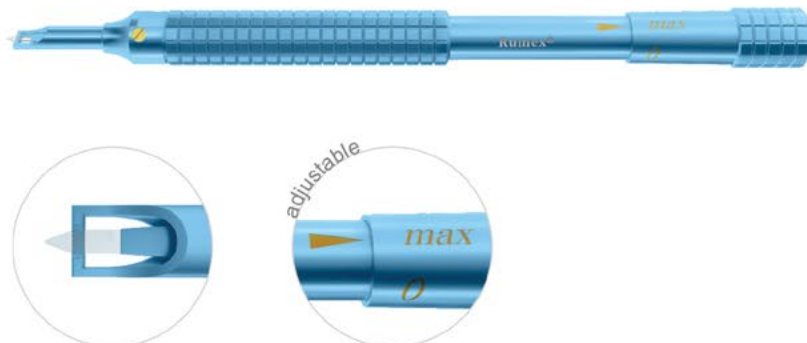


Universal Three-Step Knife

For Cataract and LRI Surgery

- Three steps: 0.50 mm, 0.55 mm and 0.60 mm for LRI and AK Surgery
Full extension for Side Port or Phaco Incision
Single footplate for better visualization
20° Trifacet Blade
0.20 – 1.00 mm width
Overall length – 130mm

6-322/6-0531



Toric IOL Implantation Instruments

Featured random instruments for toric IOL implantation procedure. For more instruments please check the relevant section (Calipers, Gauges, Markers, Forceps, etc.) of the Catalog.



▲ Mendez New

- Grooved Fine Mendez Degree
Used to determine incision angles
Can be used with 3-091T Bores Axis Marker
- Calibrated every 5 degrees from 0° to 180°
 - With 4 grooves for better marks visualization
 - Internal diameter 12 mm/external diameter 14 mm
 - Dull finish
 - Overall length 120 mm
 - Titanium

2-034T



▲ Bores New

- Axis Marker
Used with Mendez 2-034T to mark the axis.
- Intra-Op
 - Overall length 130 mm
 - Titanium

3-091T



▲ Whitehouse Most Popular

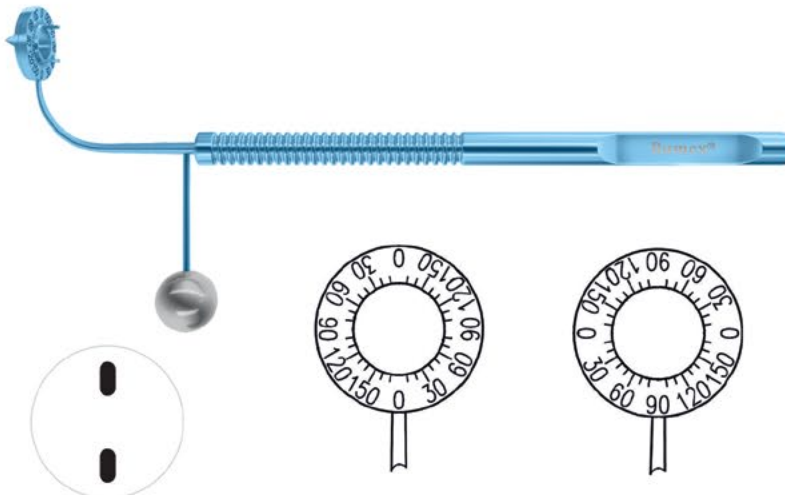
- Gravity Axis Marker
- Pre-Op
 - Marks the limbus at 3, 6 and 9 o'clock
 - Helps to avoid the effect of cyclotortion
 - Gravity weight system assures excellent visualization and balance
 - Internal diameter 11 mm/external diameter 14 mm
 - Overall length 155 mm

3-193

Angled shaft

3-1931

Straight shaft



▲ Rumex Toric Combo Most Popular

- Marker
- Pre-Op marker to mark the axes while the patient is in sitting position
 - Marks both horizontal and toric axes pre-operatively, which eliminates an Intra-Op step
 - Provided with rotating ring for accurate alignment.
 - Reduces cyclotorsion effect in supine position
 - Overall length 125 mm

3-194

Vertical axis

3-1941

Horizontal axis

▶ **Velasquez** New

- Corneal Marker for LRI/Toric IOL implantation
- 4 radial blades mark the horizontal and vertical meridians of the visual axis
 - The internal marks help to check the IOL alignment in the end of surgery
 - The central 5 mm ring serves as a guide for capsulorrhexis
 - The outer ring protects blades from damage
 - Angled shaft helps to avoid touching the lower eyelid

3-195 Angled shaft



▶ **Microincisional Capsule Polisher** New

- Curved tube for better visualization
 - Texturized tip for delicate and efficient capsule polishing
 - Specially designed for scrubbing all parts of the capsular bag
 - Obtains performing a procedure through a sub 2-mm incision
- Stainless Steel

15-170 23Ga x 25mm

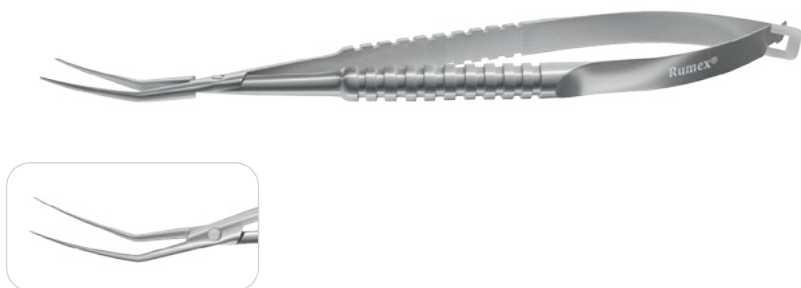


Phakic IOL Implantation Instruments

▶ **ICL™** Most Popular

- Cartridge Loading Forceps
- Designed to remove the ICL from the container and push it inside the cartridge
 - Angled 30 degree long jaws
 - Round handle
- Overall length 120 mm
Titanium or stainless steel

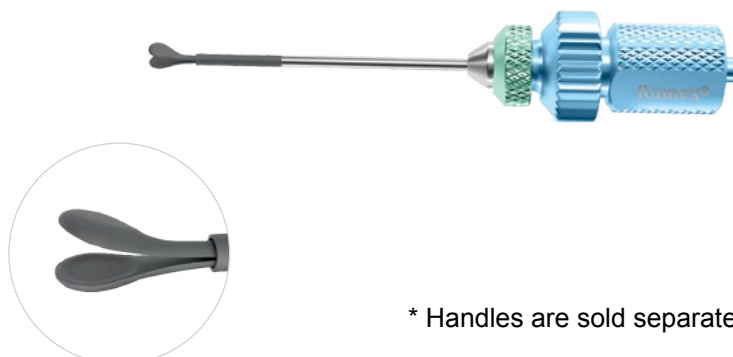
4-20111T
4-20111S



ICL™ Loading Forceps

- Coaxial Angled Forceps
- Straight 20 Gauge shaft
 - Non rotatable
 - Designed to load the ICL™ inside the cartridge to ensure proper positioning by pulling from the distal opening
 - Compatible with Squeeze Handle 12-003T

4-21431* 20 Ga



* Handles are sold separately!

**Pallikaris**

ICL™ Manipulator

- Designed to place the lens corners under the iris
- Sandblasted tip
- Overall length 120 mm

13-141

**Zaldivar**

ICL™ Manipulator

- Double ended instrument with slight forked tips to place the lens corners under the iris
- Overall length 130 mm

13-142

ICL™ — registered trademark of STAAR®

ICSR (Intrastromal Corneal Ring Segments) Implantation Instruments**Optical Zone Marker**

Used to mark visual center for ICSR implantation procedure

- Double ended
- Visual center marker 0.15mm width
- Sinskey hook 0.5mm width
- Titanium Handle/Stainless Steel Tips

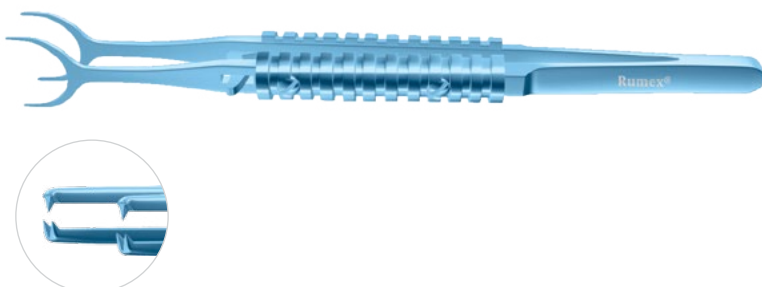
3-034

**Tunnel Zone Marker**

Marking tunnel for future ring position with initial lines for incisions

- Internal diameter 4.0 mm/ external diameter 6.0 mm
- Creates 2.0 mm lines
- 40 degree angled to handle
- Titanium

3-143T

**Nevyas-Wallace**

Fixation Forceps

Two point fixation

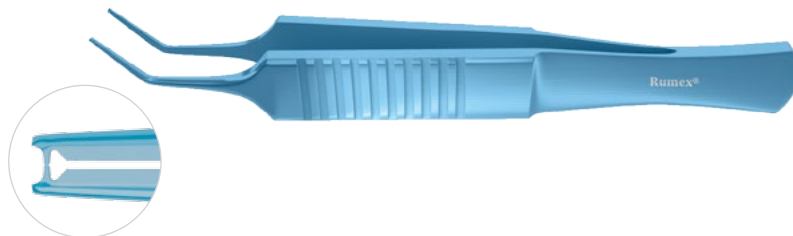
- 13.0 mm between the ends
- 1x2 teeth, 0.12 mm
- Straight shafts
- Round handle
- Overall length 105mm
- Titanium

4-08011T

Forceps for ICSR Implantation

- 0.2mm 1x1 teeth
- 0.3mm groove
- Overall length 85mm
- Titanium

4-2144T

**Elevator for ICSR Implantation**

Creates a small notch in intended direction of the tunnel

- 0.1 mm height, 0.2 mm width, 0.7 mm length
- Straight shaft

10-035

**Suarez Spreader**

For widening the notches in both directions in a proper depth

- 0.1 mm height, 0.6 mm width, 1.25 mm length
- Straight shaft

13-146

**Bicalto Guide**

For lifting the cornea prior to the Tunnel Maker insertion

- Blunt tip
- 0.3 mm height, 0.1 mm width, 5 mm length
- Angled shaft

13-147

**Tunnel Maker**

- Internal diameter 4.4mm
- External diameter 5.6mm
- Stainless Steel

16-173S Left
16-174S Right



Corneal Trephine Blades



Corneal Trephine Blades

Corneal Trephine Blades
Stainless Steel

16-0300 6.0 mm
16-0301 6.5 mm
16-0303 7.0 mm
16-0305 7.5 mm
16-0306 7.75 mm
16-0307 8.0 mm
16-0308 8.25 mm
16-0309 8.5 mm
16-0310 9.0 mm
16-0311 9.5 mm

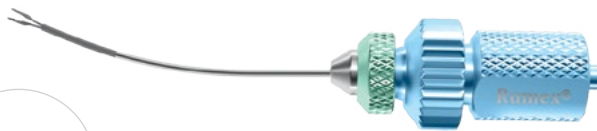
DSEK, DSAEK, DMEK Instruments



Corneal Donor Insertion Forceps

- Designed for atraumatic insertion of the donor lamella folded in a taco shape
- 30 degrees angled, 18 mm tip
- Round Handle
Overall Length 125 mm
Titanium

4-2019T



Forceps for Corneal Endothelium Implantation

- For inserting the donor button with the pull-through technique
- Security of cornea stromal layer
Compatible with Squeeze Handle (12-003T)

4-034*



Spatula-Guide

- For corneal endothelium implantation
Overall length 122 mm

13-150T



Reverse Sinskey Hook

- For scoring the recipient bed and for placing the donor lamella
- Angled
- 10 mm from bend to tip
Overall length 116 mm

5-0322

* Handles are sold separately!

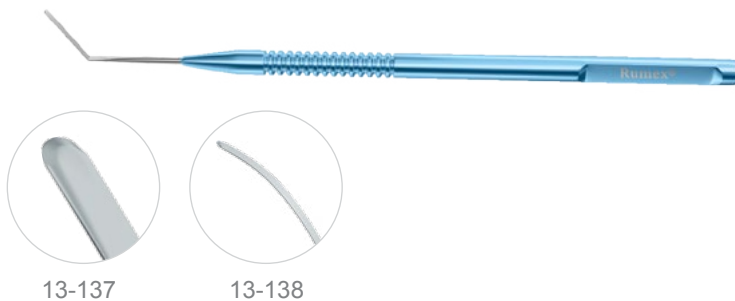
DSEK, DSAEK, DMEK Instruments

Corneal Dissector

- For intrastromal dissection
- Overall length 125/127 mm

13-137 Straight

13-138 Curved



Endothelial Stripper

- Irrigating
- For Descemet's stripping
- Overall length 104 mm

13-139/I



Cindy

- Sweeper DSEK Spatula
- 0.7 mm diameter
 - 12 mm from bend to tip
 - Angled shaft
 - Overall Length 114 mm
 - Stainless steel

13-151S



Carlson

- DSEK Smoother
- 2.5mm blunt ball
 - 7.5mm from bend to tip
 - Angled / vaulted shaft
 - Overall length 115 mm
 - Stainless steel

13-152S



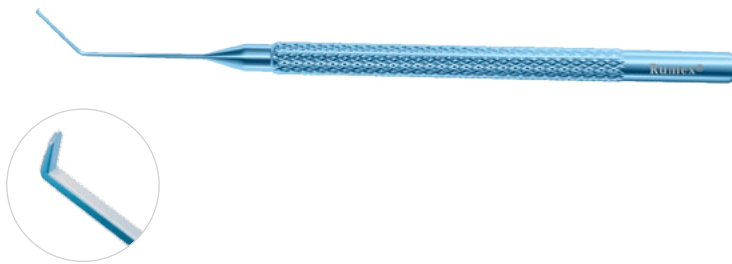
Terry

- DSEK Scraper
- Hole-shaped scraper facing upward
 - 11 mm from bend to tip
 - Angled shaft
 - Overall length 114 mm
 - Stainless steel

13-153S



DSEK, DSAEK, DMEK Instruments

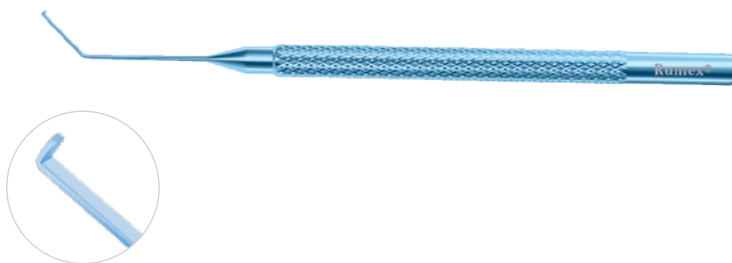


Melles Style 1

DSAEK PLK Scraper

- 45 Degree angled tip
 - 45 Degree angled shaft
 - 11 mm from bend to tip
 - Round knurled handle
- Overall length 125 mm
Titanium

13-154T



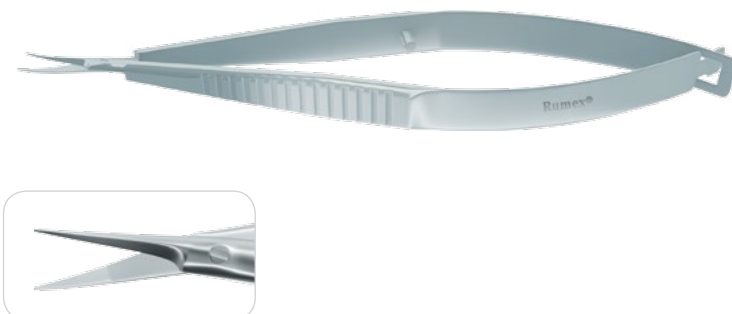
Melles Style 2

DSAEK PLK Scraper

- 90 Degree angled tip
 - 45 Degree angled shaft
 - 11 mm from bend to tip
 - Round knurled handle
- Overall length 125 mm
Titanium

13-155T

DALK Instruments



11-038S

DALK Corneal Transplant Scissors

- Blades with blunt legde (Descemet's membrane protection)
 - Used to perform the superficial keratectasia (removal of superficial layers of corneal stroma).
 - Used to remove the 4 parts of separated stromal layers after the "Big Bubble" procedure.
- Stainless Steel
Overall length 108 mm

11-038S right (shown)

11-0381S left



Trisector for DALK Procedure

- Flat 1.4 x 0.7mm tip designed to finish any dissection during "Big Bubble" technique
- The anterior surface has an edge that facilitates the enlarging of stromal opening with a blade
- Facilitates separation the rest of stromal attachments from the Descemet's membrane at the periphery
- Blunt bottom surface is safe for Descemet's membrane
- Overall length 124 mm

13-170

DALK Instruments

Spatula for DALK Procedure

- Flat 1 x 8mm tip is designed to complete any unfinished dissection during «Big Bubble» technique
 - The center groove can be used as a guide for the blade facilitating the enlarging of stromal opening.
 - Blunt bottom surface is safe for Descemet's membrane
- Overall length 122 mm

13-171



Dissector for DALK Procedure

- This instrument is used at the beginning of "Big Bubble" procedure for creating a track in deep stroma for the further Cannula 15-450-27 inserting.
 - 12mm length blunt beveled tip
- Overall length 122 mm

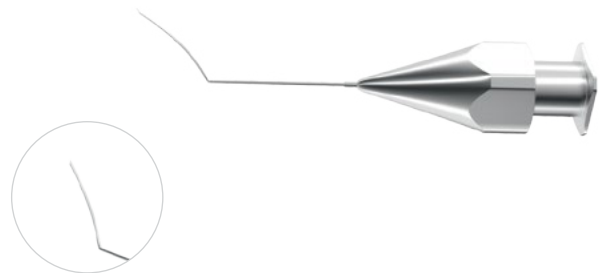
13-172



Cannula for DALK Procedure

- 0.2 mm port at the bottom
 - 27 Gauge
 - Designed for air injection in order to achieve ideal "Big Bubble"
- Stainless steel

15-450-27



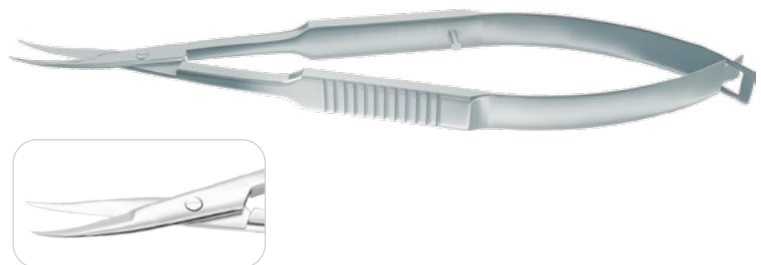
DLEK Instruments

DLEK Corneal Transplant Scissors

- Long blades
 - For the removal of the posterior corneal layers
- Overall length 102/110 mm
Stainless Steel

11-036S medium curve

11-0361S strong curve



11-036S

11-0361S

Manipulator for DLEK procedure

- Designed to tuck the edges of the donor lamella
 - 0.15 mm diameter tip
 - Round handle
 - Z-hook with Blunt Tip
- Overall Length 120 mm

13-160



Glaucoma Instruments



Harms

Trabeculotome

- 9 mm long pointed tips with 3 mm spread
- Overall length 46 mm

16-012S left (shown)

16-013S right

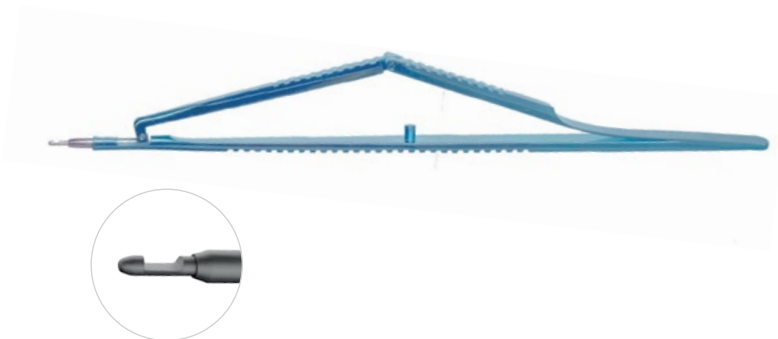


Rumex

Corneoscleral Punch

- Set of stainless steel tips:
 - 0.50 mm
 - 0.75 mm
 - 1.00 mm
 - 1.50 mm
- Titanium handle
- Overall length 110 mm

16-010



Kelly

- Descemet's Membrane Punch
- Creates precise 0.75 mm round hole without tissue tags
- Stainless steel tip
- Serrated squeeze action handle
- Titanium handle
- Overall length 131 mm

16-011



Micro

Trabeculectomy Punch

- 0.6mm diameter head
- Bullet-shaped tip
- 0.3mm x 0.6mm deep bite
- Compatible with Squeeze Handle (12-003T)

16-0111*

* Handles are sold separately!

Rust Ring Removal

Alger Brush

Rust Ring Remover

- A complete set of a power handle and 1 tungsten burr
- Battery operated
- Overall length 105 mm

16-140 with 1.0 mm tungsten burr

16-141 with 0,5 mm tungsten burr



Tungsten Burrs

Replacement Burrs for Alger Brush

- Box of 5
- Overall length 22 mm
- Tungsten

16-142B 1.0mm burrs

16-143B 0.5mm burrs



Pterygium Instruments

Alger Brush

Pterygium Instrument

- A complete set of a power handle and 1 diamond dusted burr
- For smoothing the surface of the cornea after the surgical removal of the tissue
- Battery operated power handle

16-051-2.5 with 2.5 mm round fine diamond dusted burr

16-050-3.5 with 3.5 mm round medium diamond dusted burr

16-050-5.0 with 5 mm disk shaped diamond burr



Diamond Burr

Replacement burrs with chucks for Alger Brush Pterygium power handle

- 1 piece
- Diamond Dusted

16-051-2.5B - round 2.5 mm diameter

16-051-3.5B - round 3.5 mm diameter

16-052-5.0B - disk shaped 5.0 mm diameter



Lacrimal Probes



Bowman

Lacrimal Probe
Overall length 133 mm

9-010S - size 0000 & 000
9-011S - size 00 & 0
9-012S - size 1 & 2
9-013S - size 3 & 4
9-014S - size 5 & 6
9-015S - size 7 & 8



Quickert

Lacrimal Intubation Probe
Overall length 140 mm

9-021S - size 0
9-023S - size 2
9-024S - size 3



Pigtail

Lacrimal Probe
– 8 mm pigtail curved probes with holes
– Round serrated handle
– Polished tip
Overall length 145 mm

9-031

Lacrimal Dilators



Wilder

Lacrimal Dilator
– Blunt polished tip
– Round knurled handle
Overall length 100 mm
Titanium

9-050T - size 1 (19 mm)
9-051T - size 2 (23 mm)
9-052T - size 3 (32 mm)



Castroviejo

Double Ended Lacrimal Dilator
– Polished tip
– Round knurled handle
Overall length 100 mm
Titanium

9-060T - size 1 & 2

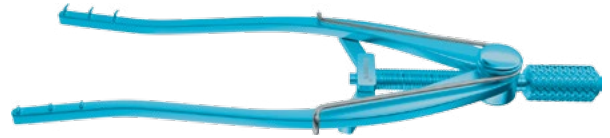
Lacrimal Sac Retractors

Stevenson

Lacrimal Sac Retractor

- Curved 2 mm x 3 mm teeth
- Blades separated 25 mm
- Screw opening
- Overall length 83 mm

10-013



Knapp

Lacrimal Sac Retractor

- Blunt 4 mm x 8 mm four prong tip
- Round serrated handle
- Overall length 140 mm

10-014



Nasal Speculums

Nasal Speculum

- Polished finish
- Stainless steel

16-127 Adult Size



Mallets

Surgical Mallet

- Polished finish
- Stainless steel

16-135



Rongeurs

Kerrison

Rongeur

- 3 mm wide
- 9 mm opening
- Polished finish
- Stainless steel

16-136 size 0



Belz

Lacrimal Sac Rongeur

- Polished finish
- Stainless steel

16-138



Lid Retractors, Plates, Clamps.



Desmarres

Lid Retractor

- Round serrated handle
- Overall length 130 mm

10-020 - size 0 11.0 mm

10-021 - size 1 13.0 mm (shown)

10-022 - size 2 15.0 mm

10-023 - size 3 17.0 mm

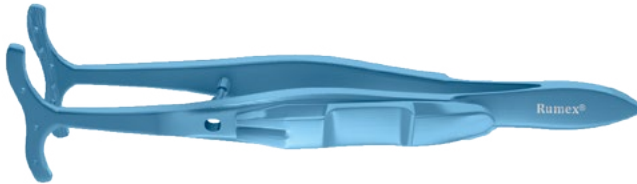


Lid Plate

- 20 mm and 24 mm wide
- Nonreflective surface
- Overall length 110 mm
- Stainless steel or titanium

16-50S (shown)

16-50T



Putterman

Lid Clamp

- 6 Pins
- Serrated jaws
- Sliding lock
- Overall length 100 mm
- Titanium

4-140T



Lid And Chalazion Forceps



Compressing Lid Forceps

- Physical expression of dysfunctional meibomian glands has the goal of removing gland obstruction
- This instrument obtains quick and delicate meibum expression by equal compressing of the eyelid from the internal and the external sides.
- Overall length 112 mm
- Titanium

4-1913T

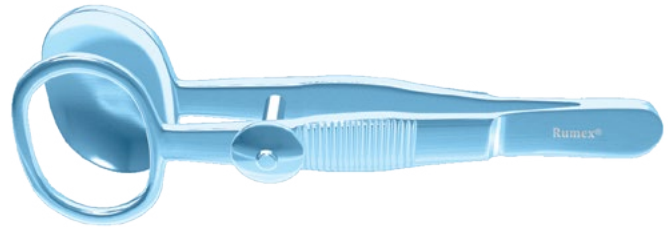
Lid And Chalazion Forceps

Desmarres

Chalazion Forceps

- Solid lower plate, open upper plate
- Locking thumb screw mechanism
- Overall length 96/90/92 mm
- Titanium

4-1906T Large Size	31x20mm
4-1907T Small Size	20x13mm
4-1912T Medium Size	24x16mm



Lambert

Chalazion Forceps

- Round solid lower plate, open upper plate
- Locking thumb screw mechanism
- Overall length 92/97 mm
- Titanium

- 4-1908T
small (8 mm ID of the upper plate)
- 4-1909T
medium (12 mm ID of the upper plate (shown))



Chalazion Curettes

Meyerhoefer

Chalazion Curette

- 16-063 size 0 (1.50 mm)
- 16-064 size 1 (1.75 mm)
- 16-065 size 2 (2.00 mm)
- 16-066 size 3 (2.50 mm)
- 16-067 size 4 (3.50 mm)



Muscle Forceps



Jameson

- Muscle Forceps
- 11 mm from tip to angle
 - 6 teeth
 - Slide lock
 - Overall length 100 mm
 - Stainless Steel

4-130S Left
4-131S Right



Osher

- Superior Rectus Forceps
- Curved with 1x2 teeth, 0.5 mm
 - Angled shafts
 - 10 mm from tip to angle
 - Overall length 107 mm
 - Stainless Steel

4-136S

Muscle Hooks



Jameson

- Muscle Hook
- Flat hook
 - Bulbous tip
 - Overall length 135 mm

5-040 Standart (2 mm tip, 9,5 mm hook)
5-0401 Small (1,5 mm tip, 8 mm hook)



Graefe

- Muscle Hook
- Flat hook
 - Overall length 140 mm

5-041 Size 1 (1 mm tip, 8 mm hook)
5-042 Size 2 (1,5 mm tip, 10 mm hook)



Scobee

- Oblique Muscle Hook
- Curved shaft
 - 4.5mm flat hook
 - Overall length 140mm

5-061

Muscle Hooks

Stevens

- Tenotomy Hook
- 6 mm curved hook
 - Overall length 120 mm

5-062



Enucleation / Evisceration Instruments

Orbital Globe

- Retractor-Elevator
- Double ended 10 mm wide and 14 mm wide ends
 - Thin ribbon retractor with a gentle "S" curve
 - Overall length 180 mm
 - Titanium

10-034T



Wells

- Enucleation Spoon
- Round knurled handle
 - Overall length 130 mm

16-060

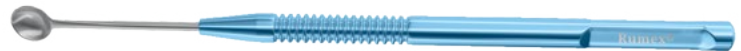


Bunge

- Evisceration Spoon
- Round knurled handle
 - Overall length 130 mm

16-061 small size

16-062 large size



Vitreoretinal Instruments

Index

Color Code System

Handles for Vitreoretinal Instruments

Vitreoretinal Scissors

Vitreoretinal Forceps

Membrane Instruments

Sets of Instruments

Instruments with Fixed Tips / Non-Rotatable

Trocar Cannula Systems

Vitrectomy Cutters

Backflush Instruments

Retinal Cannulas

Fiberoptic Probes

Silicone Oil

View all our posterior segment products at www.rumex.net



Vitreoretinal Instruments

You are welcome to choose among various models of vitreoretinal tips that can be adjusted to Universal Handles (12-001T or 12-003T)*

Gauge	Outer Diameter	
	(inch)	(mm)
19g	0.043	1.10
20g	0.036	0.90
21g	0.032	0.80
22g	0.028	0.70
23g	0.025	0.63
24g	0.022	0.55
25g	0.020	0.50
26g	0.018	0.45
27g	0.016	0.40
28g	0.014	0.36
29g	0.013	0.33
30g	0.012	0.30

Color Code System*

To make identification of vitreoretinal instruments easier and faster we have introduced a gauge color code system that will help you recognize the function of a tip and its size.

FUNCTION	
Scissors	PINK
Forceps	GREEN

GAUGE	
17	GREY
20	PINK
23	GREEN
25	BLUE
27	YELLOW

COMPATIBILITY (adjustable to handles)	
12-001T	PINK
12-001T / 12-003T	BLUE

* Colors of details may differ slightly from those displayed in this catalog.

Manual Cleaning

Proper manual cleaning of the instrument is necessary to preserve its working condition. Rumex manufactures interchangeable microincisional and vitreoretinal instruments to help you clean the tips separately from the handle to expand its useful lifespan and prevent inflammation after the surgery.

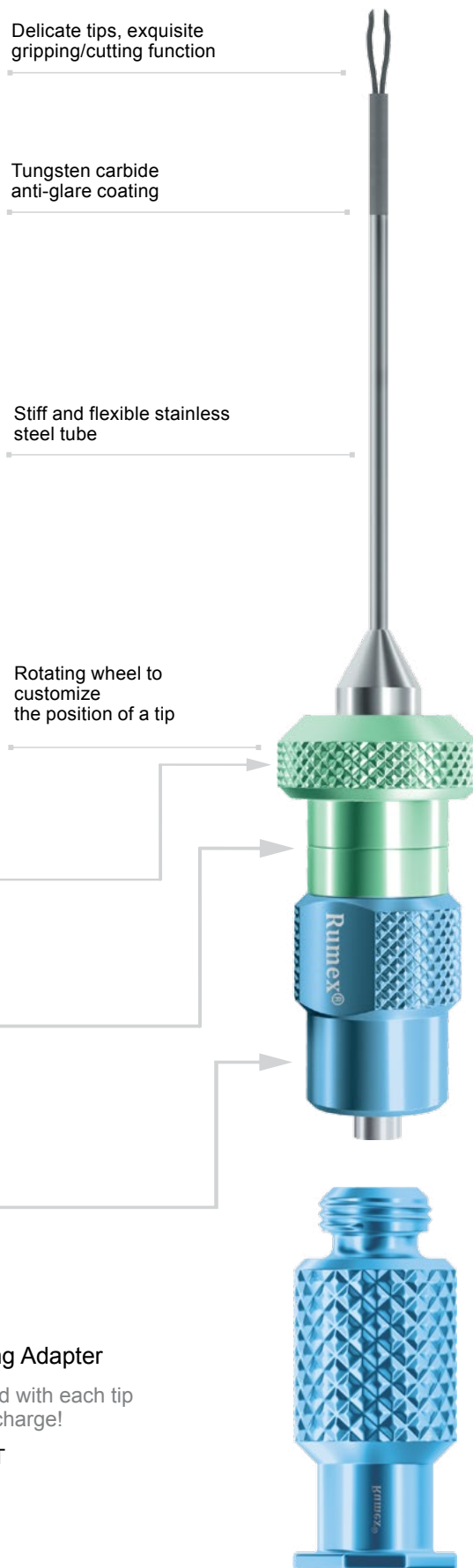
* Handles are sold separately!

Delicate tips, exquisite gripping/cutting function

Tungsten carbide anti-glare coating

Stiff and flexible stainless steel tube

Rotating wheel to customize the position of a tip



Flushing Adapter

Provided with each tip free of charge!

12-000T

Handles for Vitreoretinal Instruments

Rumex International Co is pleased to provide you with two models of Universal Handles that can be used with interchangeable tips*

- Made of titanium
- Corrosion resistant
- Can be used with tips of any gauge 20/23/25/27 (and other gauges)

Ergonomic Model

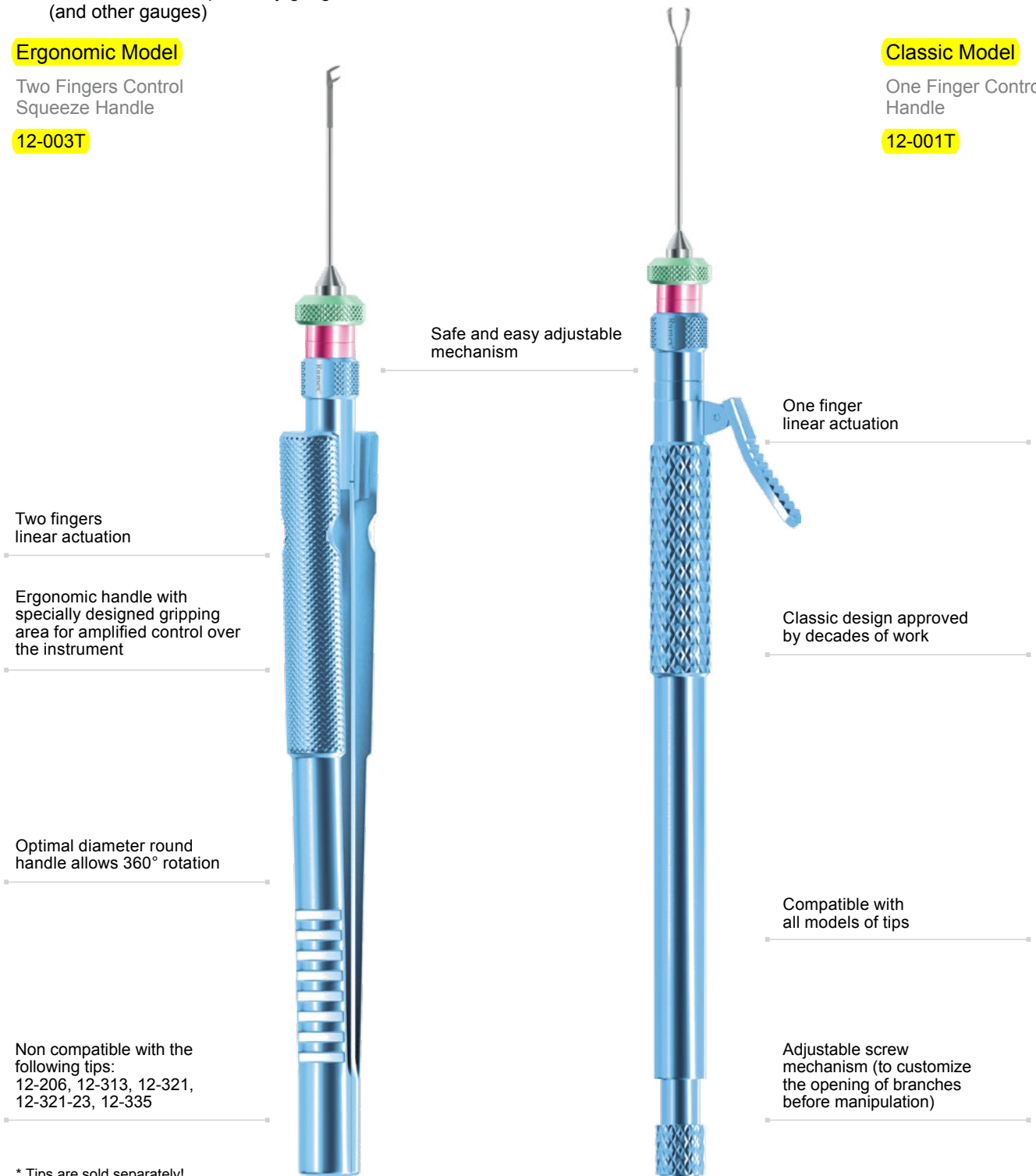
Two Fingers Control Squeeze Handle

12-003T

Classic Model

One Finger Control Handle

12-001T



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Standard Scissors*

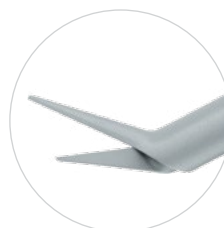
- Designed for cutting membranes and junction zones of the proliferative tissue



Vertical Scissors

70 Degrees
Sharp tips

12-202 20 Ga
12-202-23 23 Ga



Horizontal Scissors

55 Degrees

12-206 20 Ga



Klaus Lucke Retinotomy Scissors

With bulbous tip

12-2020 23 Ga



Horizontal Scissors

Angled 45 Degrees
Regular blades 2,2 mm in the closed position

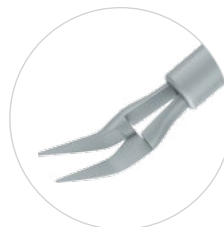
12-208 20 Ga



Vertical Scissors

45 Degrees

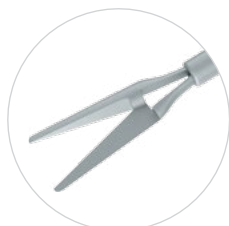
12-2029 25 Ga



Horizontal Scissors

Angled 45 Degrees
Short blades 1,7 mm in the closed position

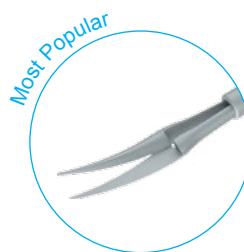
12-2085 20 Ga



Straight Scissors

Blunt tips

12-211 20 Ga



Curved Subretinal Scissors

Curvature radius 12 mm

12-209 20 Ga
12-209-23 23 Ga
12-2099 25 Ga

Illuminated Scissors*



Horizontal Scissors

Angled 45 Degrees
With Illumination

12-2084 20 Ga



Side Curved Scissors

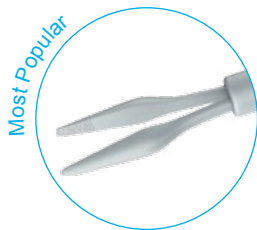
12-215 20 Ga

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Epiretinal Forceps*

- Strong jaws for epiretinal membranes
- Gripping function is enhanced by diamondized/serrated platform or «nails»



Diamondized Gripping Forceps

12-301	20 Ga
12-301-23	23 Ga
12-3019	25 Ga



End Gripping Forceps

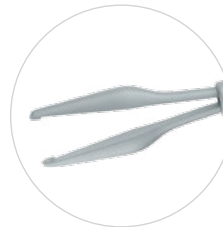
With serrated micro jaws

12-400	20 Ga
--------	-------



Lucke Multipurpose Forceps

12-3044	20 Ga
---------	-------



End Gripping Forceps

With extended gripping area at the end of the tip

12-401	20 Ga
12-4012	23 Ga



«Crocodile» Gripping Forceps

12-304	20 Ga
12-304-23 New	23 Ga
12-304-25 New	25 Ga



«Nail» End Gripping Forceps

12-402	20 Ga
12-402-23	23 Ga
12-4089	25 Ga

* Handles are sold separately: 12-003T and 12-001T

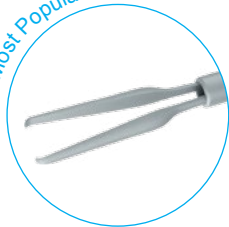
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Internal Limiting Membrane Forceps*

– Delicate branches for ILM peeling



Most Popular



Eckardt End Gripping Forceps

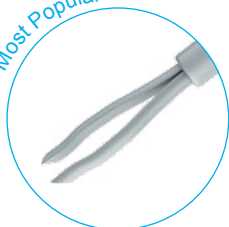
12-410	20 Ga
12-410-23	23 Ga
12-410-25	25 Ga
12-410-27 New	27 Ga



Tano Asymmetrical End Gripping Forceps

12-411	20 Ga
12-411-23	23 Ga
12-411-25	25 Ga

Most Popular



End Grasping Forceps

Standard branches,
28 mm tube (23 Ga)

12-420-23	23 Ga
12-420-25	25 Ga
12-420-27	27 Ga

Elongated branches, 30 mm tube
Designed for myopic eyes

12-4202-23	23 Ga
------------	-------

Enhanced visualization!



Tanaka Maculorhexis Forceps

12-414	23 Ga
--------	-------

New



End Grasping Forceps

Expanded Space between
Branches

12-4013	23 Ga
---------	-------

Enhanced visualization!



Kawai ILM Forceps

12-415	25 Ga
--------	-------

* Handles are sold separately: 12-003T and 12-001T

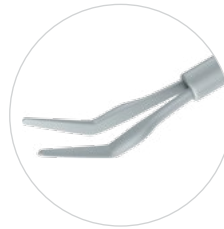
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Pick/Subretinal Forceps*



Pick Forceps

12-325 20 Ga
 12-325-23 23 Ga
 12-3259 25 Ga

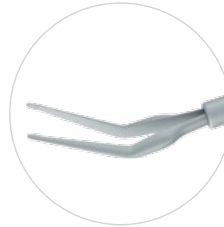


Diamonized Angled Gripping Forceps

12-303 20 Ga



De Juan Pick Forceps
 12-413 20 Ga



Subretinal Forceps

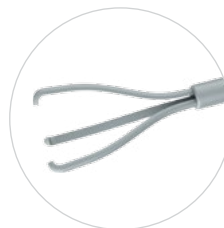
3 mm tips
 12-343 20 Ga

Foreign Body Removal Forceps



Avci Foreign Body Forceps

12-412 17 Ga



Spring Gripping Forceps

12-321 20 Ga
 12-321-23 23 Ga



Vitreoretinal Forceps
 With cup jaws
 12-313 20 Ga



Stolyarenko Forceps

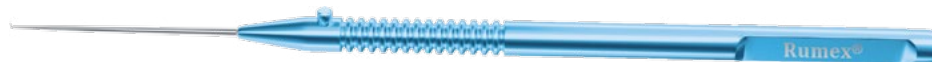
For large foreign bodies
 12-335 20 Ga

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

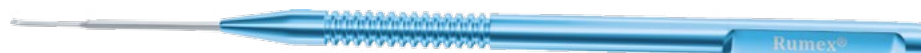
Delicate Membrane Pick

13-097-23 23 Ga
 13-0979 25 Ga
 13-097-27 27 Ga



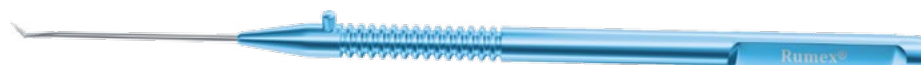
Membrane Scratcher

13-092 20 Ga



Ogura PVD Spatula

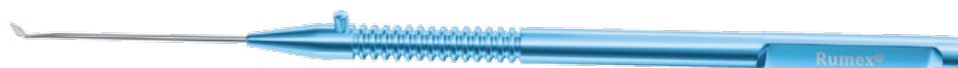
13-1081-23 23 Ga



BRVO Knife

Designed for performing a lateral CRVO incision

13-1091 20 Ga
 13-1091-23 23 Ga



23 Gauge*



Vertical Scissors

70 Degrees
Sharp tips

12-202-23 23 Ga



Pick Forceps

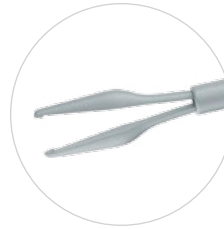
12-325-23 23 Ga



Curved Subretinal Scissors

Curvature radius 12 mm

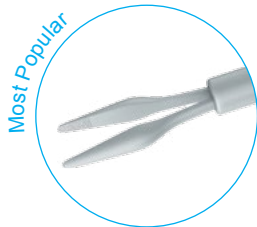
12-209-23 23 Ga



End Gripping Forceps

With extended gripping area at
the end of the tip

12-4012 23 Ga



Diamondized Gripping Forceps

12-301-23 23 Ga



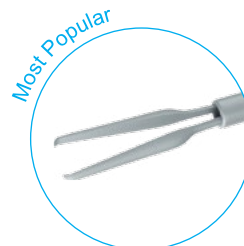
«Nail» End Gripping Forceps

12-402-23 23 Ga



«Crocodile» Gripping Forceps

12-304-23 23 Ga



Eckardt End Gripping Forceps

12-410-23 23 Ga

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

23 Gauge*



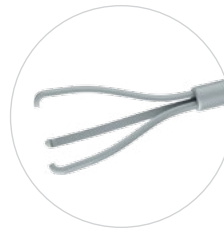
**Tano Asymmetrical
End Gripping Forceps**
12-411-23 23 Ga



End Grasping Forceps
Expanded Space between
Branches
12-4013 23 Ga
Enhanced vizualization!



End Grasping Forceps
12-420-23 23 Ga
Enhanced vizualization!



Spring Gripping Forceps
12-321-23 23 Ga



End Grasping Forceps
Elongated branches, 30 mm
Designed for myopic eyes
12-4202-23 23 Ga
Enhanced vizualization!

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

25 Gauge*



Enhanced visualization!



Vertical Scissors

45 Degrees
Sharp tips

12-2029 25 Ga



«Nail» End Gripping Forceps

12-4089 25 Ga



Curved Subretinal Scissors

Curvature radius 12 mm

12-2099 25 Ga



Eckardt End Gripping Forceps

12-410-25 25 Ga



Diamonized Gripping Forceps

12-3019 25 Ga



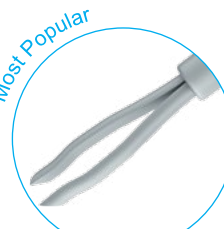
Tano Asymmetrical End Gripping Forceps

12-411-25 25 Ga



«Crocodile» Gripping Forceps

12-304-25 25 Ga



End Grasping Forceps

12-420-25 25 Ga

Enhanced visualization!



Pick Forceps

12-3259 25 Ga

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

27 Gauge*

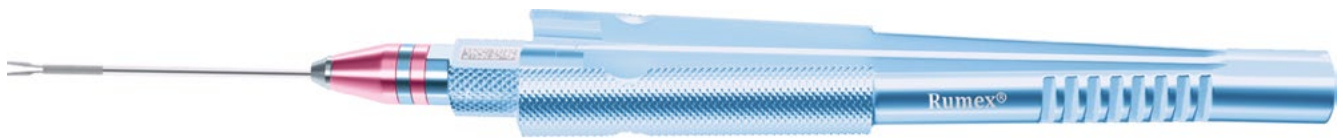


Eckardt End Gripping Forceps
12-410-27 27 Ga



End Grasping Forceps
12-420-27 27 Ga
Enhanced visualization!

Universal Handle + Interchangeable Tips (non-rotatable)*



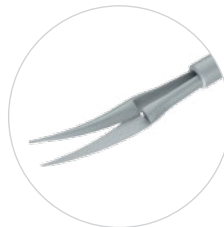
Eckardt End Gripping Forceps
J-410 20 Ga
J-410-23 23 Ga



Fine End Gripping Forceps
J-4089 25 Ga



Tano Asymmetrical End Gripping Forceps
J-411-23 23 Ga
J-411-25 25 Ga



Curved Subretinal Scissors
Curvature radius 12 mm
J-209-23 23 Ga
J-2099 25 Ga

* Handles are sold separately: 12-003T and 12-001T

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Reusable Two Step Trocar Systems

The best choice for the 23 Ga transconjunctival sutureless vitrectomy!

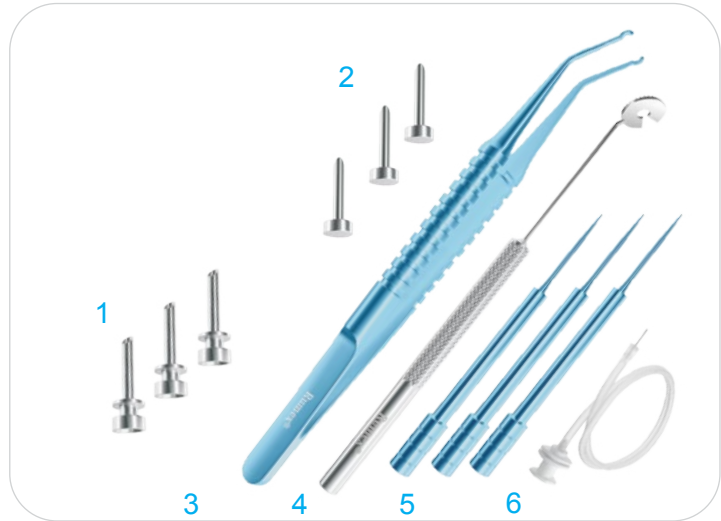
Two Step

Reusable Trocar System with closure plugs

Package includes:

1. Trocar Cannula – 3 pcs
2. Trocar Cannula Plug – 3 pcs
3. Loading Forceps – 1 pc
4. Fixation Plate – 1 pc
5. Blunt Cannula Inserter – 3 pcs
6. Universal Infusion Line – 1 pc
7. Sterilizing Tray - 1 pc (not shown)

12-5173 23 Ga



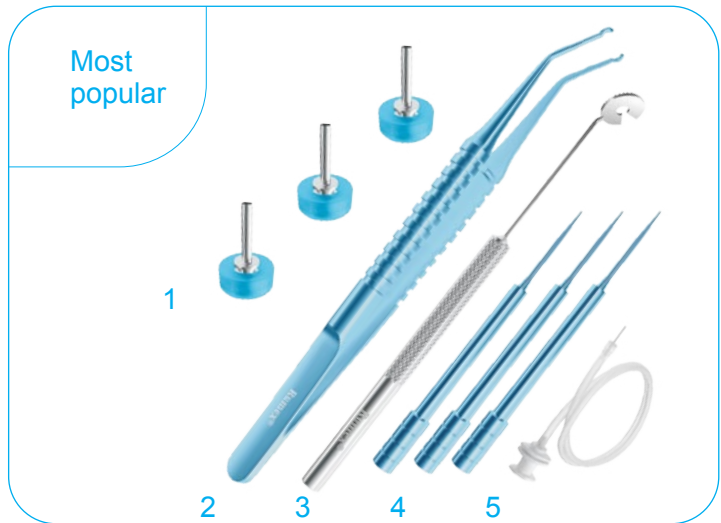
Two Step

Reusable Trocar System with closure valves

Package includes:

1. Trocar Cannula with closure valves – 3 pcs
2. Loading Forceps – 1 pc
3. Fixation Plate – 1 pc
4. Blunt Cannula Inserter – 3 pcs
5. Universal Infusion Line – 1 pc
6. Sterilizing Tray - 1 pc (not shown)

12-5173-1 23 Ga



Accessory

Loading Forceps ●

12-5186

Fixation Plate ●

12-5188

Instrument Cannula Inserter ●

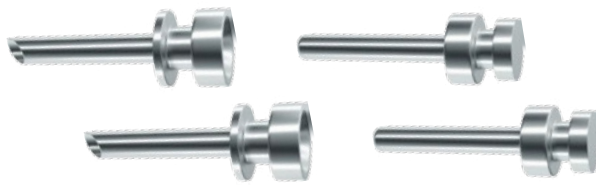
12-5187

Universal Infusion Line ●

Sterile
5 per box

12-5202

Can be ordered
separately



Instrument Cannula

Cannula Plug

Trocar Cannula Set

The set includes:
Instrument Cannula – 2 ea
Cannula Plugs – 2 ea
Sterile

- | | |
|---------|------------------------|
| 12-5189 | 23 Ga - 1 set per box |
| 12-5190 | 23 Ga - 5 sets per box |



Closure Valves

For Trocar Cannulas

The set includes:
Closure Valves – 4 ea
Sterile, 1 set per box

- | | |
|---------|-------|
| 12-5209 | 23 Ga |
|---------|-------|



Angled

MVR Blade

Sterile, 6 per box

- | | |
|---------|-------|
| 12-5184 | 23 Ga |
|---------|-------|



19 Ga

20 Ga

Gold plated for
easy identification

Scleral plugs

Ergonomically designed holder

Sterile, 5 holders per box

- | | |
|---------|----------------------------|
| 12-5085 | 19 Ga - 4 ea, 20 Ga - 4 ea |
| 12-5078 | 19 Ga - 2 ea, 20 Ga - 2 ea |



Scleral Plugs Forceps

Cross action mechanism reduces hand fatigue
1 forceps per package

- | | |
|----------|-------|
| 12-5086S | 20 Ga |
|----------|-------|

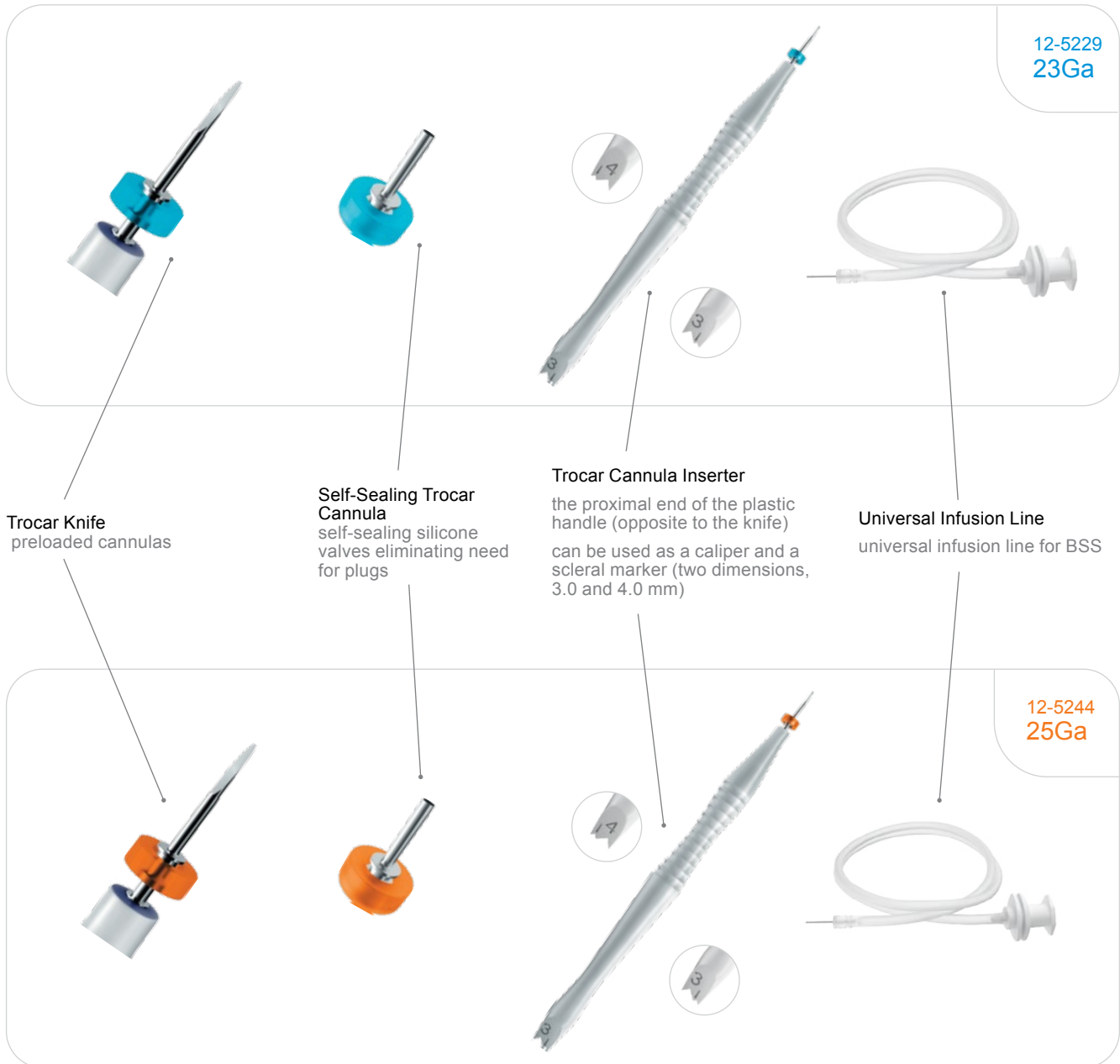
Disposable Trocar Systems New design!

One Step Trocar System

Each package includes:

1. Trocar knife with preloaded trocar cannula – 3 ea
2. Self-sealing trocar cannula (preloaded) – 3 ea
3. Infusion line (for BSS) – 1 ea

Sterile, 5 sets per box



Reusable / Anterior



12-5050

Alcon®: Legacy™, STTO™, STTM™, Universal™
 AMO®: Sovereign™, Signature™,
 AMO Plus™, Prestige™
 Staar Surgical®: Wave™
 Surgical Design®: Ocusystem™
 American Optisurgical®: Horizon™
 Nidek®: CV-12000™, CV-6000™, CV-7000™

800 CPM	20 PSI	20 Ga	With Irrigation Sleeve
---------	--------	-------	------------------------

12-5102

AMO®: Gemini™
 B&L®: Stellaris™, Millennium™, Premiere™, Prestige™
 Optikon®: Pulsar 2™, Assistant™
 Croma Pharma®/Corneal®: Open Phaco™
 Carl Zeiss Meditec®/IOL Tech®/Fritz Ruck®: Pentasys™
 Carl Zeiss®: Visalis 100™
 Medical Technical Products™
 Mediphacos™
 Nidek®: CV-24000™

800 CPM	25 PSI	20 Ga	Without Irrigation Sleeve
---------	--------	-------	---------------------------

12-5070

Alcon®: Legacy™, STTO™, STTM™, Universal™
 AMO®: Sovereign™, Signature™,
 AMO Plus™, Prestige™
 Staar Surgical®: Wave™
 Surgical Design®: Ocusystem™
 American Optisurgical®: Horizon™
 Nidek®: CV-12000™, CV-6000™, CV-7000™

800 CPM	20 PSI	20 Ga	Without Irrigation Sleeve
---------	--------	-------	---------------------------

12-5119

AMO®: Gemini™
 B&L®: Stellaris™, Millennium™, Premiere™, Protège™
 Optikon®: Pulsar 2™, Assistant™
 Croma Pharma®/Corneal®: Open Phaco™
 Carl Zeiss Meditec®/IOL Tech®/Fritz Ruck®: Pentasys™
 Carl Zeiss®: Visalis 100™
 Medical Technical Products®
 Mediphacos®
 Nidek®: CV-24000™

800 CPM	25 PSI	20 Ga	With Irrigation Sleeve
---------	--------	-------	------------------------

12-5143

Alcon®: Accurus™,
 Infiniti™ – Anterior Vitrectomy Pack
 DORC®: Harmony Total TTC™

800 CPM	25 PSI	20 Ga	Without Irrigation Sleeve Packaged with 21 Ga Irrigation Cannula
---------	--------	-------	--

Sterile
 One per package

® ™ All trademarks are property of their respective owners

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Reusable / Posterior



12-5026

Alcon®: STTO™, Ocutome 800/8000™
Nidek®: CV-12000™

800 CPM	20 PSI	20 Ga	Without Irrigation Sleeve
---------	--------	-------	---------------------------

12-5065

Alcon®: Accurus™
DORC®: Harmony Total TTC™

800 CPM	30 PSI	20 Ga	Without Irrigation Sleeve
---------	--------	-------	---------------------------

12-5100

AMO®: Gemini™
B&L®: Premiere™, Millennium™, Daisy™
Optikon®: Pulsar 2™, Assistant™
Carl Zeiss Meditec®/IOL Tech®: Pentasys™
Fritz Ruck®: Pentasys™
Croma Pharma®/Corneal®: Open Phaco™
Alcon®: Microtome™, MVS™, STTO Dx™
Nidek®: CV-24000™, VT-5000™
MID Labs®: MVS™, SupraVit™
Syntec®: VitMan™

800 CPM	25 PSI	20 Ga	Without Irrigation Sleeve
---------	--------	-------	---------------------------

Sterile

One per package

® ™ All trademarks are property of their respective owners

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Disposable / Anterior



12-5045

Alcon®: Legacy™, STTO™, STTM™, Universal™
 AMO®: Sovereign™, Signature™, AMO Plus™, Prestige™
 Staar Surgical®: Wave™
 Surgical Design®: Ocusystem™
 American Optisurgical®: Horizon™
 Nidek®: CV-12000™, CV-6000™, CV-7000™

800 CPM | 20 PSI | 20 Ga | With Irrigation Sleeve

12-5068

Alcon®: Legacy™, STTO™, STTM™, Universal™
 AMO®: Sovereign™, Signature™, AMO Plus®, Prestige™
 Staar Surgical®: Wave™
 Surgical Design®: Ocusystem™
 American Optisurgical®: Horizon™
 Nidek®: CV-12000™, CV-6000™, CV-7000™

800 CPM | 20 PSI | 20 Ga | Without Irrigation Sleeve

12-5101

AMO®: Gemini™
 B&L®: Stellaris™, Millennium™, Premiere™, Protégé™
 Optikon®: Pulsar 2™, Assistant™
 Croma Pharma®/Corneal®: Open Phaco™
 Carl Zeiss Meditec®/IOL Tech®/Fritz Ruck®: Pentasys™
 Carl Zeiss®: Visalis 100™
 Medical Technical Products™
 Mediphacos™
 Nidek®: CV-24000™

800 CPM | 25 PSI | 20 Ga | Without Irrigation Sleeve

12-5118

AMO®: Gemini™
 B&L®: Stellaris™, Millennium™, Premiere™, Protégé™
 Optikon®: Pulsar 2™, Assistant™
 Croma Pharma®/Corneal®: Open Phaco™
 Carl Zeiss Meditec®/IOL Tech®/Fritz Ruck®: Pentasys™
 Carl Zeiss®: Visalis 100™
 Medical Technical Products™
 Mediphacos™
 Nidek®: CV-24000™

800 CPM | 25 PSI | 20 Ga | With Irrigation Sleeve

12-5142

Alcon®: Accurus™, Infiniti™ – Anterior Vitrectomy Pack
 DORC®: Harmony Total TTC™
 Packaged with 21Ga Irrigation Cannula
 Nidek®: CV-24000™

800 CPM | 30 PSI | 20 Ga | Without Irrigation Sleeve

12-5208

Alcon®: Legacy™, STTO™, STTM™, Universal™
 AMO®: Sovereign™, Signature™, Prestige™, AMO Plus™, Staar Surgical®: Wave™
 Nidek®: CV-12000™, CV-6000™, CV-7000™

800 CPM | 30 PSI | 20 Ga | Without Irrigation Sleeve

Sterile
 One per package

®™ All trademarks are property of their respective owners

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Disposable / Posterior



12-5020

Alcon®: STTO™, Ocutome 800/8000™
Nidek®: CV-12000™

800 CPM | 20 PSI | 20 Ga | Without Irrigation Sleeve

12-5124

Alcon®: Accurus™
DORC®: Associate™

2500 CPM | 30 PSI | 20 Ga | Without Irrigation Sleeve

12-5064

Alcon®: Accurus™
DORC®: Harmony Total TTC™

800 CPM | 30 PSI | 20 Ga | Without Irrigation Sleeve

12-5168

Carl Zeiss Meditec®/IOL Tech®: Pentasys™ – 1500 cpm
Fritz Ruck®: Pentasys™ – 1500 cpm
Croma Pharma®/Corneal®: Open Phaco™ – 1500 cpm
Optikon®: Pulsar 2™, Assistant™ – 2000 cpm
AMO®: Gemini™ – 2000 cpm
Nidek®: CV-24000™ – 2500 cpm1500–2500
CPM | 25 PSI | 20 Ga | Without Irrigation Sleeve

12-5099

AMO®: Gemini™
B&L®: Premiere™, Millennium™, Daisy™
Optikon®: Pulsar 2™, Assistant™
Carl Zeiss Meditec®/IOL Tech®: Pentasys™
Fritz Ruck®: Pentasys™
Croma Pharma®/Corneal®: Open Phaco™
Alcon®: Microtome™, MVS™, STTO Dx™
Nidek®: CV-24000™, VT-5000™
MID Labs®: MVS™, SupraVit™
Syntec®: VitMan™

800 CPM | 25 PSI | 20 Ga | Without Irrigation Sleeve

12-5215

DORC®: Harmony Total TTC™

1500 CPM | 25 PSI | 20 Ga | Without Irrigation Sleeve

Sterile

One per package

® ™ All trademarks are property of their respective owners

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Disposable / Posterior



12-5140

B&L®: Millennium™, Premiere™ – 750 cpm
 DORC®: Harmony Total TTC™ – 1500 cpm
 12-5022 – Pressure Line Adapter required
 Carl Zeiss Meditec®/IOL Tech®: Pentasys™ – 1500 cpm
 Fritz Ruck®: Pentasys™ – 1500 cpm
 Croma Pharma®/Corneal®: Open Phaco™ – 1500 cpm
 Optikon®: Pulsar 2™, Assistant™ – 2000 cpm
 AMO®: Gemini™ – 2000 cpm
 Nidek®: CV-24000™ – 2500 cpm
 Nidek®: CV-12000™, VT-5000™ – 800 cpm

750–2500 CPM	25 PSI	25 Ga	Without Irrigation Sleeve
--------------	--------	-------	---------------------------

12-5022

Pressure Line Adapter
 Connects 12-5140 with DORC® Harmony Total TTC™
 5 per pack

12-5157

Alcon®: Accurus™
 DORC®: Associate™

2500 CPM	30 PSI	25 Ga	Without Irrigation Sleeve
----------	--------	-------	---------------------------

12-5171

B&L®: Millennium™, Premiere™ 750 cpm
 Carl Zeiss Meditec®/IOL Tech®: Pentasys™ – 1500cpm
 Fritz Ruck®: Pentasys™ – 1500 cpm
 Croma Pharma®/Corneal®: Open Phaco™ – 1500 cpm
 Optikon®: Pulsar 2™, Assistant™ – 2000 cpm
 Nidek®: CV-12000™, CV-6000™, CV-7000™ – 800 cpm
 Nidek®: CV-24000™ – 2500 cpm

750–2500 CPM	25 PSI	23 Ga	Without Irrigation Sleeve
--------------	--------	-------	---------------------------

12-5172

Alcon®: Accurus™
 DORC®: Associate™

2500 CPM	30 PSI	23 Ga	Without Irrigation Sleeve
----------	--------	-------	---------------------------

12-5216

DORC®: Harmony Total TTC™

1500 CPM	30 PSI	23 Ga	Without Irrigation Sleeve
----------	--------	-------	---------------------------

Sterile

One per package

®™ All trademarks are property of their respective owners

Irrigation Sleeves



Disposable Irrigation Sleeve

5 per package

12-5035



Reusable Irrigation Sleeve

1 per package

12-5034

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

BackFlush Handles

Titanium Backflush Handle

Passive Aspiration

Reusable

12-6010



Titanium Backflush Handle

Active Aspiration

Reusable

12-6000



Backflush Handle

Passive Aspiration

Sterile

5 per box

12-5197



Backflush Handle

Active Aspiration

Sterile

5 per box

12-5196



Replacement Reservoir for Backflush Handle

Passive

Sterile

10 per box

12-5147



Replacement Reservoir for Backflush Handle

Active

Sterile

10 per box

12-5159

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Cannulas For Backflush Instruments

Charles Flute Cannulas

Designed to aspirate blood and debris from the posterior segment. Smooth, finished tip provides atraumatic entry and reduces risk of trauma to surrounding tissue. Disposable, 5 per box

12-5151	20 Ga
12-5164	23 Ga
12-5156	25 Ga
12-5492	27 Ga



Brush Tip Cannulas

For atraumatic brushing of retina. Disposable, 5 per box

12-5017	20 Ga
12-5162	23 Ga
12-5160	25 Ga



Soft Tip Cannulas

Flexible tip allows atraumatic entry through retinal or macular tears or holes and enables aspiration of subretinal fluid. Disposable, 5 per box

12-5063	20 Ga
12-5161	23 Ga
12-5152	25 Ga
12-5491	27 Ga



Diamond Dusted Soft Tip Cannulas

Designed for better cohesion and gentle sweeping of the membrane. Disposable, 5 per box

12-5193	20 Ga
12-5192	23 Ga



Infusion Cannulas

Ultra thin wall cannula 0.90 mm (20Ga) with 45° beveled tip allows more fluid flow than a regular wall cannula. Flexible tubing is 25 cm long and attaches to an infusion source with luer lock fitting. Unique design facilitates injection of silicone oil and other viscous fluids.

Infusion Cannula

Disposable, 5 per box

12-5066	20Ga (0.90 mm), 2.5 mm
12-5010	20Ga (0.90 mm), 4.0 mm
12-5011	20Ga (0.90 mm), 6.0 mm

Reusable

12-024	20Ga (0.90 mm), 2.5 mm
12-025	20Ga (0.90 mm), 4.0 mm
12-026	20Ga (0.90 mm), 6.0 mm



Silicone Oil Infusion Cannula

Disposable, 5 per box

12-5012	20Ga, 4.0 mm tip
12-5013	20Ga, 6.0 mm tip

Self-Retaining Sutureless Cannulas

Sutureless fixation. Retaining ridge holds cannula in place.

Self-Retaining Infusion Cannula

Disposable, 5 per box

4.0 mm tip Stainless Steel Metal Hub

12-5116	20Ga (0.90 mm)
12-5144	23Ga (0.60 mm)

6.0 mm tip Stainless Steel Metal Hub

12-5219	20Ga (.90 mm)
12-5221	23Ga (.60 mm)



Self-Retaining Silicone Oil Infusion Cannula

Disposable, 5 per box

4.0 mm tip Stainless Steel Metal Hub

12-5117	20Ga
12-5165	23Ga

6.0 mm tip Stainless Steel Metal Hub

12-5220	20Ga
12-5222	23Ga

Dual Bore Cannulas

For simultaneous infusion and aspiration of liquids.



Dual Bore PFC Cannula

Simultaneous infusion of heavy liquids and aspiration of intraocular fluids
Dual bore enables to control constant intraocular pressure during injection
Disposable, 5 per box

12-5191 20Ga (0.90 mm)
12-5203 23Ga (0.60 mm)

Dual Bore BSS Injection Needle

Enables to control subretinal injection of BSS
Dual bore cannula combined with aspiration capability
Disposable, 1 per box

12-5194 20Ga / 41Ga (0.10 mm) tip

Illuminated Infusion Cannula

For simultaneous infusion of liquids and illumination.



Chandelier Cannula with illumination

Ocutome® connector

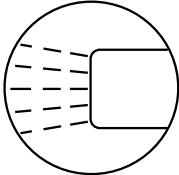
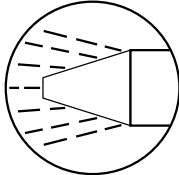
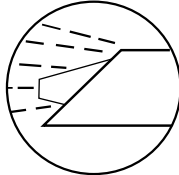
12-5037 20Ga

Illuminated Infusion Cannula

12-5038 18Ga, Ocutome® connector
12-5096 18Ga, Alcon® connector
12-5128 18Ga, B&L® connector

Fiber Optic Probes



Surgical System	Type of Illumination	Fiber Optic Probes	Wide Angle Fiber Optic Probe	Shielded Fiber Optic Probe (Wide Angle Illumination with central focal point)
				
Alcon®		12-5072 20 Ga	12-5073 20 Ga	–
Accurus™		12-5177 23 Ga	12-5178 23 Ga	–
		12-5135 25 Ga		
B&L®		12-5076 20 Ga	12-5077 20 Ga	–
		12-5179 23 Ga	12-5180 23 Ga	
		12-5138 25 Ga		
Ocutome®		12-5014 20 Ga	12-5019 20 Ga	12-5079 20 Ga
		12-5163 23 Ga	12-5169 23 Ga	12-5210 23 Ga
		12-5126 25 Ga		

5 per box

Fiber Optic Adapter

For Ocutome™ 5 mm connector to Alcon® Accurus™
1 per box

12-5023

Fiber Optic Adapter

For Ocutome™ 5 mm connector to Grieshaber®, Trek®
1 per box

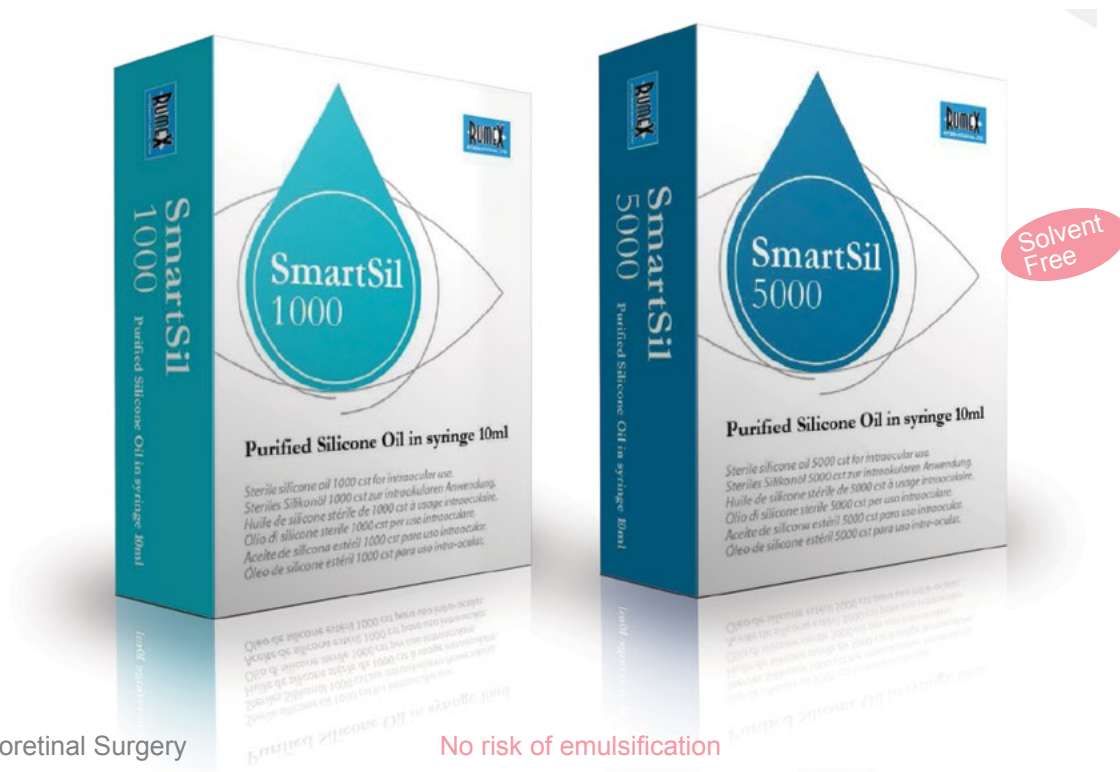
12-5025

Fiber Optic Adapter

For Ocutome™ 5 mm connector to B&L® systems
1 per box

12-5024

Ultra Purified Silicone Oil



- Maximum interfacial tension and minimum interactions between tissues, cells and endo-tamponades media
- Optimal combination of specific gravity, refractive index and surface tension
- Different viscosity indexes enable easy injection (1000 cSt) and stable temporary tamponade (5000 cSt)

SmartSil 1000 1000 cSt
SmartSil 5000 5000 cSt

Physicochemical properties:

Interfacial tension at 37°C	43,2 mNm ⁻¹
Density	0,97 g/cm ³
Viscosity	1000 cSt / 5000 cSt
Refractive index	1,404
Volatility	0,06%
Polydispersity	2,33
Elements potentially toxic	< 3 ppm
Low molecular weights	D4–D9: < 24 ppm D10–D20: 4 ≤ ppm

Tubings for syringes are available upon request



Not available in the US

Silicone Oil Infusion Systems

Reusable Tubing System for the Infusion of Silicone Oil



Caprolon Adapter adjustable
to:

Ioltech® Pentasys™
Optikon® Antares™
Alcon® STTO™
Storz® Premiere™
DORC® Harmony Budget™

12-RTUB-1

DORC® Associate™
Alcon® Constellation™,
Accurus™

12-RTUB-2

Caprolon Adapter adjustable
to:

Oerliti® Orbit™, Faros™, Os3™

12-RTUB-4



Viscous Fluid Injection Cannula

10 mm polyimide tip
Allowing injection of viscous fluids such as
silicone oil through 23Ga trocar cannula
Disposable, 5 per box

12-5248

23Ga

Cannulas

Index

CANNULAS REUSABLE

Cataract Cannulas

Oculoplastic Cannulas

Refractive Surgery
Cannulas

Corneal Cannulas

Glaucoma Cannulas

CANNULAS DISPOSABLE

Cannulas Gauge Chart

Anesthesia Cannulas

Cataract Cannulas

Oculoplastic Cannulas

Refractive Cannulas

Vitreoretinal Cannulas

View all our
sets products at
www.rumex.net



Irrigating Cannulas

Irrigating Cannula

Straight Blunt Tip, Polished

For atraumatic brushing of retina

15-049-20	20Ga x 25mm
15-049-23	23Ga x 25mm
15-049-25	25Ga x 25mm
15-049-30	30Ga x 25mm



Anterior Chamber Cannulas

Rycroft

Anterior Chamber Cannula

4 mm bend length
Angled 45°

15-051-23	23Ga x 22mm
15-051-25	25Ga x 22mm
15-051-27	27Ga x 22mm
15-051-30	30Ga x 22mm



Rycroft

Anterior Chamber Cannula

6 mm bend length
Angled 45°

15-052-23	23Ga x 22mm
15-052-27	27Ga x 22mm



Rycroft

Anterior Chamber Cannula

8 mm bend length
Angled 45°

15-053-23	23Ga x 22mm
15-053-27	27Ga x 22mm



Bishop Harmon

Anterior Chamber Cannula

8 mm from end
Angled 40°, spatulated

15-055-19	19Ga x 25mm
-----------	-------------



Bracken

Anterior Chamber Cannula

Curved 90°, Flattened bevel tip

15-057	19Ga x 23mm
--------	-------------



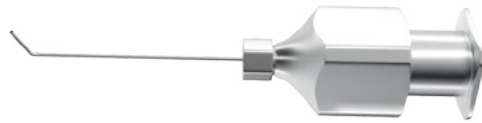
Anterior Chamber Cannulas

**McIntyre**

Anterior Chamber Maintainer

Angled, smooth blunt tip, front opening

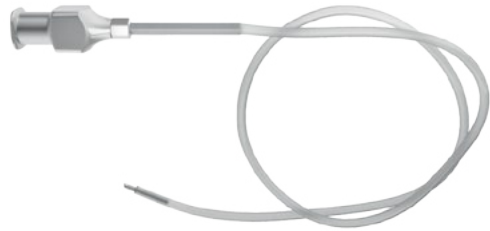
15-061-23	23Ga
15-061-25	25Ga
15-061-26	26Ga
15-061-27	27Ga
15-061-30	30Ga

**Knolle**

Anterior Chamber Cannula

2mm angled tip

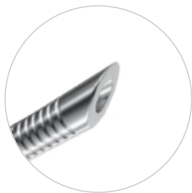
15-063-23	23Ga x 19mm
15-063-30	30Ga x 19mm

**Lewicky**

Anterior Chamber Maintainer

Silicone tubing attached
Unique annular rings for self retaining

15-065	20Ga x 3.50 mm
--------	----------------

**Girard**

Anterior Chamber Maintainer

With Atkinson point,
20cms silicone tubing

15-067	23Ga x 5.0 mm
--------	---------------

**Viscoelastic Flow Cannula**Formed, dome shaped provides safe inser-
tion. For easier injection of viscoelastic to
all meridians

15-1056	27Ga x 24 mm
---------	--------------

**Jaymce**

Anterior Chamber maintainer

Bulbus Tip allows easy insertion and mini-
mum tissue disturbance

15-1067	20Ga x 4 mm from tip
---------	----------------------

Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Cannulas for Anesthesia

Atkinson

Retrobulbar Needle

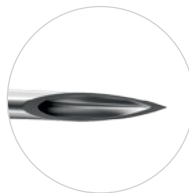
15-001-23 23Ga x 38mm
15-001-27 27Ga x 38mm



Retrobulbar Needle

Sharp Point

15-003-23 23Ga x 38mm
15-003-25 25Ga x 38mm



Retrobulbar Needle

Sharp Point

15-003-25B 25Ga x 50mm



Atkinson

Peribulbar Needle

15-005-25 25Ga x 22mm
15-005-27 27Ga x 22mm

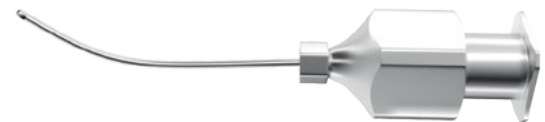


Sub-Tenon's

Anesthesia Cannula (Para)

Curved, Flattened Tip
0.3 mm sideports

15-009 19Ga x 25mm



Sub-Tenon's

Anesthesia Cannula

Curved, 3 ports

15-011C-19 19Ga x 25mm



**Sub-Tenon's**

Anesthesia Cannula

Curved, Flattened Tip
Front Opening**15-013-19****19Ga x 25mm****Kelman**

Sharp Irrigating Cystotome

Curved sharp cutting edge

15-025

25Ga x 32mm

Lens Removal / Nucleus Removal Cannulas**Knolle-Pearse**

Irrigating Vectis

3 irrigating ports at 12, 10 and 2 O'clock
Loop 5 mm wide, 9 mm long

15-183

23Ga

**Drews**

Irrigating Vectis

Posterior capsule polisher lightly angled,
Sand blasted base irrigating port facing
inside circle 25Ga

15-184

25Ga

**Anis**

Irrigating Vectis

Two front opening ports,
heart shaped loop

15-189

23Ga

**Simcoe**

Nucleus Delivery Cannula

With serrations

15-201L

23Ga, Left (shown)

15-201R

23Ga, Right

McIntyre

Nucleus delivery cannula

Spoon 4.0 mm

Used with trisector to take out bigger fragments

15-197-4 23Ga

**Sheets**

Irrigating Vectis

3 irrigating ports

Serrations on top

Loop 6.5 mm wide X 19 mm long

15-203 21Ga x 38mm

**Capsule Polishers****Flexible Tip Polisher**

12 mm sleeve length

Angled 45°, bend 9 mm

15-100-23 23Ga x 22mm

15-100-27 27Ga x 22mm

**Engels**

Flexible Tip Polisher

23 mm sleeve length, Curved

15-101-27 27Ga x 22mm

**Jensen**

Capsule Polisher

Gently Curved, Olive tip

All around sand blasted

15-159-25 25Ga x 28mm

15-159-27 27Ga x 28mm

**Kratz**

Capsule Polisher

0.3 mm top port

Angled, blasted 3 mm from end

15-169-21 21Ga x 22mm

15-169-23 23Ga x 22mm





Microincisional

Capsule Polisher Cannula

- Disc-shaped Tip
- Curved tube for better visualization
- Tungsten carbide coated tip for delicate and efficient capsule polishing
- Specially designed for scrubbing all parts of the capsular bag
- Obtains performing a procedure through a sub – 2-mm incision

15-170 23Ga x 25mm

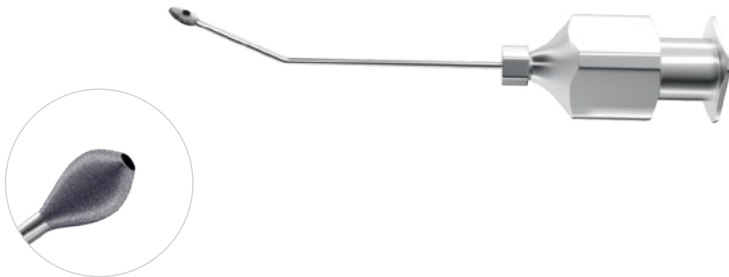


Graether

Collar Button

Micro Iris retractor sand blasted posterior surface for capsule polishing side irrigation

15-171S 23Ga x 25mm, Straight
 15-172 23Ga x 25mm, Angled
 (shown)



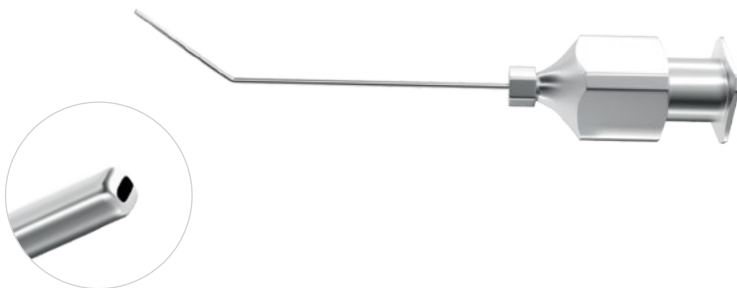
Pearce

Capsule Polisher

Olive Tip, 0.3 mm top port micro sand blasted

15-1157-23 25Ga x 25mm

Hydrodissection / Hydrodelineation Cannulas



Rainin

Nucleus Hydrodissector

Spatulated on horizontal plane Angled 45°, bend 7mm

15-069-30 30Ga x 22mm
 15-070 27Ga x 22mm



McIntyre

Nucleus Hydrodissector

Spatulated Flattened on horizontal plane Angled 45°, bend 11mm

15-071-23 23Ga x 22mm
 15-071-25 25Ga x 22mm
 15-071-27 27Ga x 22mm
 15-071-30 30Ga x 22mm

Pearce

J-Shaped Micro Hydrodissector

Hook 1.75mm wide x 2.25mm long.

15-073-23	23Ga x 22mm
15-073-25	25Ga x 22mm
15-073-30	30Ga x 22mm

**Chang**

Nucleus Hydrodissector

Angled 90°, flat tip with a beveled opening
 Flat tip for easy insertion under the capsular rim, provide broad stream of fluid
 Beveled tip used to rotate the nucleus to ensure that it is completely separated.

15-0681	27Ga x 16mm
---------	-------------

**Pearce**

J-Shaped Micro Hydrodissector

Hook 2.00mm x 2.50mm.

15-1073-23	23Ga x 22mm
15-1073-25	25Ga x 22mm
15-1073-27	27Ga x 22mm
15-1073-30	30Ga x 22mm

**Feaster**

Nucleus Hydrodiliner

Two irrigating ports for fluid distribution in both the planes
 Closed wedge shaped tip allows easy penetration between nucleus&epinucleous

15-1077	25Ga x 22mm
---------	-------------

**Blumenthal**

Tapered Hydrodiliner

Tapered tip allows more flow of fluid through a smaller tip.
 Easy insertion under capsule for hydrodissection or into nucleus for hydrodelineation.

15-1078	25Ga x 22mm
---------	-------------



Cortex Aspiration Cannulas



McIntyre-Binkhorst

Blunt tip, front opening

15-079R 26Ga x 22mm, Right
15-079L 26Ga x 22mm, Left



Gills

Aspirating Cannula

15-085-5 25Ga, Angled to tip 5mm
15-085-6 25Ga, Angled to tip 6mm
15-085-8 25Ga, Angled to tip 8mm
15-085-10 25Ga, Angled to tip 10mm



Healon

Aspirating Cannula

Angled 10mm from tip

15-087-19 19Ga x 32mm
15-087-21 21Ga x 32mm
15-087-22 22Ga x 32mm

Smooth Closed Tip with top aspirating port into curve



Simcoe

Cortex Extractor Cannula

15-091-13/23 23Ga x 13mm
15-091-21/21 21Ga x 21mm
15-091-21/23 23Ga x 21mm



Simcoe-Welsh

Cortex Extractor Cannula

Angled 10mm from tip
0.3 mm aspirating port

15-093-21 21Ga



Welsh

Cortex Extractor Cannula

Flat olive tip

15-095L 25Ga x 25mm, Left (shown)
15-095R 25Ga x 25mm, Right
15-095S 25Ga x 25mm, Straight
15-095Set Set of three cannulas

Troutman

Alpha-Chrymostrypsin Aspirating Cannula

Smooth bulbous tip

15-097 25Ga x 26mm

**U-Shaped**

Aspirating Cannula

Hooked 1.50 mm X 1.75 mm

15-099-21 21Ga x 22 mm

15-099-23 23Ga x 22 mm

15-099-25 25Ga x 22 mm

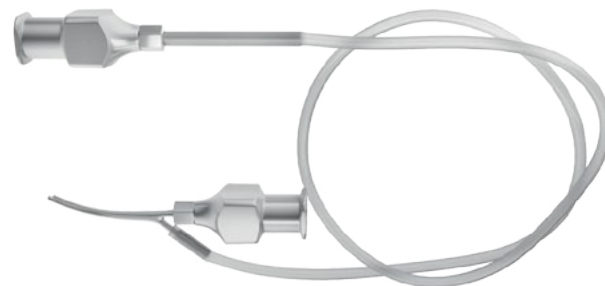
15-099-27 27Ga x 22 mm

**Irrigating / Aspirating Cannulas****Gills**

I/A Cannula with Silicone Tubing

Side By Side Front Opening

15-119 23/23Ga

**Gills-Welsh**

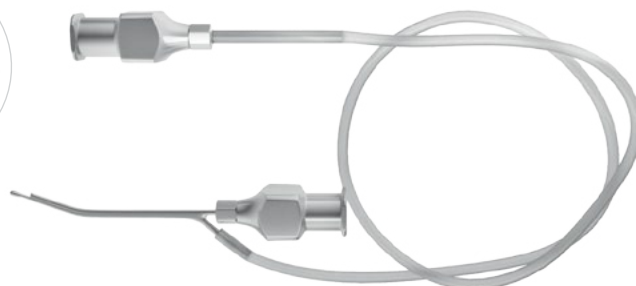
I/A Cannula with Silicone Tubing

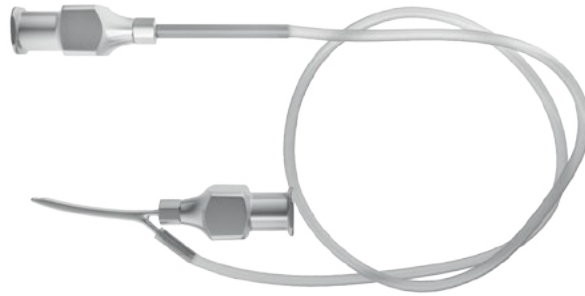
Flat olive tip

15-121L 25/23Ga, Left (shown)

15-121R 25/23Ga, Right

15-121S 25/23Ga, Straight



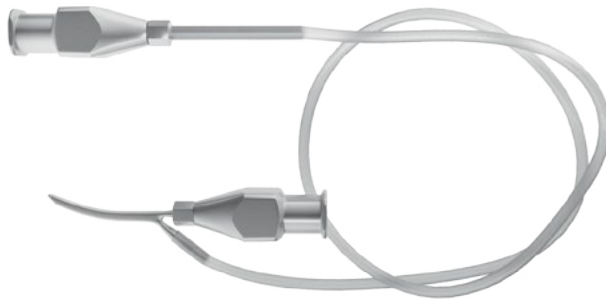


Simcoe

I/A Cannula with Silicone Tubing
Regular
0.3 / 0.4 mm Port

15-129-0.3
15-129-0.4

23/23Ga
23/22Ga



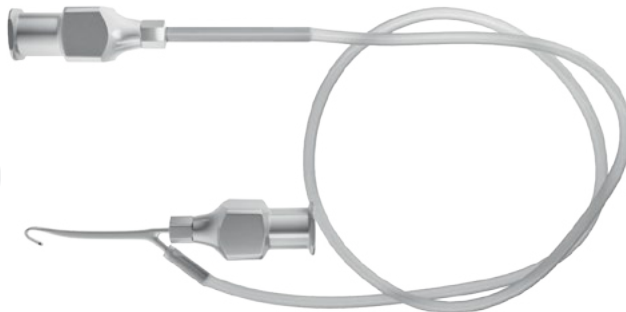
Simcoe

I/A Cannula with Silicone Tubing
Reverse
Aspiration through hub 0.3 / 0.4 mm Port
Irrigation through tubing

15-133-0.3
15-133-0.4

23/23Ga
23/22Ga

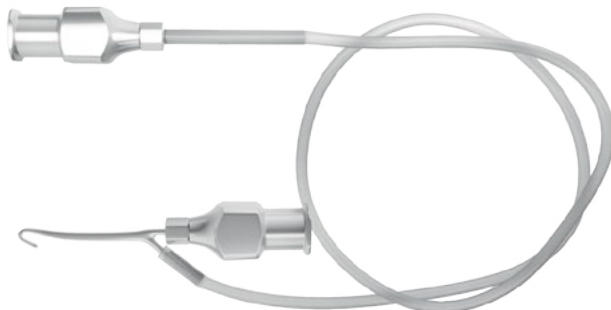
“J” shape facilitates removal of cortex at 12 O'clock position



J Shaped

I/A Cannula with Silicone Tubing
Regular
0.3 mm top port

15-1149L 23/23Ga, Left (shown)
15-1149R 23/23Ga, Right



J Shaped

I/A Cannula with Silicone Tubing
Reverse
0.3 mm top port

15-1150R 23/23Ga, Right

Lacrimal Cannulas

Reinforced

Lacrimal Cannula

Malleable

20Ga Shaft having reinforced 12 mm

15-027

23Ga x 32mm, Straight

15-029

23Ga x 32mm, Curved (shown)



Bailey

Lacrimal Cannula

Exposed tip, straight

For Infants short 20Ga straight shaft having 7 mm



15-031

23Ga x 15mm

Shahinian

Lacrimal Cannula

Smooth bullet shape end

15-032

25Ga x 35mm



Fasanella

Lacrimal Cannula

Gently curved

15-033

23Ga x 42mm



Anel

Lacrimal Cannula

Curved, special long mount blunt tip

15-035-23C

23Ga

15-035-25C

25Ga



Anel

Lacrimal Cannula

Straight, special long mount blunt tip

15-035-23S

23Ga

15-035-25S

25Ga



West

Lacrimal Cannula

Gently curved,
0.3 mm bottom port, blunt tip

15-037

23Ga x 30mm



LASIK Cannulas

**Vidaurri**

LASIK Double Cannula

8 irrigating ports
 Universal cannula simultaneously irrigates both sides of flap.
 Washes at Stromal bed and enables flap positioning

15-371-25 25Ga /16Ga x 12mm shaft

**Banaji**

LASIK Irrigation Cannula

4 Ports 0.25 mm on periphery
 Curved

15-373-25
15-373-2725Ga
27Ga**Slade**

LASIK Cannula

Flattened spatulated tip, end opening

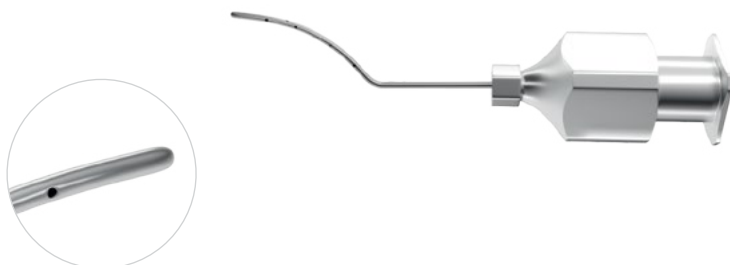
15-376 26Ga

**Buratto**

LASIK Irrigation Cannula

45° angled triport

15-379-25 25Ga

**Gimbel**

LASIK Fountain Cannula

Single port

15-378R 25Ga x 25.4mm, Right
15-378L 25Ga x 25.4mm, Left

DALK Cannulas

Cannula for DALK procedure

LASIK Double Cannula

Bottom port 0.2mm
Designed for air injection in order to
achieve an ideal "Big Bubble"

15-450-27 27Ga



Glaucoma Cannulas

Viscocanalostomy Cannula

5 mm beveled tip, slightly angled Micro-
Gauge cannula for viscoelastic injection dur-
ing Glaucoma Surgery

15-1051-30 30Ga



Glaucoma Revision Pick

Angled 60°, bend length 7 mm

15-1052 27Ga x 16mm



Glaucoma Valte Introducer Needle

Tapered tip for easy insertion
Valve tube can be slide on 26Ga needle for
introduction

15-1053 26Ga/23Ga

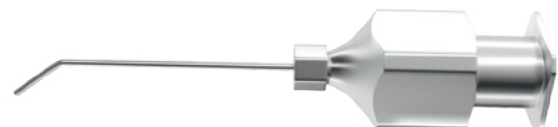


Mendez

Anterior Chamber Cannula

Angled 45°, 3 mm bend to tip
Round tip to reform the anterior chamber
during Glaucoma Procedures

15-1054 27Ga x 10mm





Silicone Bulb With Adapter
15-301/303



Titanium Microsurgical Handle
Male-Male
15-307T



Titanium Microsurgical Handle
Male-Female
15-308T

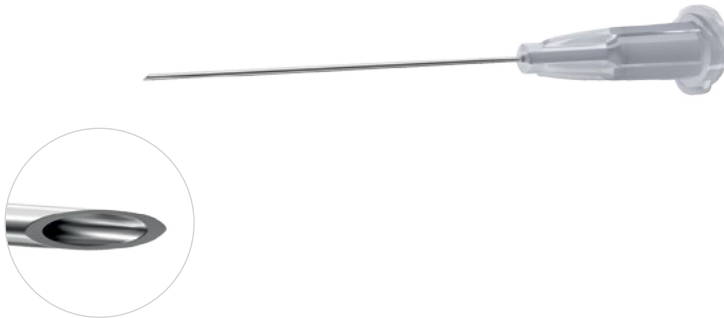
Gauge Conversation Chart

Gauge	Inner Diameter		Outer Diameter		Colour
	In	mm	in	mm	
19Ga	.028	.70	.043	1.10	Cream* 
20Ga	.024	.60	.036	.90	Yellow 
21Ga	.020	.51	.032	.80	Green 
22Ga	.016	.41	.028	.70	Black 
23Ga	.013	.33	.025	.60	Blue 
24Ga	.012	.30	.022	.55	Purple 
25Ga	.010	.25	.020	.50	Orange 
26Ga	.010	.25	.018	.45	Brown 
27Ga	.008	.20	.016	.40	Grey 
30Ga	.006	.15	.012	.30	Natural 

*Not an ISO colour code

Retrobulbar / Peribulbar Needles

May be used to perform peribulbar or retrobulbar administrations.



Atkinson

Anesthesia Needle

21-R1023	23Ga x 5/4 in (.60X32 mm)
21-R1025	25Ga x 5/4 in (.50X32 mm)
21-R1027	27Ga x 5/4 in (.40X32 mm)

Retrobulbar Needles

For injecting anesthetic agents into the muscle cone.



Atkinson

Retrobulbar Needle

21-R1123	23Ga x 3/2 in (.60X38 mm)
21-R1125	25Ga x 3/2 in (.50X38 mm)



Retrobulbar Needle

Sharp

21-R1225	25Ga x 3/2 in (.50X38 mm)
----------	---------------------------

Sub-Tenon`s Anesthesia Cannulas

For administering anesthetic agents into the posterior Sub-Tenon`s space. Curved, flattened tip.



Sub-Tenon`s

Anesthesia Cannula

21-R1319	19Ga x 1 in (1.10X25 mm)
21-R1320	20Ga x 1 in (0.90X25 mm)

Peribulbar Needles

For injecting anesthetic agents around the globe (periocular).

Atkinson

Peribulbar Needle

21-R1427 27Ga X 7/8 in (.40X22 mm)



Anterior Chamber Cannulas

For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Angled 32°

Rycroft

Anterior Chamber Cannula

4mm from the end

21-R2023 23Ga X 7/8 in (.60X22 mm)
 21-R2025 25Ga X 7/8 in (.50X22 mm)
 21-R2027 27Ga X 7/8 in (.40X22 mm)
 21-R2030 30Ga X 7/8 in (.30X22 mm)



6mm from the end

21-R2027-6 27Ga X 7/8 in (.40X22 mm)



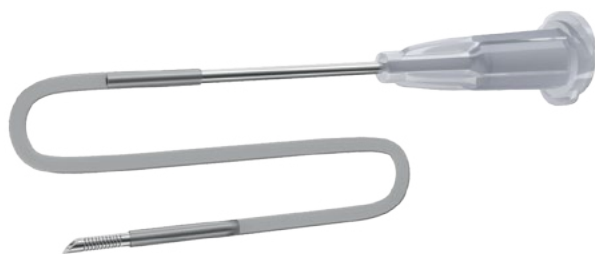
8mm from the end

21-R2027-8 27Ga X 7/8 in (.40X22 mm)



Anterior Chamber Maintainer

For maintaining the anterior chamber form.



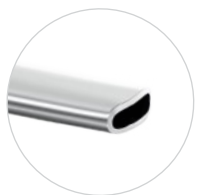
Lewicky

Anterior Chamber Maintainer

4 mm serrated tip
6 in (15 cm) silicone tubing
ID - .75 mm (0.030 in)
OD - 1.65 mm (0.065 in)

21-R2520 20Ga x 7/8 in (0.90X22 mm)

Irrigating Cannula



Bishop Harmon

Cannula

8mm, 37° angled
Smooth oval shaped tip

21-R2619 19Ga x 1 in (1.10X25 mm)

Short Curve Irrigating Cystotomes

For capsulotomy on deep-set eyes or small pupils.

Irrigating Cystotome

Small radius

21-R3225	25Ga x 5/8 in (.50X16 mm)
21-R3227	27Ga x 5/8 in (.40X16 mm)
21-R3330	30Ga x 5/8 in (.30X16 mm)



Capsulorrhexis Cystotome

Special tip allows control of flap during continues curvilinear capsulotomies (CCC). Tip has cutting edge from front to back for push or pull cutting. Tip is 90°, then rotated 90°.

Capsulorrhexis Cystotome

FORMED

21-R3325	25Ga x 5/8 in (.50X16 mm)
21-R3327	27Ga x 5/8 in (.40X16 mm)



Capsulorrhexis Cystotome

STRAIGHT

21-R3627	27Ga x 5/8 in (.40X16 mm)
21-R3630	30Ga x 5/8 in (.30X16 mm)



Formed Cystotomes



Pearce

Irrigating Cystotome

21-R3023	23Ga x 5/8 in (.60X16 mm)
21-R3025	25Ga x 5/8 in (.50X16 mm)
21-R3027	27Ga x 5/8 in (.40X16 mm)
21-R3030	30Ga x 5/8 in (.30X16 mm)



Side Cutting Cystotome

21-R3725	25Ga x 5/8 in (.50X16 mm)
----------	---------------------------



Irrigating Cystotome

45° tip

21-R3925	25Ga x 5/8 in (.50X16 mm)
----------	---------------------------

Angled Cystotomes



Angled Cystotome

21-R3427	27Ga x 5/8 in (.40X16 mm)
----------	---------------------------

Straight Cystotomes



Irrigating Cystotome

21-R3523	23Ga x 5/8 in (.60X16 mm)
21-R3525	25Ga x 5/8 in (.50X16 mm)
21-R3527	27Ga x 5/8 in (.40X16 mm)
21-R3530	30Ga x 5/8 in (.30X16 mm)

Endocapsular Cystotome

Curve facilitates intercapsular / endocapsular techniques.

Joyce

Endocapsular Cystotome

21-R3825 25Ga x 5/8 in (.50X16 mm)
21-R3827 27Ga x 5/8 in (.40X16 mm)



Reverse Tip Cystotomes

Tip is bent towards port for downward irrigation. Tip angled 90° towards bevel.

Irrigating Cystotome

21-R3125 25Ga x 5/8 in (.50X16 mm)



A range of cannulas with tips designed to deliver fluids to facilitate the separation of the cortex from the nucleus and capsule.

Round End Cannulas

Cannula tip is specially rounded, extra smooth for safe insertion through wound and manipulation in the anterior chamber. Angled 32°.



Hydrodissector

10 mm from the end

21-R4427 27Ga x 7/8 in (.40X22 mm)

12 mm from the end

21-R4430 30Ga x 7/8 in (.30X22 mm)

Angled Cannulas

Angled flattened tip provides a broad stream of fluid. The point of the beveled tip is used to engage and rotate the nucleus to ensure complete separation.



Chang

Hydrodissector

Angled 90°, 1 mm bend

21-R4725 25Ga x 7/8 in (.50X22 mm)

21-R4727 27Ga x 7/8 in (.40X22 mm)

21-R4730 30Ga x 7/8 in (.30X22 mm)



Akahoshi

Hydrodissector

Angled 45°, 1.5 mm bend

21-R4827 27Ga x 7/8 in (.40X22 mm)



Flat End Cannulas

For separating the nucleus from the capsule and cortical attachments.

Also for separating and softening layers of nucleus prior to phacoemulsification. Flattened tip.

Pearce

Hydrodissector

Angled 32°, Smooth oval shaped tip
8 mm from the end

21-R4025 25Ga x 7/8 in (.50X22 mm)



Hydrodissector

Angled 32°, Smooth oval shaped tip
10 mm from the end

21-R4027 27Ga x 7/8 in (.40X22 mm)
21-R4030 30Ga x 7/8 in (.30X22 mm)



Daya

Hydrodissector

Formed 11 mm

21-R4125 25Ga x 7/8 in (.50X22 mm)



Hydrodissector

Flattened Horizontal
Tip flattened horizontally 4 mm from the end

21-R4127 27Ga x 7/8 in (.40X22 mm)



Kellan

Hydrodissector

Flattened Vertical
Curved

21-R4227 27Ga x 7/8 in (.40X22 mm)



J Hydrodissector

Flattened hook
1.5 mm long x 2.0 / 1.75 mm wide
Smooth oval shaped tip

21-R4325 25Ga x 7/8 in (0.50X22 mm)
21-R4327 27Ga x 7/8 in (0.40X22 mm)



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Single Bevel End Cannula

Shortened, single bevel tip easily penetrates the nucleus for manual sculpting to improve lamellar separation prior to phacoemulsification. Flattened end provides smooth insertion under anterior capsule for hydrodissection.



P.Koch

Hydrodissector

Curved, Flattened

21-R4525 25Ga x 7/8 in (.50X22 mm)

Viscoelastic Cannulas

For injecting viscoelastic to all meridians of the anterior chamber and to coat intraocular lens. This range of cannula has smooth rounded tips for the safe introduction of viscoelastic.



Viscoelastic Cannula

9 mm from the end
Angled 32°

21-R2225 25Ga x 7/8 in (.50X22 mm)
21-R2227 27Ga x 7/8 in (.40X22 mm)



Viscoelastic Cannula

10 mm from the end
Angled 32°

21-R2323 23Ga x 7/8 in (.60X22 mm)
21-R2327 27Ga x 7/8 in (.40X22 mm)



Viscoelastic Cannula

11 mm from the end
Formed

21-R2427 27Ga x 7/8 in (.40X22 mm)

Hydroexpression Cannulas

Curve allows placement of cannulas under nucleus for expression. Angled tip is useful to hook and remove nucleus. Designed to express the nucleus with balanced salt solution or viscoelastic through a capsulorrhexis.



Corydon

Hydroexpression Cannula

21-R4625 25Ga x 7/8 in (.50X22 mm)
21-R4627 27Ga x 7/8 in (.40X22 mm)

Cortex Extractors

For aspirating when chamber is maintained with a viscoelastic, anterior chamber maintainer or other independent source.

Simcoe

Cortex Extractor

0.3 mm top port

21-R5023 23Ga x 7/8 in (.60X22 mm)
21-R5016 23Ga (.60 mm) x 13mm



Charleux

Cortex Extractor

21-R5323 23Ga x 1/2 in (0.60X12.5 mm)



J Shape Cannulas

For retracting iris and aspirating residual sub-incisional cortex

J Cannula

Hook 2 mm long X 2 mm wide

21-R5223 23Ga x 7/8 in (.60X22 mm)



Hook 1.5 mm long X 1.5 mm wide

21-R5227 27Ga x 7/8 in (.40X22 mm)

J Cannula

Hook 2 mm long X 2 mm wide

Angled 45°, 10 mm from the end

21-R5425 25Ga x 7/8 in (.50X22 mm)



Binkhorst

J Cortex Extractor Angled

Angled 18°, 12 mm from the end

Hook 1.5 mm long X 1.75 mm wide

21-R5425R 25Ga x 7/8 in (.50X22 mm)
Right

Hook 1.5 mm long X 1.5 mm wide

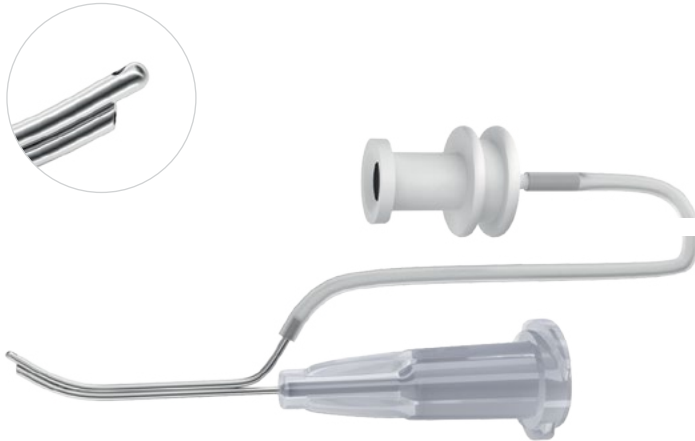
21-R5425L 25Ga x 7/8 in (.50X22 mm)
Left



Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Simcoe / Irrigating & Aspirating Cannulas

For removing cortical debris or viscoelastic substances while maintaining the anterior chamber during extracapsular and intercapsular/endocapsular cataract procedures.



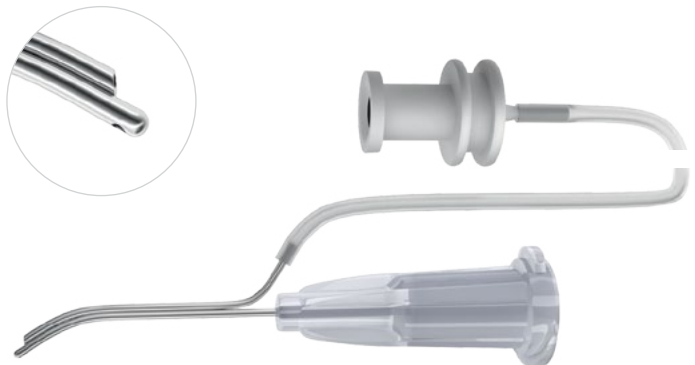
REGULAR

Simcoe

I/A Cannula

0.3 / 0.4 / 0.5 mm top port
Curved, 6 in (15 cm) silicone tubing
ID - .75 mm (0.030 in)
OD - 1.65 mm (0.065 in)

21-R5623	23Ga/23Ga x 5/8 in (.60X16 mm)
21-R5623-0.4	23Ga/23Ga x 5/8 in (.60X16 mm)
21-R5623-0.5	21Ga/21Ga x 5/8 in (.80X16 mm)



REVERSE

Simcoe

I/A Cannula

0.3 / 0.4 mm top port
Curved, 6 in (15 cm) silicone tubing
ID - .75 mm(0.030 in)
OD - 1.65 mm (0.065 in)

21-R5623-0.3R	23Ga/23Ga x 5/8 in (.60X16 mm)
21-R5623-0.4R	23Ga/23Ga x 5/8 in (.60X16 mm)

Soft Tip Cannulas

Soft tip for gentle polishing which provides atraumatic insertion and removal

Squeegee

Soft Tip Cannula

Angled 32°, 9 mm from the end
10 mm silicone tubing
ID - .50 mm (.020 in) / .30 mm (.012 in)
OD - .95 mm (.037 in) / .60 mm (.025 in)

21-R6023 23Ga x 7/8 in (.60X22 mm)
21-R6027 27Ga x 7/8 in (.40X22 mm)



Engels

Anterior Capsule Polisher

21-R6327 27Ga x 7/8 in (.40X22 mm)



Engels

Posterior Capsule Polisher

21-R6427 27Ga x 7/8 in (.40X22 mm)



Micro-Etched Tip Cannulas

lightly roughened for gentle polishing. Beveled down for polishing posterior capsule

Kratz

Capsule Polisher

Angled 37°, 7 mm from the end,
.30 mm side port
3 mm sandblasted closed end

21-R6121 21Ga x 7/8 in (.80X22 mm)
21-R6123 23Ga x 7/8 in (.60X22 mm)



Capsule Polisher

Angled 37°, 7 mm from the end
3 mm sandblasted open end

21-R6223 21Ga x 7/8 in (.80X22 mm)
21-R6223 23Ga x 7/8 in (.60X22 mm)



Micro Etched Tip Cannulas

Slightly roughened for gentle polishing. Beveled down for polishing posterior capsule



Olive Tip Capsule Polisher

Curved
1mm smooth, bulbous tip

21-R2623 23Ga x 1in (.60X25mm)



Jensen

Olive Tip Capsule Polisher

Curved
1mm smooth, bulbous tip

21-R6425 25Ga x 7/8 in (.50X22 mm)



Olive Tip Capsule Polisher

Angled
1mm sandblasted, bulbous tip

21-R6425A 23Ga x 10 mm bend



Thorton

J Capsule Polisher

Hook 2 mm long X 2 mm wide

21-R6323 23Ga x 7/8 in (.60X22 mm)

Accessories

Replacement Tubing

6 in (15 cm) silicone tubing
 ID - 0.75 mm (0.030 in)
 OD - 1.65 mm (0.065 in)
 Non Sterile

21-R5524



Male-To-Male Connector

fits Luer taper on both ends
 made with autoclavable plastic

21-R9303 50 mm (2 in)



Luer slip fittings connect instrument to tubing. Especially useful for bimanual I&A to connect cannula to I&A tubing

Lacrimal Intubation and DCR

For surgical treatment, repair and irrigation of the nasolacrimal system

Lacrimal Intubation Set

Silicone tubing 30 cm (12 in)
 Stainless steel probes
 ID - .30mm (.12 in)
 OD - .60mm (.025 in)

21-R7001 23Ga x 7 in (0.60X175 mm)



Lacrimal Intubation Tubing

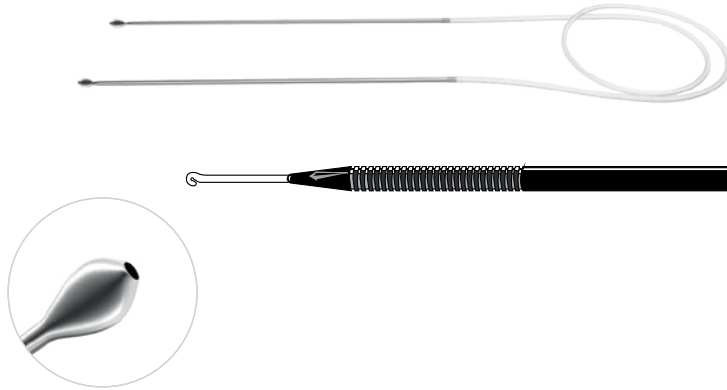
Silicone tubing 30 cm (12 in)
 ID - .30mm (.12 in)
 OD - .60mm (.025 in)

21-R7002



Lacrimal Intubation and DCR

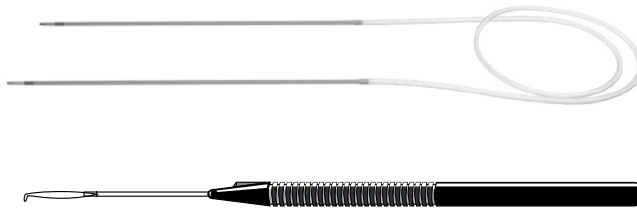
For surgical treatment, repair and irrigation of the nasolacrimal system



Lacrimal Intubation Set

Olive tip
Silicone tube length 35 cms
Stainless steel probes

21-R7004 27Ga x 11 cm probe
21-R7004RD 27Ga x 11 cm probe
(with Retrieval Device)

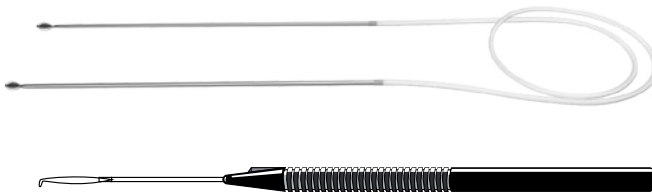


Notched

Lacrimal Intubation Set

35cms silicone tubing
Stainless steel probes

21-R7005 23Ga x 11 cms probe
21-R7005RD 23Ga x 11 cms probe
(with Retrieval Device)

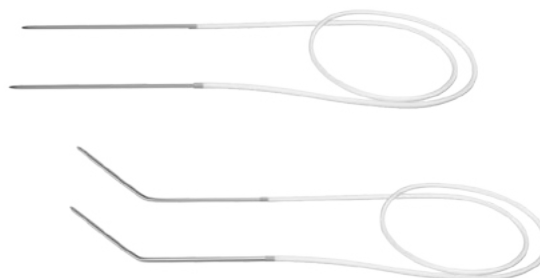


Crawford

Lacrimal Intubation Set with suture

Olive tip, 6.0 silk thread
Stainless steel probes
6.0 silk thread inserted inside the lumen of probe for easy removal without anesthesia

21-R7006 23Ga x 11 cms



DCR Set

Silicone tubing length 30 cms (12")
Tubing dimensions 0.5mm (.020") x 0.95mm (.037")
Stainless steel probes

21-R7011 20Ga x 45mm (1 3/4"), Straight
21-R7012 20Ga x 45mm (1 3/4"), Angled

Lacrimal Cannula

Curved, malleable
20G shaft having reinforced 12 mm

21-R7013 23Ga x 42 mm

**Lacrimal Cannula**

21-R7021 21Ga x 11/4 in (0.80 X 33 mm)

**Fasanella**

Lacrimal Cannula
Gently curved

21-R7023 23Ga x 42 mm

**Anel**

Lacrimal Cannula
Straight
Special long mount blunt tip

21-R7025 25Ga

**Lacrimal Cannula**

21-R7026 26Ga x 11/8 in (0.45 X 28 mm)

**Shahinian**

Lacrimal Cannula
Straight
Smooth bullet shape end

21-R7027 25Ga x 35 mm



Flattened End Cannulas

Flattened tip provides easy insertion under the flap and helps elevate the flap edge.
Multiple ports provide multi-directional irrigation



Daya

Lasik Cannula

21-R7123 23Ga x 7/8 in (.60X22 mm)



Rosen

Lasik Cannula

Formed 11 mm

21-R7125 25Ga x 7/8 in (0.50X22 mm)



Lasik Irrigator

4 ports

Formed 9 mm from end

Two 0.15 mm ports 2 mm and 4 mm from the end

21-R7127 27Ga x 7/8 in (0.40X22 mm)



Lasik Irrigator

4 ports

Formed 11 mm from end

Two 0.20 mm ports 2 mm and 4 mm from the end

21-R7323 23Ga x 7/8 in (0.60X22 mm)



Hersh

Lasik Spatula/Irrigator

Formed 9 mm from the end, 45°

21-R7223 23Ga x 7/8 in (0.60 X 22 mm)

Round End Cannulas

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

Lasik Irrigator

4 ports
Formed 11 mm
Two 0.15 mm ports 2 mm and
4 mm from the end

21-R7227 27Ga x 7/8 in (0.40X22 mm)



Lasik Irrigator

Formed 9 mm from the end

21-R7427 27Ga x 7/8 in (0.40X22 mm)



Lindstrom

Lasik Irrigating Cannula

3 ports
Angled 7 mm bend to tip
Smooth angle curvature allows for safe
flap alignment

21-R7430 25Ga x 1 in



Gulani

Triple Function Lasik Cannula

16Ga tapered to 25Ga x 8mm bend
with smooth bulbous tip (open end)

21-R7431 25Ga x 5mm bend



Round End Cannulas

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

Lasik Irrigator

4 ports
Formed 11 mm
Two 0.15 mm ports 2 mm and
4 mm from the end

21-R7227 27Ga x 7/8 in (0.40X22 mm)



Lasik Irrigator

Formed 9 mm from the end

21-R7427 27Ga x 7/8 in (0.40X22 mm)



Lindstrom

Lasik Irrigating Cannula

3 ports
Angled 7 mm bend to tip
Smooth angle curvature allows for safe
flap alignment

21-R7430 25Ga x 1 in



Gulani

Triple Function Lasik Cannula

16Ga tapered to 25Ga x 8mm bend
with smooth bulbous tip (open end)

21-R7431 25Ga x 5mm bend



Vitreoretinal Cannulas

Cannula extends into hub reducing the chance of additional air bubble in the syringe from entering cannula

Vander

Vitreoretinal Cannula
20Ga X 1 in (0.90X25 mm) cannula

21-R7514 30Ga tip, straight (shown)
21-R7515 30Ga (0.30 mm) tip, angled 45°



Vitreoretinal Micropicks

For removing premacular, epiretinal and other vitreoretinal membranes .

Glaser

Vitreoretinal Micropick

20Ga x 1 in (0.90X25 mm)
25Ga x 3/16 in (0.50X5 mm)

21-R7625 0.5 mm sharp tip, angled 50°



Eaton

Vitreoretinal Micropick

20Ga x 1 in (0.90X25 mm)
30Ga x 3/16 in (0.30 X 5 mm)

21-R7630 0.5 mm sharp tip, angled 50°



Subretinal Fluid Cannulas

Flexible sleeve allows atraumatic entry through retinal or macular tears or holes and enables aspiration of subretinal fluid.

Grizzard

Subretinal Fluid Cannula

20Ga x 1 in (0.90X25 mm) cannula
25Ga x 5/32 in (0.30X4 mm) tip
6 mm tubing extension
Tubing:
ID - 0.3mm (0.012");
OD - 0.6mm (0.025")

21-R7720 Angled
21-R7721 Straight



Grizzard

Subretinal Fluid Cannula

20Ga x 1 in (0.90X25 mm) cannula
25Ga x 5/32 in (0.50X4 mm) tip
3 mm tubing extension
Tubing:
ID - 0.3mm (0.012");
OD - 0.6mm (0.025")

21-R7820 Angled
21-R7821 Straight



**Peyman**

High Viscosity Fluid Cannula

21-R7516 16Ga x 9mm (3/8 in)

Dual Bore Cannulas

For simultaneous infusion and aspiration of liquids.

**Dual Bore PFC Cannula**12-5191 20Ga (0.90 mm)
12-5203 23Ga (0.60 mm)**Dual Bore BSS Injection Needle**

20Ga (0.90 mm) cannula

12-5194 41Ga (0.10 mm) tip

Cannulas for Backflush Instruments**Brush Tip Cannula**

For atraumatic brushing of retina

0.90 mm silicone brush tip

12-5017 20Ga (0.90 mm)

0.60 mm silicone brush tip

12-5162 23Ga (0.60 mm)
12-5160 25Ga (0.50 mm)

Soft Tip Cannula

Flexible tip allows atraumatic entry through retinal or macular tears or holes and enables aspiration of subretinal fluid

2.0 mm silicone tip

12-5063	20Ga (.90 mm)
12-5161	23Ga (.60 mm)
12-5152	25Ga (.50 mm)



Diamond Dusted Soft Tip Cannula

For simultaneous infusion and aspiration of liquids

1.0 mm silicone tip
For triamcinolone removal

12-5193	20Ga (0.90 mm)
12-5192	23Ga (0.60 mm)



Charles Flute Cannula

Designed to aspirate blood and debris from the posterior segment.

Smooth, finished tip provides atraumatic entry and reduces risk of trauma to surrounding tissue.

Blunt tip

12-5151	20Ga (0.90 mm)
12-5164	23Ga (0.60 mm)
12-5156	25Ga (0.50 mm)



Infusion Cannulas

Designed to provide more effective infusion.

Ultra thin wall cannula 0.90 mm (20Ga) with 45° beveled tip allows more fluid flow than a regular wall cannula.

Flexible tubing is 25 cm (10 in) long and attaches to an infusion source with luer lock fitting



Infusion Cannula

12-5066	20Ga (0.90 mm), 2.5 mm tip
12-5010	20Ga (0.90 mm), 4.0 mm tip
12-5011	20Ga (0.90 mm), 6.0 mm tip

Silicone Oil Infusion Cannulas

Unique design facilitates injection of silicone oil and other viscous fluids



Silicone Oil

Infusion Cannula

20Ga (0.90 mm)

12-5012	4.0 mm tip
12-5013	6.0 mm tip

Self-Retaining Sutureless Cannulas

Sutureless fixation. Retaining ridge holds cannula in place



Self-Retaining

Infusion Cannula

4.0 mm tip Stainless Steel Metal Hub

12-5116	20Ga (0.90 mm)
12-5144	23Ga (0.60 mm)

6.0 mm tip Stainless Steel Metal Hub

12-5219	20Ga (.90 mm)
12-5221	23Ga (.60 mm)

Self-Retaining Sutureless Cannulas

Sutureless fixation. Retaining ridge holds cannula in place

Silicone Oil Self-Retaining

Infusion Cannula

4.0 mm tip Stainless Steel Metal Hub

12-5117 20Ga
12-5165 23Ga

6.0 mm tip Stainless Steel Metal Hub

12-5220 20Ga
12-5222 23Ga



Viscous Fluid

Injection Cannula

10 mm polyimide tip
Allowing injection of viscous fluids such as
silicone oil through 23Ga trocar cannula

12-5248 23Ga



Illuminated Infusion Cannula

For simultaneous infusion of liquids and illumination

Chandelier

Cannula with illumination

Ocutome® connector

12-5037 20Ga



Illuminated

Infusion Cannula

12-5038 18Ga, Ocutome® connector
12-5096 18Ga, Alcon® connector
12-5128 18Ga, B&L® connector



Index

Basic Set

Cataract Sets

Refractive Sets

Corneal Sets

Miscellaneous Sets

Vitreoretinal Sets

Sets

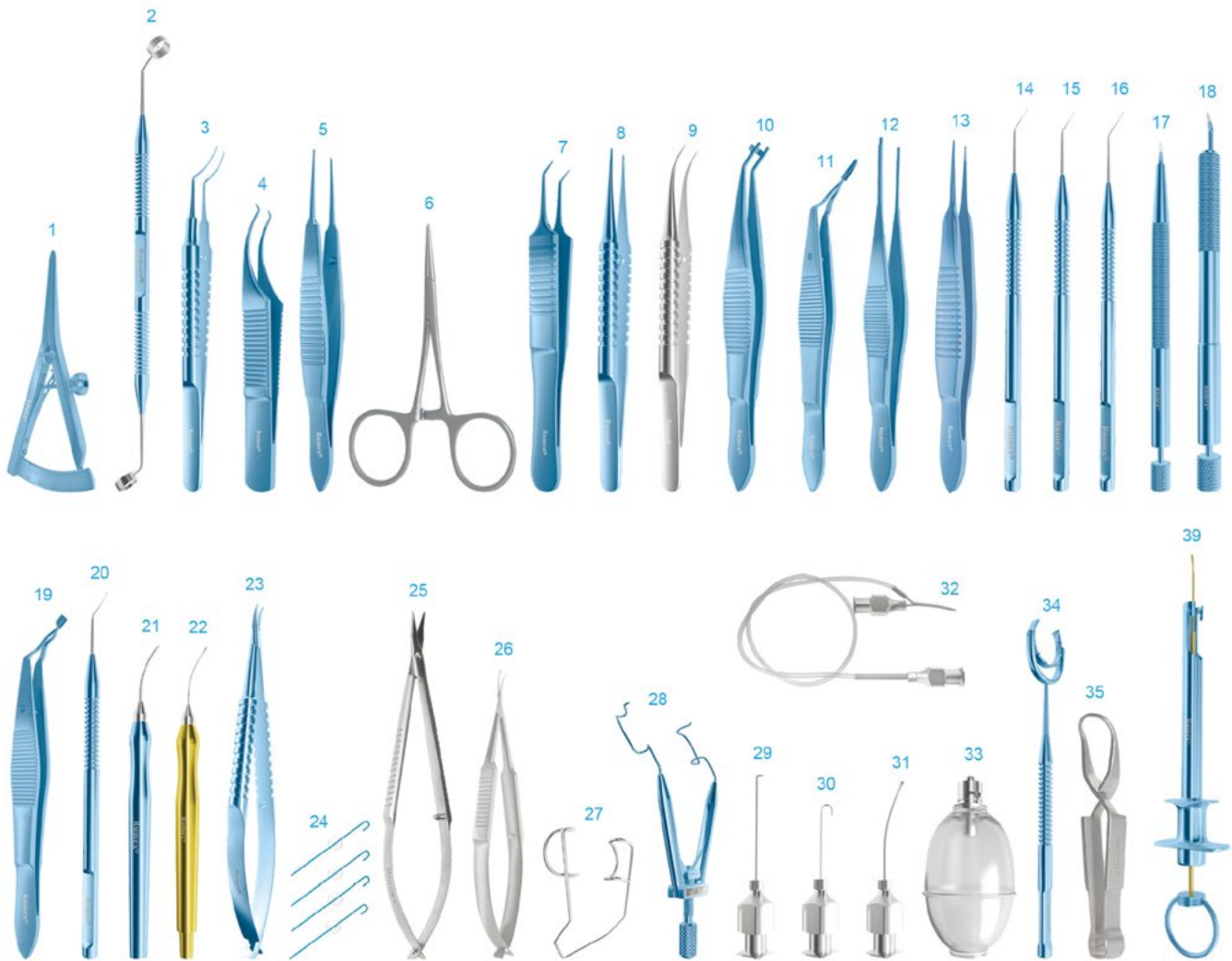
View all our
sets products at
www.rumex.net





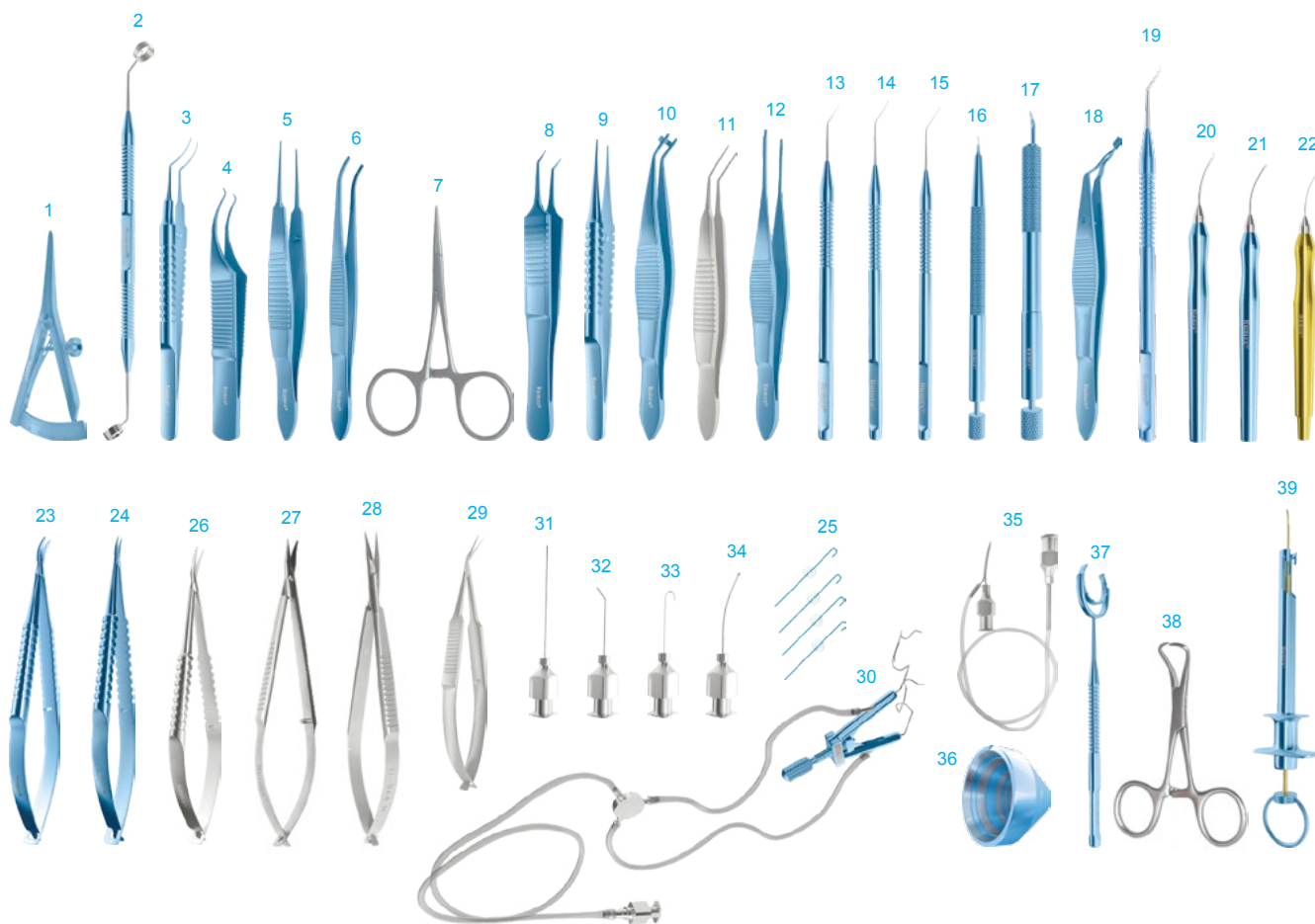
Reference	Key	Description	Page	Reference	Key	Description	Page
2-010T	1	Castroviejo Caliper	33	10-021	20	Desmarres Lid Retractor, Size 1	86
4-100S	2	Straight Iris Forceps With Serrations	63	10-022*	21	Desmarres Lid Retractor, Size 2	86
4-101S	3	Straight Iris Forceps, 1x2 Teeth	63	10-023*	22	Desmarres Lid Retractor, Size 3	86
4-0501T	4	Colibri Corneal Forceps, .12 mm 1x2 Teeth	56	11-040S	23	Westcott Tenotomy Scissors, Blunt Tips, 13 mm Blades	48
4-058T	5	Bonn Corneal Forceps, Straight, .12 mm 1x2Teeth	58	11-044S	24	Westcott Stitch Scissors, Sharp Tips, 16 mm Blades	47
4-0600T	6	Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65	11-080S	25	Straight Iris Scissors	46
4-070S	7	Dressing Forceps, 6 mm Serrated Tips	58	11-058S	26	Gills-Vannas Capsulotomy Scissors, 10 mm Blades	49
4-2300T	8	Bonaccolto Utility Forceps	67	14-040T	27	Lieberman Temporal Speculum	30
4-130S	9	Jameson Muscle Forceps, Left	64	14-022S	28	Barraquer Wire Speculum, Adult Size	32
4-131S	10	Jameson Muscle Forceps, Right	64	14-023S*	29	Barraquer Wire Speculum, Child Size	32
4-173T	11	McPherson Angled Tying Forceps, 6 mm Platform	66	15-051-25	30	Rycroft Anterior Chamber Cannula, 25 Ga	151
4-178S	12	McPherson Straight Tying Forceps, 7 mm Platform	66	15-301/303	31	Silicone Bulb With Adapter	164
4-120S	13	Hartman Mosquito Forceps, Straight, Short	64	16-081S	32	Towel Forceps	68
5-060	14	Gass Retinal Detachment Hook	71	16-115	33	Flynn Scleral Depressor, Overall Length 90 mm	88
5-040	15	Jameson Muscle Hook	70	18-305*	34	Plastic Sterilizing Tray, Double Level, Large	217
5-062	16	Stevens Curved Tenotomy Hook	71				
6-322/6-0531	17	Universal Three-step diamond knife with 20 Degrees Trifacet Blade, 1.00 mm	43				
8-011T	18	Barraquer Needle Holder, Small size	80				
8-045T	19	Barraquer Needle Holder, Extra Fine Jaws, Medium size	81				

* not shown



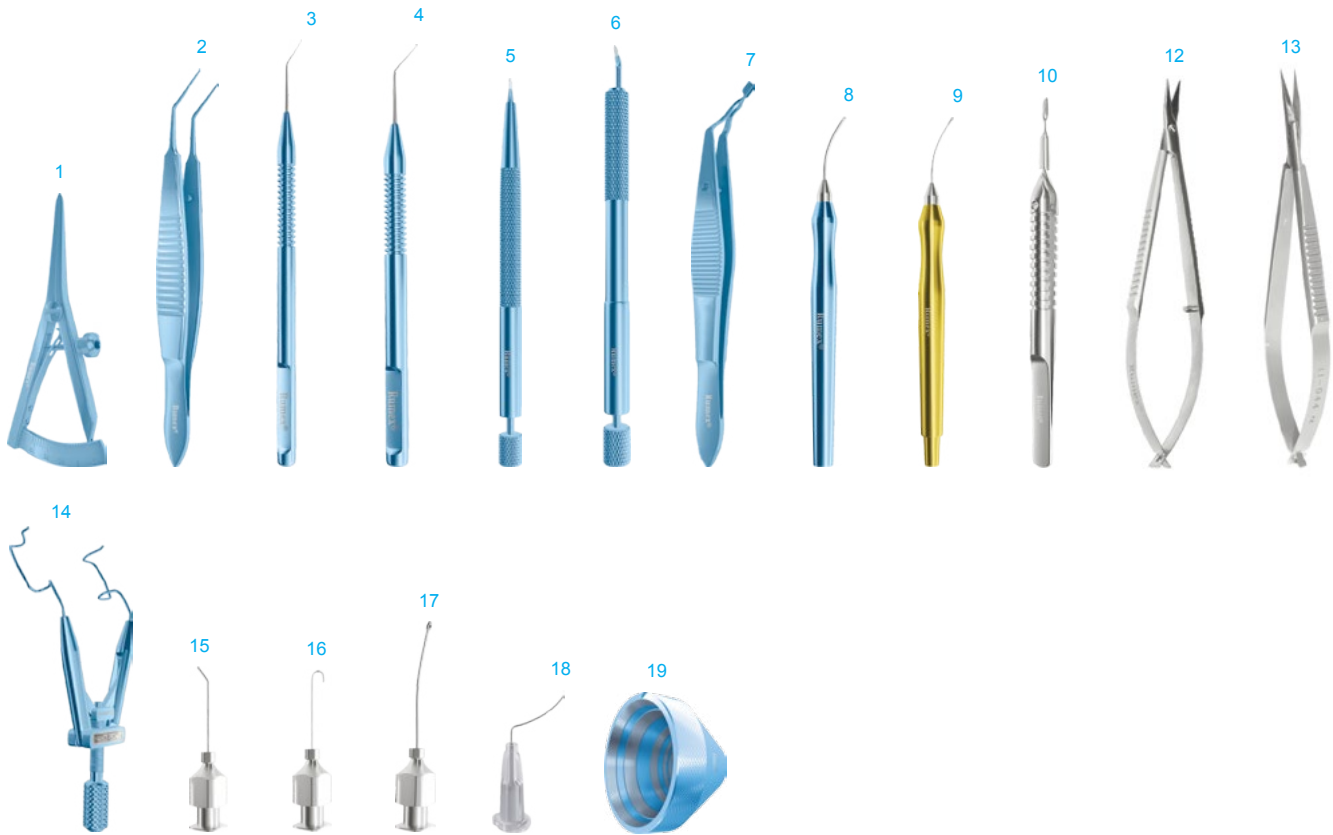
Reference	Key Description	Page	Reference	Key Description	Page
2-010T	1 Castroviejo Caliper, Titanium	33	7-025T	19 Ernest Nucleus Cracker	90
3-040	2 Whipple Capsulorrhexis Concentration Marker	36	7-065	20 Rosen Phaco Chopper Universal	92
4-03315T	3 Ultrata Capsulorrhexis Forceps with Ruler	51	7-081-23	21 Irrigation Handpiece, Curved, 23 Ga	97
4-050T	4 Colibri Corneal Forceps, .12 mm 1x2 Teeth	56	7-0821-23	22 Aspiration Handpiece, Curved, 23 Ga	98
4-0600T	5 Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65	8-041T	23 Barraquer Needle Holder, Medium	81
4-120S	6 Hartman Mosquito Forceps, Straight	64	10-5016-1	24 Disposable Iris Retractors (1 pack of 4 pcs)	19
4-174T	7 McPherson Angled Tying Forceps	66	11-040S	25 Westcott Curved Tenotomy Scissors	48
4-185T	8 Tennant Straight Tying Forceps	67	11-058S	26 Gills-Vannas Capsulotomy Scissors, 10 mm Blades	49
4-186S	9 Tennant Curved Tying Forceps	67	14-022S	27 Barraquer Wire Speculum, Adult Size	32
4-2107T	10 Steinert Paddle Lens Folding Forceps	60	14-040TK	28 Lieberman Temporal Speculum, Adult Size	30
4-2113S	11 MacDonald Style Inserting Forceps	60	15-0681	29 Chang Nucleus Hydrossector	157
4-2141T	12 Cartridge Loading Forceps	60	15-071-25	30 McIntyre Nucleus Hydrossector, Spatulated	156
4-2301T	13 Fechtner Conjunctiva Forceps	54	15-170	31 Microincisional Capsule Polisher, 23 Ga	96
5-030	14 Kuglen Hook	69	15-129-0.3	32 Simcoe I/A Cannula, 23/23 Ga	160
5-0331	15 Lester Lens Manipulator	70	15-301/303	33 Silicone Bulb With Adapter	164
5-034	16 Bechert Nucleus Rotator	70	16-0341T	34 Thornton Fixation Ring With Swivel	87
6-10/6-053	17 Diamond Knife, Trifacet Blade, 1.0 mm	41	16-080S	35 Towel Clamp	68
6-20/6-104	18 Diamond Knife, 2.3/2.8 mm Self-Diving Trapezoid Blade	42	16-2806	36 IOL injector for A, B, C cartridges	99
			18-305*	37 Plastic Sterilizing Tray, Double Level, Large	217

* not shown



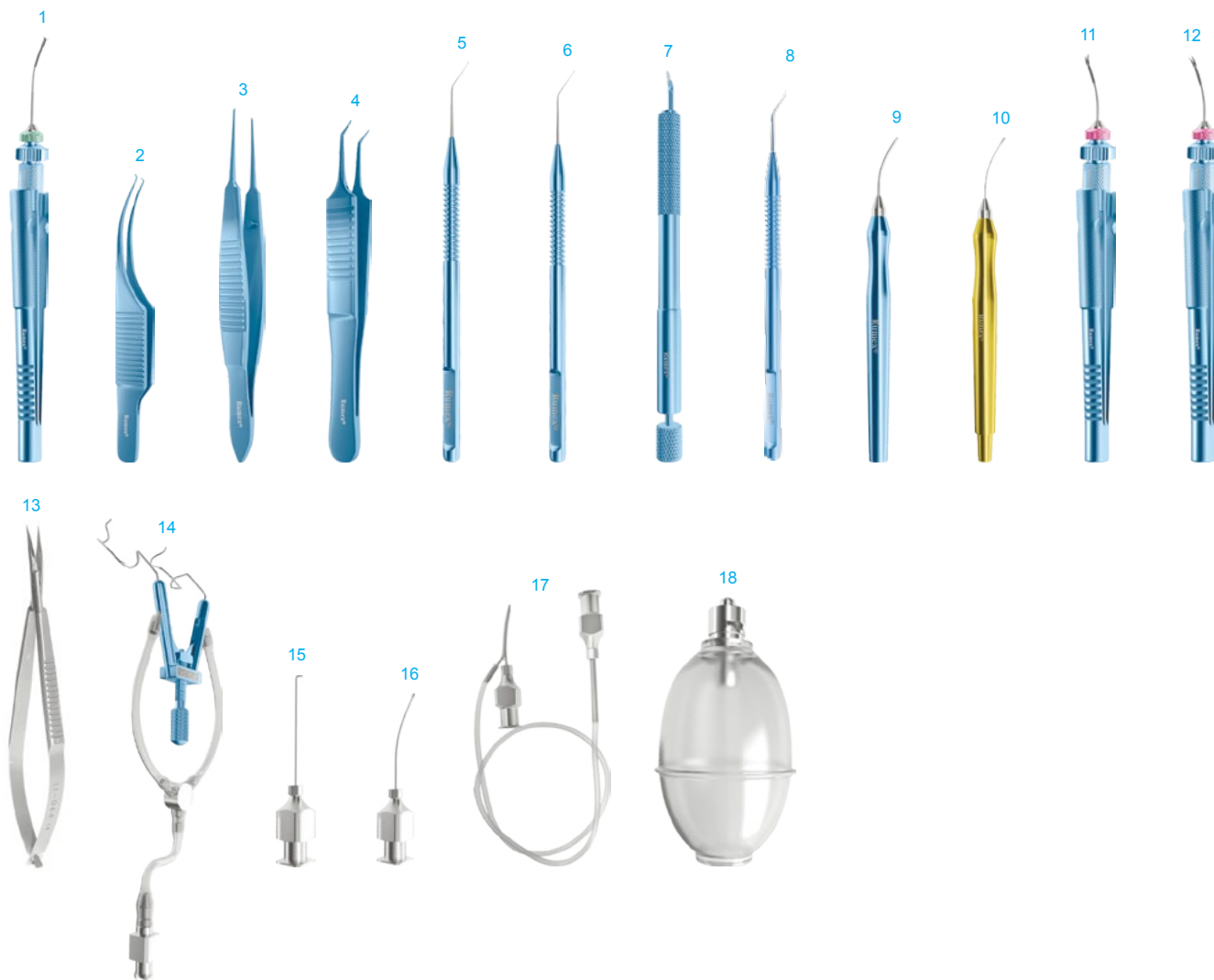
Reference	Key	Description	Page	Reference	Key	Description	Page
2-010T	1	Castroviejo Caliper	33	7-081	21	Irrigation Handpiece For Bimanual Technique, 21Ga	97
3-040	2	Whipple Capsulorrhexis Centrations Marker	36	7-0821	22	Aspiration Handpiece For Bimanual Technique, 22Ga	98
4-03315T	3	Utrata Capsulorrhexis Forceps, Cystotome Tips, with SCALE	51	8-031T	23	Barraquer Needle Holder, Standard Jaws	81
4-050T	4	Colibri Corneal Forceps	56	8-045T	24	Barraquer Needle Holder, Extra Fine Jaws	81
4-0600T	5	Castroviejo Suturing Forceps	65	10-5016-1	25	Disposable Iris Retractors, 1 pack of 4 pcs (4 retractors)	19
4-072T	6	Dressing Forceps With Serrations	58	11-034S	26	Universal Corneal Scissors	45
4-120S	7	Hartman Hemostatic Mosquito Forceps	64	11-040S	27	Westcott Curved Tenotomy Scissors	48
4-174T	8	McPherson Angled Tying Forceps	66	11-044S	28	Westcott Stitch Scissors	47
4-185T	9	Tennant Straight Tying Forceps	67	11-0581S	29	Gills-Vannas Capsulotomy Scissors	49
4-2107T	10	Steinert Paddle Lens Folding Forceps	60	14-080A	30	Lieberman Temporal Speculum With Aspiration	28
4-2108S	11	Faulkner Lens Holding Forceps	60	15-025	31	Kelman Sharp Irrigating Cystotome, 25Ga	154
4-2141T	12	Cartridge Loading Forceps, For Inserting IOL into A, B, C, D Cartridges	60	15-051-27	32	Rycroft Anterior Chamber Cannula, 27Ga	151
5-030	13	Kuglen Iris Hook	69	15-071-25	33	McIntyre Nucleus Hydrodissector, Spatulated, 25Ga	156
5-032	14	Sinskey Hook	69	15-170	34	Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96
5-034	15	Bechert Nucleus Rotator	70	15-129-0.3	35	Simcoe I/A Cannula, 23/23Ga	160
6-10/6-053	16	Diamond knife, Trifacet Blade, 1.0 mm	41	16-020T	36	Maloney Intraoperative Keratometer	33
6-20/6-107	17	Diamond Knife, 2.3/2.8 mm Self-Diving Trapezoid Blade	42	16-0341T	37	Fine/Thornton Fixation Ring With Swivel	87
7-025T	18	Ernest Nucleus Cracker	90	16-081S	38	Towel Forceps	68
7-063 (7-064*)	19	Nagahara Phaco Chopper RHD (LHD*)	92	16-2806	39	Next generation IOL injector for A, B, C cartridges	99
7-0634/I	20	Lesieur Hydrochopper, 20 Ga	96	18-305**	40	Plastic Sterilizing Tray, Double Level, Large	217

* optional
** not shown



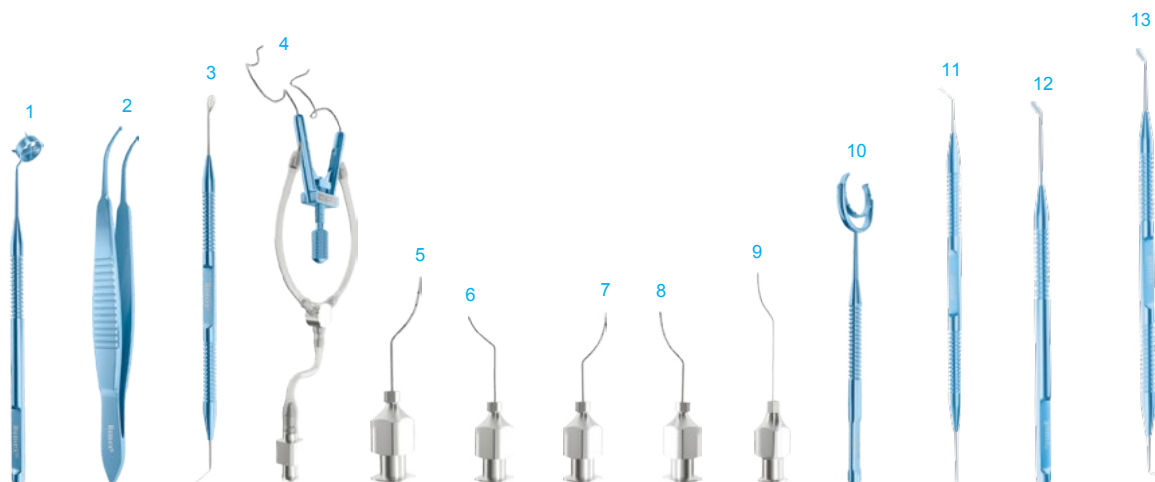
Reference	Key Description	Page	Reference	Key Description	Page
2-010T	1 Castroviejo Caliper	33	11-040S	11 Westcott Curved Tenotomy Scissors	48
4-0301T	2 Ultrata Capsulorrhexis Forceps, CystotomeTips	50	11-044S	12 Westcott Stitch Scissors, Sharp Tips	47
5-030	3 Kuglen Hook, Angled	69	14-040T	13 Lieberman Temporal Speculum	30
5-032	4 Sinskey Hook, Angled	69	15-071-25	14 McIntyre Nucleus Hydrodissector, 25Ga	156
6-10/6-0501	5 45 Degree Side Port Single Edge Blade 0.6 mm 6-10/6-053* Trifact Blade, 1.0 mm	41	15-051-27	15 Rycroft Anterior Chamber Cannula, 27Ga	151
6-20/6-104	6 2.3/2.8 mm Trapezoid Self-Diving Diamond Knife	42	15-159-25	16 Jensen Capsule Polisher, Curved, Olive tip, 25Ga	155
7-025T	7 Ernest Nucleus Cracker	90	21-R3925	17 Irrigating Cystotome - Formed 25Ga, 10 per box	170
7-081	8 Irrigation Handpiece For Bimanual Technique, 21Ga	97	16-020T	18 Maloney Intraoperative Keratometer, Titanium	33
7-0821	9 Aspiration Handpiece For Bimanual Technique, 22Ga	98	18-304*	19 Sterilizing Tray, Large	217
7-1161S	10 Combo Prechopper(Sharp&Blunt Blades)	91			

* not shown



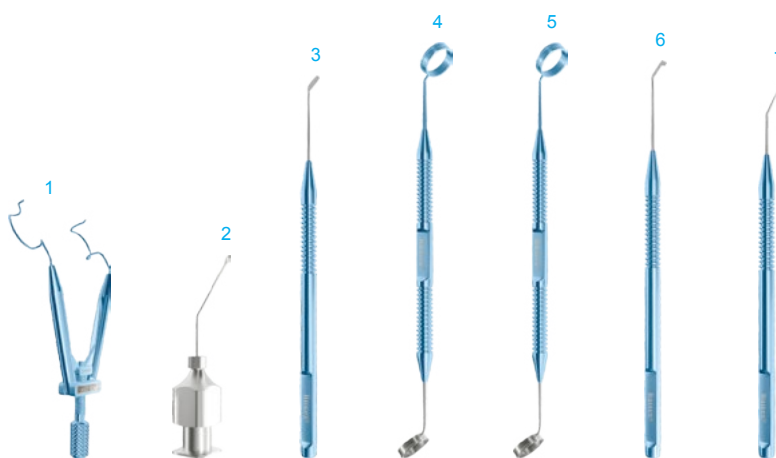
Reference	Key Description	Page	Reference	Key Description	Page
4-03771	1 Kawai Capsulorrhexis Forceps, Tapered 23/25Ga shaft	23	11-03741	11 Side Port Capsulotomy Scissors, Left, 20Ga	26
4-0501T	2 Colibri Corneal Forceps, .12mm 1x2 Teeth	56	11-03751	12 Side Port Capsulotomy Scissors, Right, 20Ga	26
4-0600T	3 Castroviejo Suturing Forceps, .12mm 1x2 Teeth	65	11-044S	13 Westcott Stitch Scissors	26
4-174T	4 McPherson Angled Tying Forceps	66	12-003T**	14 Universal Squeeze Handle (2 pcs)	47
5-032	5 Sinskey Hook	69	14-080A	15 Lieberman Temporal Speculum With Aspiration	28
5-034	6 Bechert Nucleus Rotator	70	15-0681	16 Chang Nucleus Hydrodissector, 27Ga	157
6-20/6-0551	7 Zaldivar Universal ICL Knife, 0.55/1.00 mm Width/ Angled Titanium Universal Handle	42	15-170	17 Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	160
7-063(7-064*)	8 Nagahara Phaco Chopper RHD (LHD*)	92	15-129-0.3	18 Simcoe I/A Cannula, 23/23Ga	164
7-081	9 Irrigation Handpiece For Bimanual Technique, 21Ga	97	15-301/303	19 Silicone Bulb With Adapter	217
7-0821	10 Aspiration Handpiece For Bimanual Technique, 22Ga	98	18-304**	20 Sterilizing Tray, Large	217

* optional
 ** not shown



Reference	Key Description	Page	Reference	Key Description	Page
3-174T	1 Lavery LASIK Marker	37	15-378R	8 Gimbel LASIK Fountain Cannula, Right, 25GX25,4 mm 162	104
4-2206T	2 LASIK Flap Forceps, Curved, Titanium	55	15-379-25	9 Buratto LASIK Irrigation Cannula 25G, 45° angled triport	104
13-110	3 Paton Double Ended Spatula And Spoon, Double Ended	74	16-0341T	10 Fine/Thornton Fixation Ring With Swivel	87
14-080LA	4 Lieberman Temporal Speculum With Aspiration for LASIK	28	20-013	11 LASIK Spatula And Flap Retreatment Instrument	77
15-373-25	5 Banaji LASIK Irrigation Cannula, 25Ga	104	20-001	12 Hockey Epithelium Removal Knife	78
15-376	6 Slade LASIK Cannula, 26G	104	20-002	13 Lindstrom LASIK/PRK Spatula and Epithelium Removal Board	78
15-378L	7 Gimbel LASIK Fountain Cannula, Left, 25GX25, 4 mm162		18-304*	14 Plastic Sterilizing Tray, Single Level, Large	217

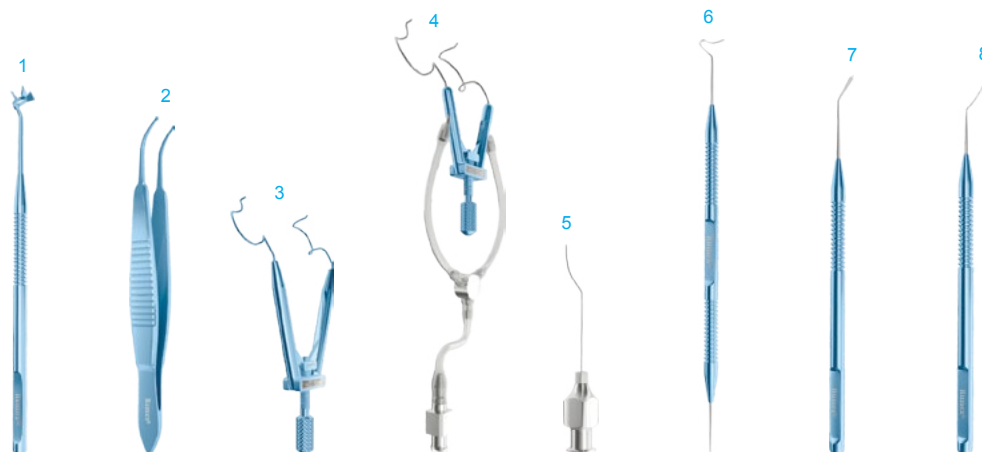
* not shown



Reference	Key Description	Page	Reference	Key Description	Page
14-040TL	1 Lieberman Temporal Speculum for LASIK	30	20-122	5 LASEK 9mm Trephine / 9.5mm Funnel	105
15-097	2 Troutman Alpha-Chrymostrypsin Aspirating Cannula, 25Ga	159	20-130	6 LASEK Detaching Spatula	78
20-0011	3 LASEK Knife	78	20-131	7 LASEK Epithelial Micro Hoe	78
20-121	4 LASEK 8.0mm Trephine / 8.5mm Funnel	105	18-304*	8 Plastic Sterilizing Tray, Single Level, Large	217

* not shown

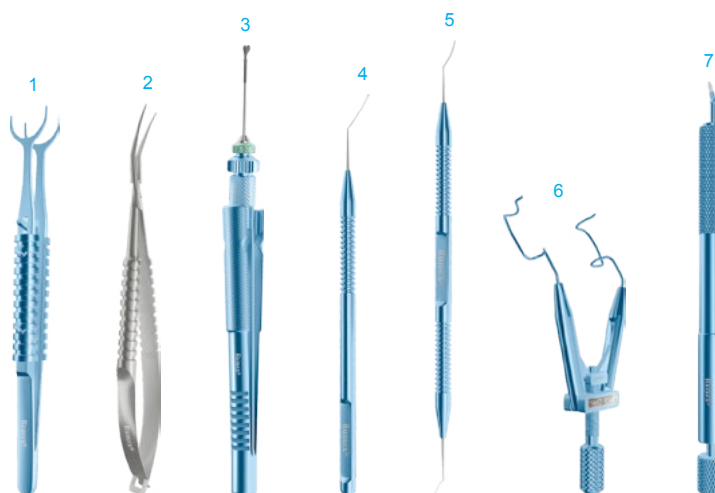
REFRACTIVE | 24-033 FEMTOLASIK SET



Reference	Key Description	Page	Reference	Key Description	Page
3-176T	1 LASIK Flap Marker	37	20-201	6 FemtoLASIK Flap Spatula Double Ended	78
4-2206T	2 LASIK Flap Forceps, Curved, Titanium	55	20-202	7 FemtoLASIK Flap Spatula	78
14-040TL	3 Lieberman Temporal Speculum for LASIK	30	20-203	8 Zaldivar FemtoLASIK Spatula	78
14-080LA	4 Lieberman Temporal Speculum with Aspiration for LASIK	28	18-304*	9 Plastic Sterilizing Tray, Single Level, Large	217
15-379-25	5 Buratto LASIK Irrigation Cannula 25Ga	104			

* not shown

REFRACTIVE | 24-034 ICL™ SET



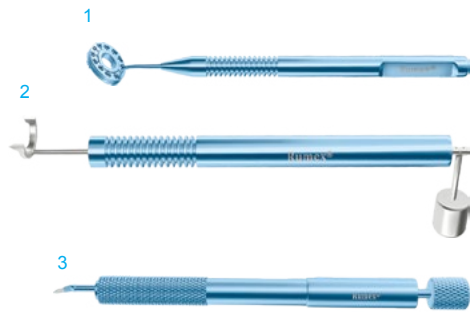
Reference	Key Description	Page	Reference	Key Description	Page
4-08011T	1 Nevyas-Wallace Fixation Forceps, .12mm 1x2 Teeth	59	13-142	6 Zaldivar ICL™ Manipulator	30
4-20111S	2 ICL™ Cartridge Loading Forceps	62	14-040T	7 Lieberman Temporal Speculum	42
4-21431	3 Coaxial Angled ICL™ Loading Forceps, 20 Ga	25	6-20/6-0551	8 Zaldivar Universal ICL™ Knife, 0.55/1.00 mm Width/ Angled Titanium Universal Handle	217
12-003T*	4 Universal Squeeze Handle	79	18-304*	9 Sterilizing Tray, Single Level, Large	
13-141	5 Pallikaris ICL™ Manipulator	79			

* not shown



Reference	Key Description	Page
2-0331T	1 Grooved Mendez Degree	34
3-090T	2 Bores Axis Marker	34
3-1932	3 Whitehouse Gravity Axis Marker II, Straight	38
6-322/6-0531	4 20 Degree Trifacet Blade, 1.0mm/ Calibration mechanism with 3 preset depth settings of 500, 550, and 600 microns	43

*optional set



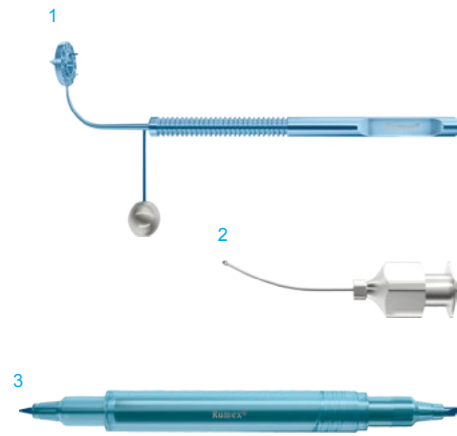
Reference	Key Description	Page
* optional		
3-1801	1 LRI Marker, 40-60-80 degrees	37
3-1932	2 Whitehouse Gravity Axis Marker II, Straight	38
6-322/6-0531	3 20 Degree Trifacet Blade, 1.0mm/ Calibration mechanism with 3 preset depth settings of 500, 550, and 600 microns	43

REFRACTIVE | 24-036 TORIC IOL IMPLANTATION SET

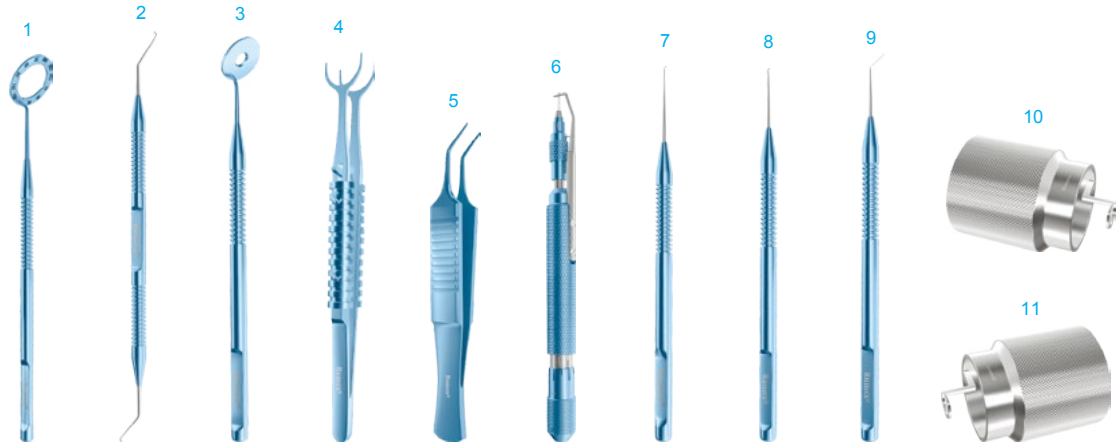


Reference	Key Description	Page
2-034T	1 Grooved Fine Mendez Degree	35
3-091T	2 Bores Axis Marker	35
3-193	3 Whitehouse Gravity Axis Marker, Angled	38
15-170	4 Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96
20-050	5 Disposable Marking Pen	106

*optional set

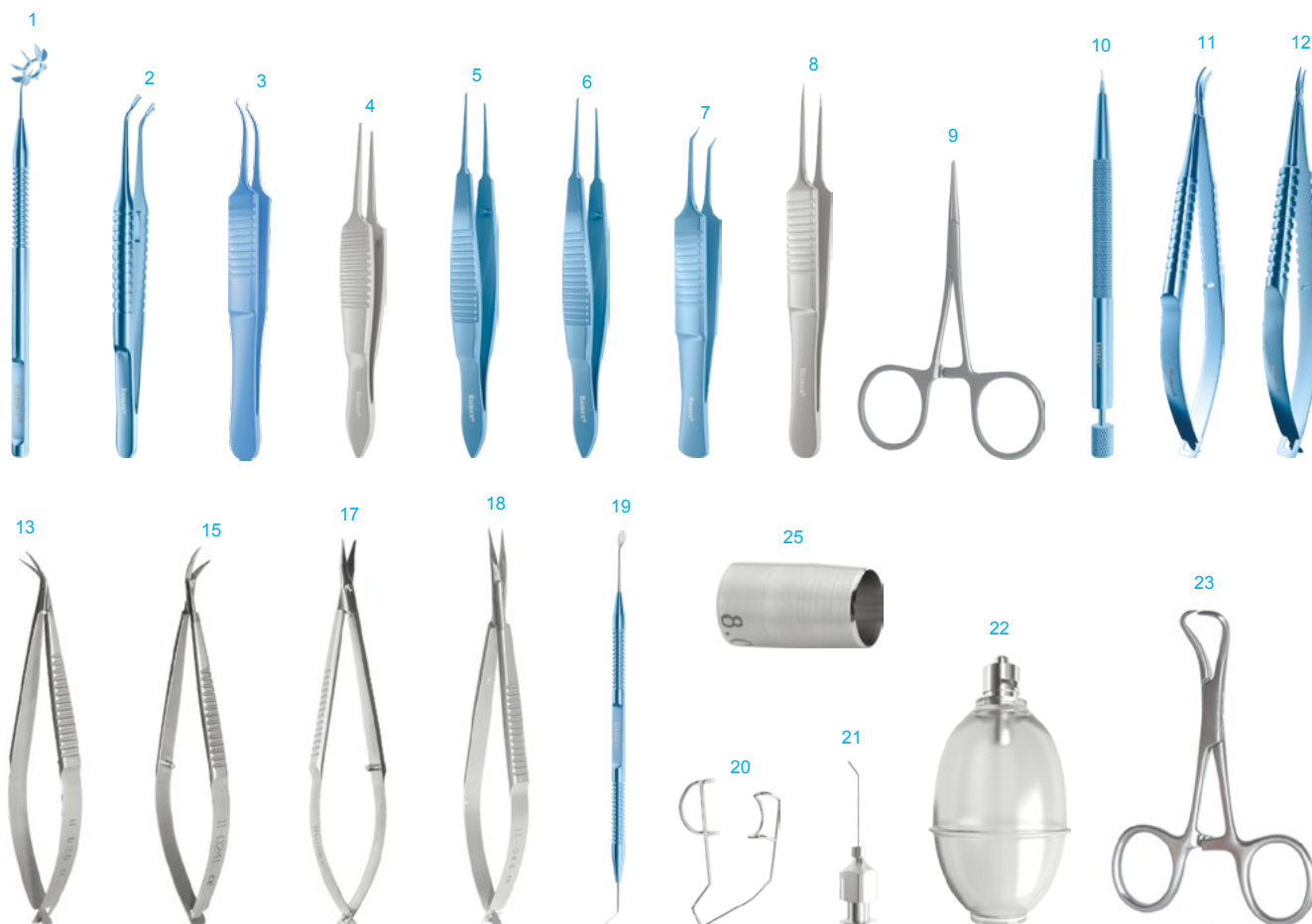


Reference	Key Description	Page
* optional		
3-194 (3-1941)*	1 Rumex Toric Combo Marker, Vertical 0-0 Axis (Horizontal 0-0 Axis)	38
15-170	2 Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96
20-050	3 Disposable Marking Pen	106



Reference	Key	Description	Page	Reference	Key	Description	Page
2-0331T	1	Mendez Degree Gauge	34	10-035	7	Elevator for ICSR implantation	79
3-034	2	Optical Zone Marker	110	13-146	8	Suarez Spreader	79
3-143T	3	Tunnel Zone Marker	110	13-147	9	Bicalto Guide	79
4-08011T	4	Nevyas-Wallace Fixation Forceps	59	16-173S	10	Tunnel Maker Left	111
4-2144T	5	Forceps for ICSR Implant	111	16-174S	11	Tunnel Maker Right	111
6-00/6-020	6	Diamond Knife	41	18-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

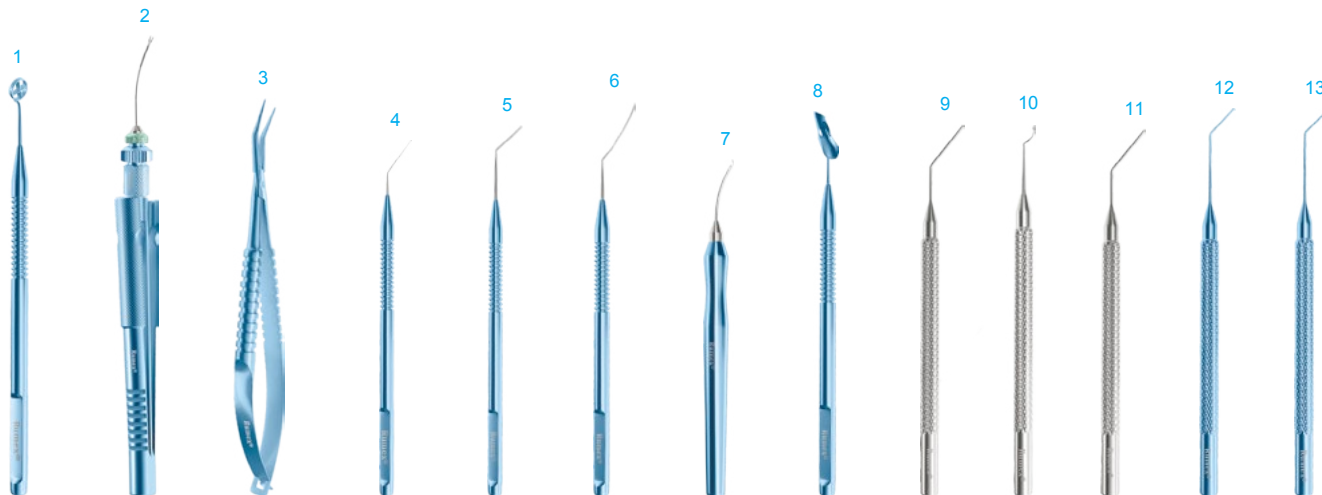
* not shown



Reference	Key	Description	Page	Reference	Key	Description	Page
3-140T	1	Corneal Transplant Marker	36	11-024S	15	Castroviejo Corneal Section Scissors, Right	45
4-0814T	2	Pollack Corneal Transplantation Fixation Forceps	59	11-0241S*	16	Castroviejo Corneal Section Scissors, Left	45
4-0541T	3	Castroviejo Colibri Corneal Forceps, .12 mm 1x2 Teeth	57	11-040S	17	Westcott Curved Tenotomy Scissors	48
4-0607S	4	Bishop-Harmon Suturing Forceps, .3 mm 1x2 Teeth	65	11-044S	18	Westcott Stitch Scissors	47
4-0600T	5	Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65	13-110	19	Paton Double Ended Spatula And Spoon	74
4-0601T	6	Castroviejo Suturing Forceps, .3 mm 1x2 Teeth	65	14-022S	20	Barraquer Wire Speculum, Adult Size	32
4-090T	7	Kelman-McPherson Tying Forceps, 4 mm Platforms	66	15-051-25	21	Rycroft Anterior Chamber Cannula, 25 Ga	151
4-178S	8	McPherson Straight Tying Forceps, 7 mm Platforms	66	15-301/303	22	Silicone Bulb With Adapter	164
4-120S	9	Hartman Mosquito Forceps	64	16-081S	23	Towel Forceps	68
6-10/6-056	10	Alfonso Corneal Transplant Knife	41	16-0305*	24	Corneal Trephine Blades, 7.50 mm	112
8-031T	11	Barraquer Needle Holder, Medium	81	16-0307	25	Corneal Trephine Blades, 8.0 mm	112
8-045T	12	Barraquer Needle Holder, Extra Fine Jaws, Medium	81	18-305*	26	Plastic Sterilizing Tray, Double Level, Large	217
11-020S	13	Katzin Corneal Transplant Scissors, Left	44				
11-0201S*	14	Katzin Corneal Transplant Scissors, Right	44				

* not shown

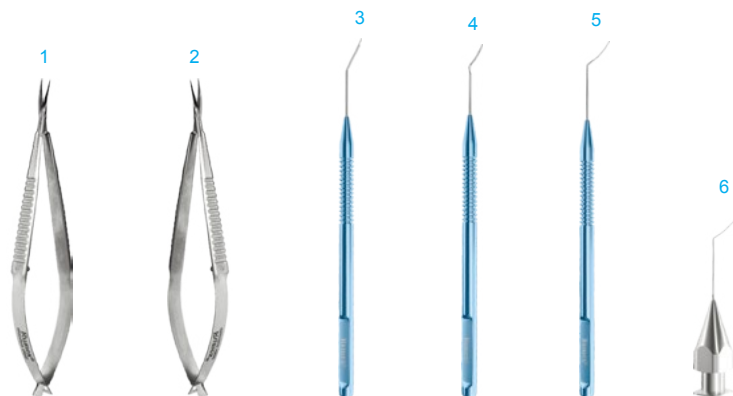
CORNEAL | 24-042 DSEK, DSAEK, DMEK SET



Reference	Key	Description
3-0218T	1	Hoffer Optical Zone Marker, 8.50mm
4-034	2	Forceps for Corneal Endothelium Implantation
4-2019T	3	Corneal Donor Insertion Forceps
5-0322	4	Reversed Sinskey Hook
13-137	5	Corneal Dissector, Straight
13-138	6	Corneal Dissector, Curved
13-139/I	7	Endothelial Stripper, Irrigating

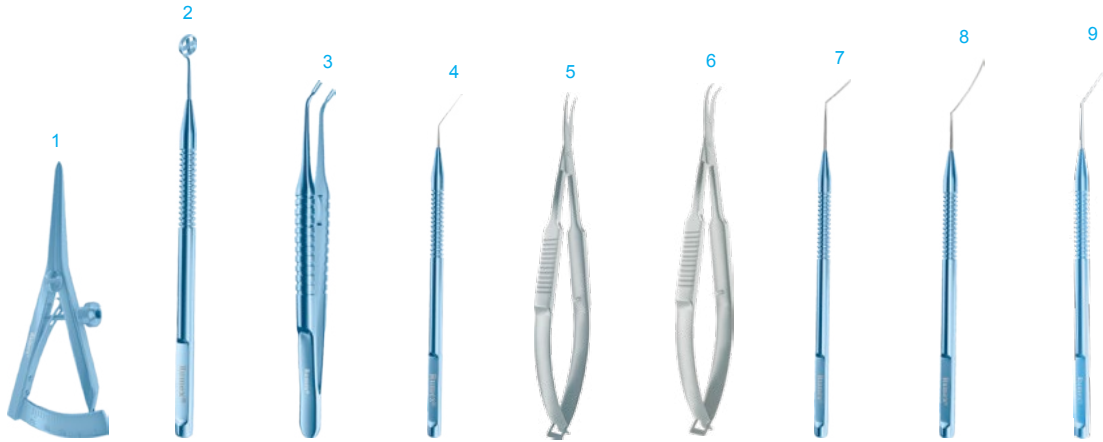
Page	Reference	Key	Description	Page
36	13-150T	8	Spatula-Guide for Corneal Endothelium Implantation	74
112	13-151S	9	Cindy Sweeper DSEK Spatula	75
112	13-152S	10	Carlson DSEK Smoother	75
69	13-153S	11	Terry DSEK Scraper	75
74	13-154T	12	Melles DSAEK PLK Scraper, Style 1	75
74	13-155T	13	Melles DSAEK PLK Scraper, Style 2	75

CORNEAL | 24-043 DALK SET

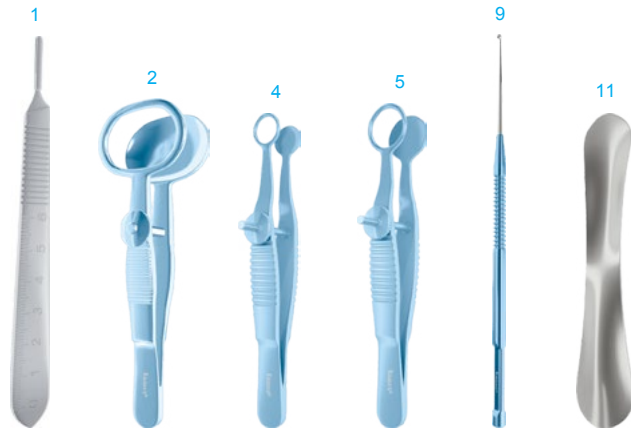


Reference	Key	Description
11-038S	1	Scissors for DALK Procedure, Right
11-0381S	2	Scissors for DALK Procedure, Left
13-170	3	Trisector for DALK Procedure

Page	Reference	Key	Description	Page
45	13-171	4	Spatula for DALK Procedure	76
45	13-172	5	Dissector for DALK Procedure	76
76	15-450-27	6	Cannula for DALK Procedure, 27 Ga	115



Reference	Key	Description	Page	Reference	Key	Description	Page
2-010T	1	Castroviejo Caliper	33	11-0361S	6	DLEK Scissors, Strong Curve	45
3-0217T	2	Hoffer Optical Zone Marker, 8.00mm	36	13-137	7	Corneal Dissector, Straight	74
4-0814T	3	Pollack Corneal Transplantation Fixation Forceps	59	13-138	8	Corneal Dissector	74
5-0322	4	Reversed Sinskey Hook	69	13-160	9	Manipulator for DLEK procedure	76
11-036S	5	DLEK Scissors, Medium Curve	45				



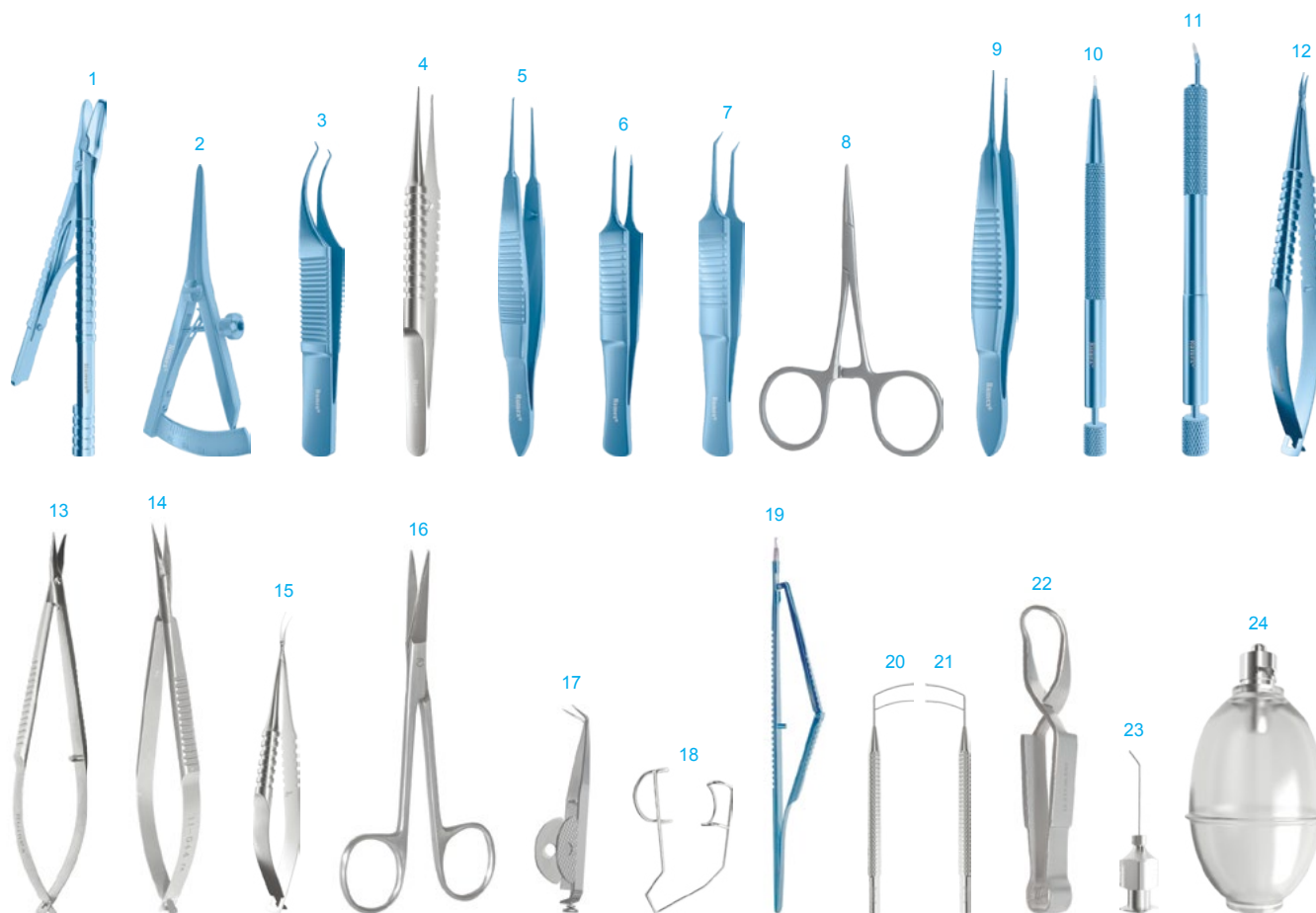
Reference	Key	Description	Page	Reference	Key	Description	Page
1-020S	1	Bard Parker Handle	40	16-063*	6	Meyerhoefer Chalazion Curette, Size 0	121
4-1906T	2	Desmarres Chalazion Forceps, Large	54	16-064*	7	Meyerhoefer Chalazion Curette, Size 1	121
4-1912T*	3	Desmarres Chalazion Forceps, Medium	54	16-065*	8	Meyerhoefer Chalazion Curette, Size 2	121
4-1908T	4	Lambert Chalazion Forceps, Small	54	16-066	9	Meyerhoefer Chalazion Curette, Size 3	121
4-1909T	5	Lambert Chalazion Forceps, Medium	54	16-067*	10	Meyerhoefer Chalazion Curette, Size 4	121
				16-50S	11	Lid plate	120
				18-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

* not shown



Reference	Key Description	Page	Reference	Key Description	Page
4-0741S	1 Adson Fixation Forceps, .5 mm 1x2 Teeth	59	14-040T	8 Lieberman Temporal Speculum	30
4-123S	2 Halsted Mosquito Forceps, Curved	64	16-060	9 Wells Enucleation Spoon	123
5-042	3 Graefe Muscle Hook, Size 2	70	16-061	10 Bunge Evisceration Spoon, Small	123
11-090S	4 Curved Enucleation Scissors, Short	49	16-062*	11 Bunge Evisceration Spoon, Large	123
11-091S*	5 Curved Enucleation Scissors, Long	49	18-304*	12 Plastic Sterilizing Tray, Single Level, Large	217
11-100S	6 Knapp Straight Strabismus Scissors	47			
11-101S*	7 Knapp Curved Strabismus Scissors	47			

* not shown



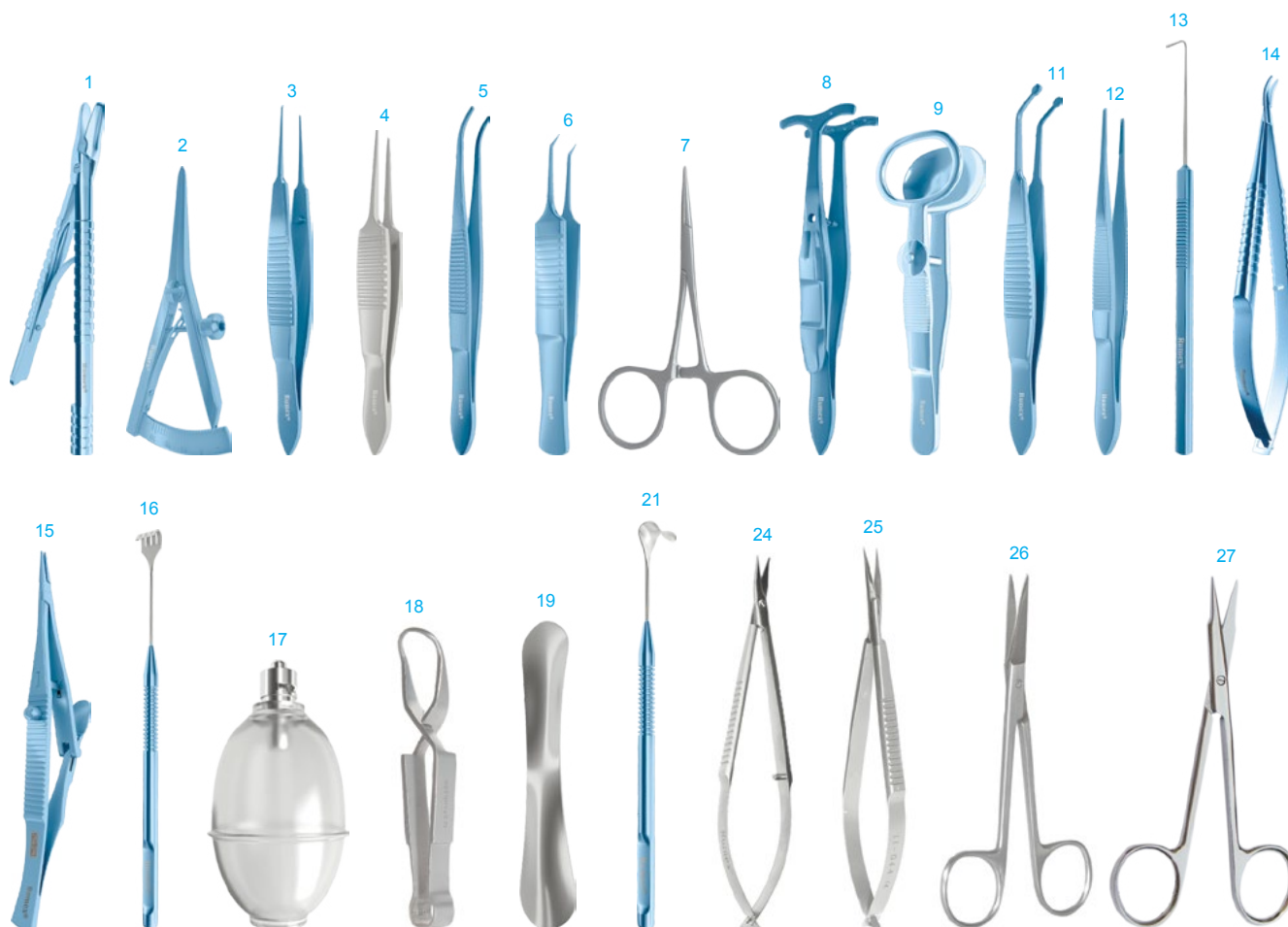
Reference	Key Description	Page	Reference	Key Description	Page
1-010T	1 Blade Holder	40	11-044S	14 Westcott Stitch Scissors	47
2-010T	2 Castroviejo Caliper	33	11-062S	15 McPherson-Vannas Curved Iris Scissors	46
4-050T	3 Colibri Corneal Forceps, .12mm, 1x2 Teeth	56	11-080S	16 Iris Scissors, Straight	46
4-070S	4 Dressing Forceps With Delicate Serrations	58	11-1223	17 Barraquer Iris Scissors	46
4-0600T	5 Castroviejo Suturing Forceps, .12mm 1x2 Teeth	65	14-022S	18 Barraquer Wire Speculum, Adult Size	32
4-171T	6 McPherson Straight Tying Forceps	66	16-011	19 Kelly Descemet's Membrane Punch, .75mm Diameter	116
4-090T	7 Kelman-McPherson Tying Forceps	66	16-012S	20 Harms Trabeculotome, Left	116
4-120S	8 Hartman Mosquito Forceps, Straight	64	16-013S	21 Harms Trabeculotome, Right	116
4-2301T	9 Fechtner Conjunctiva Forceps	54	16-080S	22 Schaedel Towel Clamp	68
6-10/6-050	10 45 Degree Single Edge Blade/Straight Handle	41	15-051-27	23 Rycroft Anterior Chamber Cannula, 27Ga	151
6-20/6-092	11 2.0mm Round Crescent Knife/Angled Handle	42	15-301/303	24 Silicone Bulb With Adapter	164
8-045T	12 Barraquer Needle Holder, Extra Fine Jaws	81	18-305*	25 Plastic Sterilizing Tray, Double Level, Large	217
11-040S	13 Westcott Curved Tenotomy Scissors	48			

* not shown



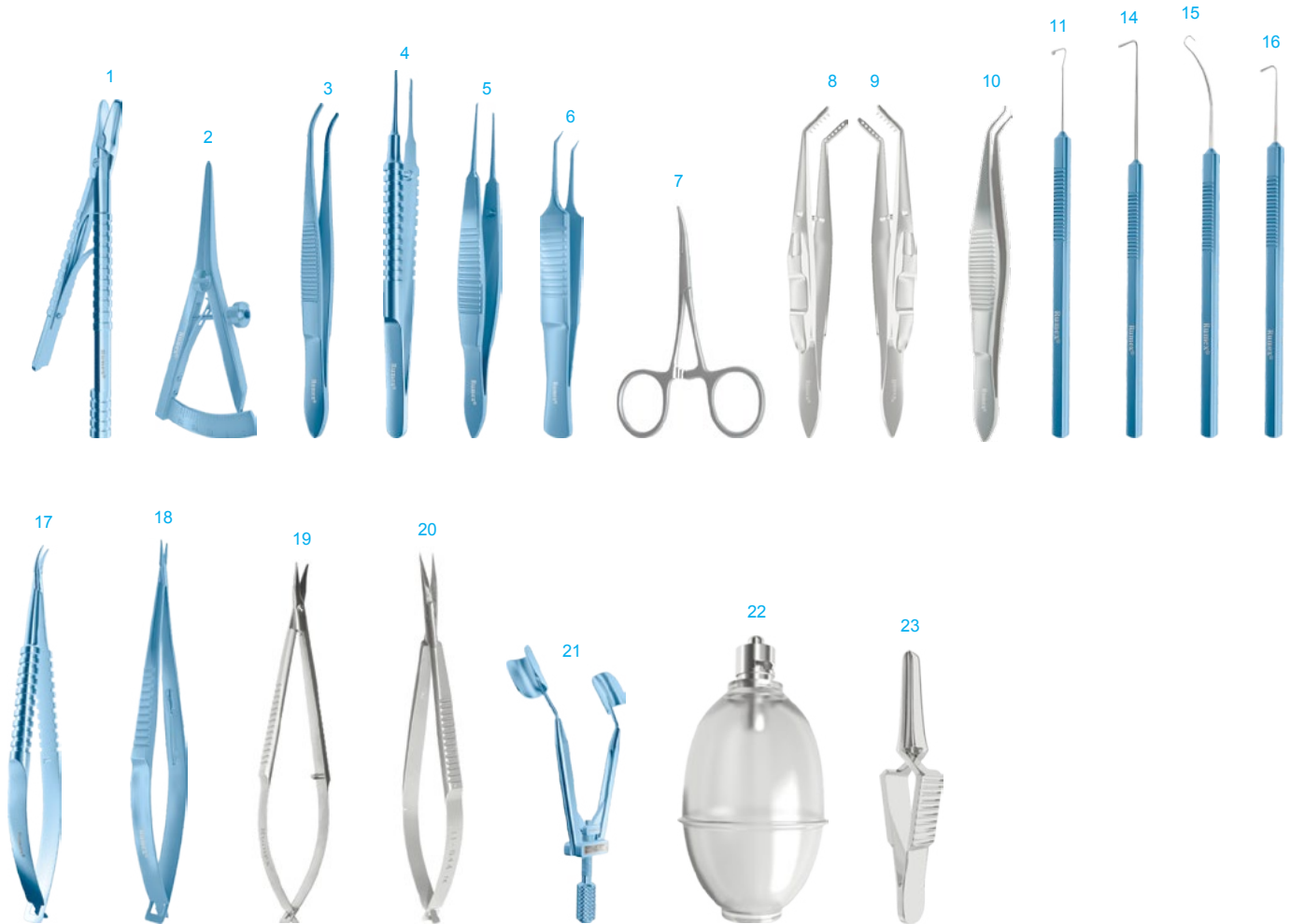
Reference	Key Description	Page	Reference	Key Description	Page
1-010T	1 Blade Holder	40	10-013	19 Stevenson Lacrimal Sac Retractor	86
4-071S	2 Dressing Forceps, 12 mm Serrated Tips	58	10-014	20 Knapp Lacrimal Sac Retractor	86
4-2300T	3 Bonaccolto Utility Forceps	67	11-080S	21 Straight Iris Scissors	46
4-0601T	4 Castroviejo Suturing Forceps, .3 mm 1x2 Teeth	65	11-125S	22 Westcott Type Stitch Scissors	47
4-122S	5 Halsted Mosquito Forceps, Straight	64	11-132S	23 Stevens Scissors, Curved	48
8-031T	6 Barraquer Needle Holder, Medium	81	15-032	24 Shahinian Lacrimal Cannula, 25 Ga	161
9-010S	7 Bowman Lacrimal Probe, Size 0000-000	84	15-029	25 Lacrimal Cannula, Reinforced, Curved	161
9-011S*	8 Bowman Lacrimal Probe, Size 00-0	84	15-031	26 Lacrimal Cannula (Bailey)Lacrimal Cannula	161
9-012S*	9 Bowman Lacrimal Probe, Size 1-2	84	15-033	27 (Fasanella)	161
9-013S*	10 Bowman Lacrimal Probe, Size 3-4	84	15-301/303	28 Silicone Bulb With Adapter	164
9-014S*	11 Bowman Lacrimal Probe, Size 5-6	84	16-081S	29 Towel Forceps	68
9-015S*	12 Bowman Lacrimal Probe, Size 7-8	84	16-127	30 Nasal speculum, adult size	119
9-021S	13 Quickert Lacrimal Intubation Probe, Size 0	84	16-135	31 Surgical Mallet, Polished Finish	119
9-031	14 Pigtail Lacrimal Probe	84	16-136	32 Kerrison Rongeur, Size 0	119
9-050T	15 Wilder Lacrimal Dilator, Size 1	84	16-138	33 Belz Lacrimal Sac Rongeur	119
9-051T*	16 Wilder Lacrimal Dilator, Size 2	84	18-305*	34 Plastic Sterilizing Tray, Double Level, Large	217
9-052T*	17 Wilder Lacrimal Dilator, Size 3	84	21-R7011	35 DCR Set – Straight 4.5 cm	180
9-060T	18 Castroviejo Double-Ended Lacrimal Dilator, Size 1 & 2	84			

* not shown



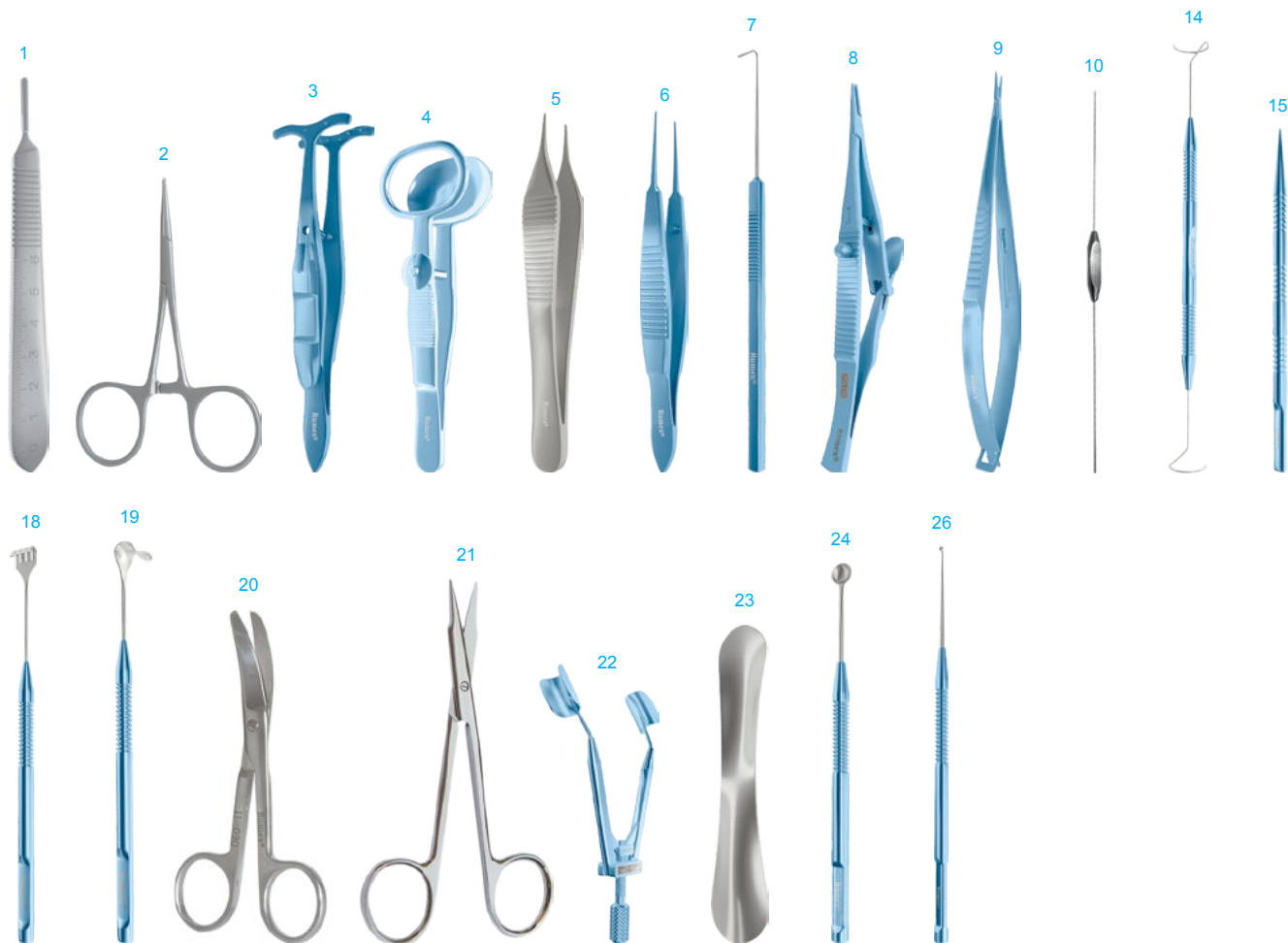
Reference	Key Description	Page	Reference	Key Description	Page
1-010T	1 Blade Holder	40	8-080T	15 Kalt Needle Holder	82
2-010T	2 Castroviejo Caliper	33	10-014	16 Knapp Lacrimal Sac Retractor	86
4-0601T	3 Castroviejo Suturing Forceps, .3mm 1x2 Teeth	65	15-301/303	17 Silicone Bulb With Adapter	164
4-0607S	4 Bishop-Harmon Suturing Forceps, .3mm 1x2 Teeth	65	16-080S	18 Schaedel Towel Clamp	68
4-072T	5 Dressing Forceps With 12mm Serrated Tips	58	16-50S	19 Lid Plate, Stainless Steel	120
4-090T	6 Kelman-McPherson Tying Forceps	66	10-020*	20 Desmarres Lid Retractor, Size 0	86
4-120S	7 Hartman Mosquito Forceps, Straight, Short	64	10-021	21 Desmarres Lid Retractor, Size 1	86
4-140T	8 Putterman Type Lid Clamp	54	10-022*	22 Desmarres Lid Retractor, Size 2	86
4-1906T	9 Desmarres Chalazion Forceps, Large	54	10-023*	23 Desmarres Lid Retractor, Size 3	86
4-1912T*	10 Desmarres Chalazion Forceps, Medium	54	11-040S	24 Westcott Tenotomy Scissors, Blunt Tips	48
4-1913T	11 Compressing Lid Forceps (MGD), Curved, Titanium	55	11-044S	25 Westcott Stitch Scissors, Sharp Tips	47
4-2300T	12 Bonaccolto Utility Forceps	67	11-080S	26 Straight Iris Scissors	46
5-042	13 Graefe Muscle Hook, Size 2	70	11-133S	27 Stevens Tenotomy Scissors, Straight	48
8-031T	14 Barraquer Needle Holder, Medium	81	18-305*	28 Plastic Sterilizing Tray, Double Level, Large	217

* not shown



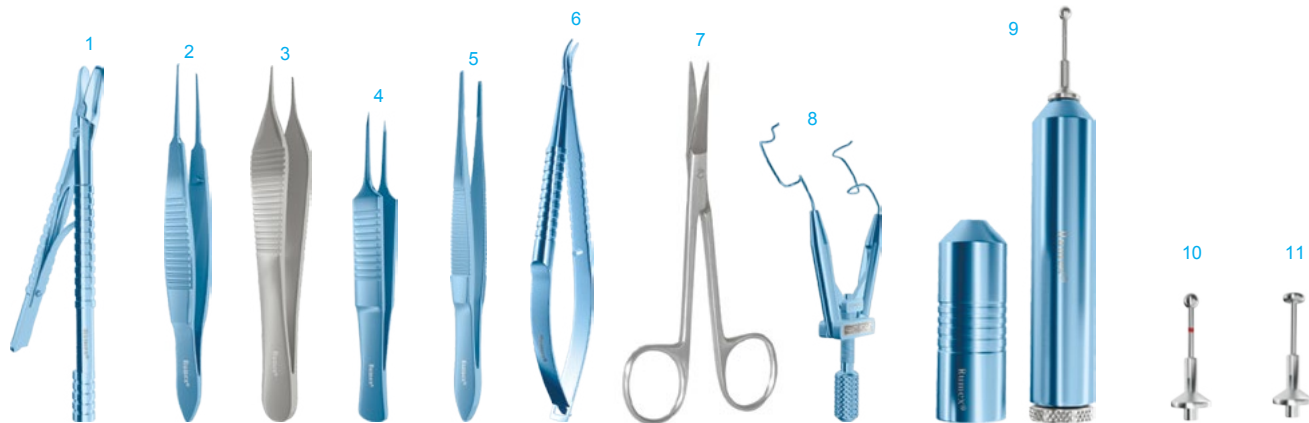
Reference	Key Description	Page	Reference	Key Description	Page
1-020S	1 Bard Parker Handle	40	5-041*	13 Graefe Muscle Hook, Size 1	70
2-010T	2 Castroviejo Caliper	33	5-042	14 Graefe Muscle Hook, Size 2	70
4-072T	3 Dressing Forceps With 12mm Serrated Tips	58	5-061	15 Scobee Oblique Muscle Hook, Curved	71
4-0551T	4 Corneal Forceps, Bonn-Catalano Type	57	5-062	16 Stevens Curved Tenotomy Hook	71
4-0602T	5 Castroviejo Suture Forceps, .5mm 1x2 Teeth	65	8-090T	17 Barraquer Needle Holder, curved, w/lock	82
4-090T	6 Kelman-McPherson Tying Forceps	66	8-0921T	18 Castroviejo Needle Holder, straight, w/lock	82
4-121S	7 Hartman Mosquito Forceps, Curved, Short	64	11-040S	19 Westcott Tenotomy Scissors, Blunt Tips, 13mm Blades	48
4-130S	8 Jameson Muscle Forceps, Left	64	11-044S	20 Westcott Stitch Scissors, Sharp Tips, 16mm Blades	47
4-131S	9 Jameson Muscle Forceps, Right	64	14-0601T	21 Kershner Reversible Solid Blade Speculum	29
4-136S	10 Osher Superior Rectus Forceps	64	15-301/303	22 Silicone Bulb With Adapter	164
5-040	11 Jameson Muscle Hook, 2.0mm Bulbous Tip	70	16-090S	23 Serrefine, Straight	64
5-0401*	12 Jameson Muscle Hook, 1.5mm Bulbous Tip	70	18-305*	24 Plastic Sterilizing Tray, Double Level, Large	217

* not shown



Reference	Key Description	Page	Reference	Key Description	Page
1-020S	1 Bard Parker Handle	40	9-050T	15 Wilder Lacrimal Dilator, Size 1	84
4-120S	2 Hartman Mosquito Forceps, Straight, Short	64	9-051T*	16 Wilder Lacrimal Dilator, Size 2	84
4-140T	3 Putterman Type Lid Clamp	54	9-052T*	17 Wilder Lacrimal Dilator, Size 3	84
4-1906T	4 Desmarres Chalazion Forceps, Large	54	10-014	18 Knapp Lacrimal Sac Retractor	86
4-0741S	5 Adson Fixation Forceps, .5mm 1x2 Teeth	59	10-022	19 Desmarres Lid Retractor, Size 2	86
4-0822T	6 Castroviejo Fixation Forceps, .5mm 1x2 Teeth	59	11-090S	20 Curved Enucleation Scissors, Short	49
5-042	7 Graefe Muscle Hook, Size 2	70	11-133S	21 Stevens Tenotomy Scissors, Straight	48
8-080T	8 Kalt Needle Holder	82	14-0601T	22 Kershner Reversible Solid Blade Speculum	29
8-0921T	9 Castroviejo Needle Holder, straight, w/lock	82	16-50S	23 Lid Plate, Stainless Steel	120
9-012S	10 Bowman Lacrimal Probe, Size 1-2	84	16-061	24 Bunge Evisceration Spoon, Small	123
9-013S*	11 Bowman Lacrimal Probe, Size 3-4	84	16-062*	25 Bunge Evisceration Spoon, Large	123
9-014S*	12 Bowman Lacrimal Probe, Size 5-6	84	16-066	26 Meyerhoefer Chalazion Curette, Size 3	121
9-015S*	13 Bowman Lacrimal Probe, Size 7-8	84	18-305*	27 Plastic Sterilizing Tray, Double Level, Large	217
9-031	14 Pigtail Lacrimal Probe	84			

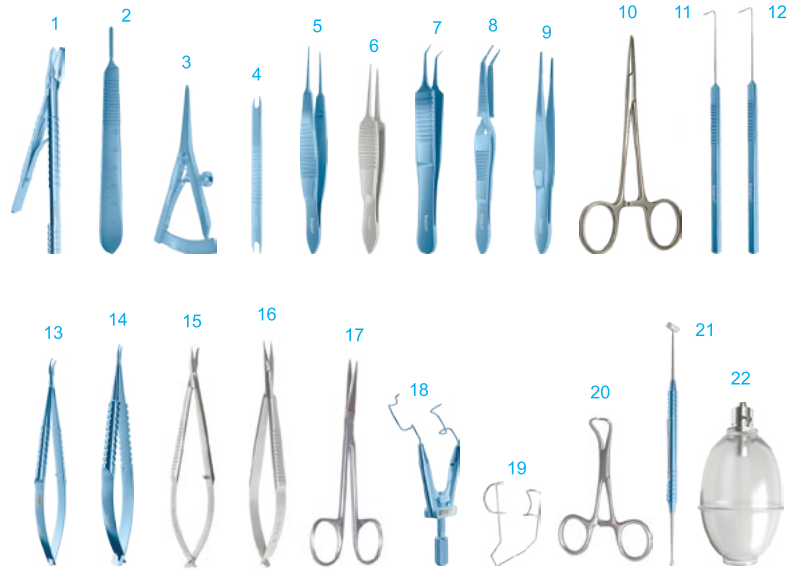
* not shown



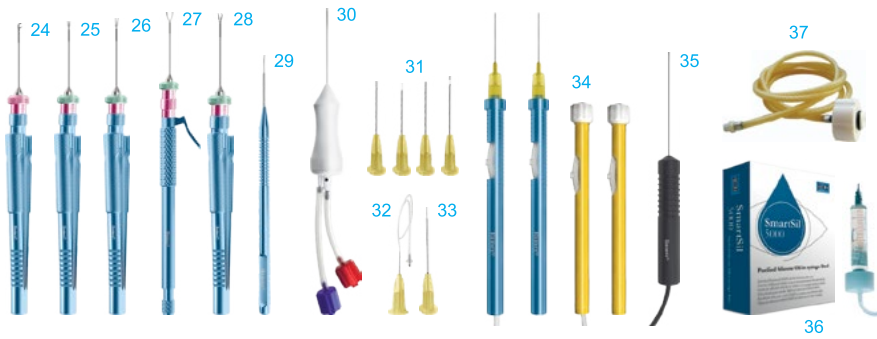
Reference	Key	Description
1-010T	1	Blade Holder
4-0600T	2	Castroviejo Suturing Forceps, .12mm 1x2 Teeth
4-0741S	3	Adson Fixation Forceps, .5mm 1x2 Teeth
4-171T	4	McPherson Straight Tying Forceps
4-2300T	5	Bonaccolto Conjunctiva Forceps
8-031T	6	Barraquer Needle Holder, Curved
11-080S	7	Straight Iris Scissors

Page	Reference	Key	Description	Page
40	14-040T	8	Lieberman Temporal Speculum	30
65	16-051-2.5	9	Power Handle with 2.5 mm Diamond Dusted Burr Round Shaped	117
59	16-051-3.5B	10	Diamond Dusted Burr 3.5 mm Diameter Round Shaped	117
66	16-052-5.0B	11	Diamond Dusted Burr 5.0 mm Diameter Disk Shaped	117
67	18-304*	12	Plastic Sterilizing Tray, Single Level, Large	217
81				
46				

* not shown



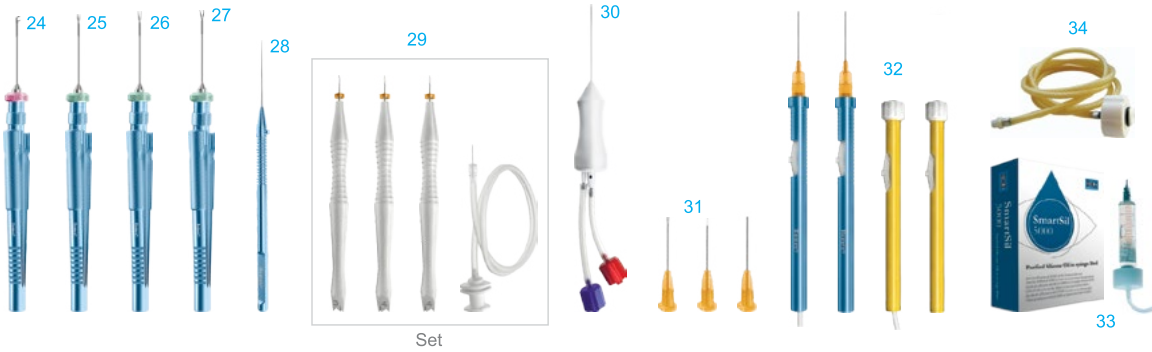
20 Ga



23 Ga



25 Ga



12-141 VITREORETINAL SET 20 Ga

CATEGORY	Reference (can be replaced with)	Key	Description
Blade holders	1-020S 1-010T	1 2	Blade Holder Bard Parker Handle
Calipers	2-010T 2-100T (2-100S / 2-101T)	3 4	Castroviejo Caliper Braunstein Fixed Caliper
Forceps	4-0600T / 4-0601T 4-0607S 4-091S (4-092T / 4-074T / 4-075T) 4-2201T 4-2300T 4-122S (4-123S)	5 6 7 8 9 10	Castroviejo Suturing Forceps Bishop-Harmon Suturing Forceps Tying Forceps Spreading Forceps Utility Forceps Mosquito Forceps
Hooks	5-042 5-060	11 12	Muscle Hook Retinal Detachment Hook
Needle holders	8-011T (8-025T / 8-031T) 8-045T (8-051T / 8-061T)	13 14	Barraquer Needle Holder Barraquer Needle Holder, extra fine jaws
Scissors	11-040S (11-042S) 11-044S (11-046S / 11-047S)	15 16	Westcott Tenotomy Scissors Westcott Stitch Scissors
Speculums	11-100S (11-101S) 14-040T 14-022S (14-023S)	17 18 19	Knapp Strabismus Scissors Lieberman Temporal Speculum Barraquer Wire Speculum
Other	16-081S 16-111 15-301/303 18-304	20 21 22 23*	Towel Forceps Scleral Depressor Silicone Bulb With Adapter Plastic Sterilization Tray (single level)
Sterilization trays	(18-305) (18-307)	* Not shown	Plastic Sterilization Tray (double level) Mini Sterilization Tray with Silicone Mat
Handles (to be adjusted to a tip)	12-003T (12-001T)	-	Vitreoretinal Instrument Handle (squeeze model) Vitreoretinal Instrument Handle (one finger control)
Scissors	12-202 (12-209) (12-2020)	24	Vertical Scissors, 70 Degrees Curved Subretinal Scissors (Curvature Radius 12 mm) Claus Lucke Retinotomy Scissors with Bulbous Tip
Forceps, Epiretinal	12-301 (12-3044) (12-304) (12-401) (12-402)	25	Diamondized Straight Gripping Forceps Lucke Multipurpose Forceps Crocodile Gripping Forceps End Gripping Forceps With Micro Jaws ILM "Nail" End Gripping Forceps
Forceps, ILM	12-410 (12-411)	26	Eckardt End Gripping Forceps Tano Asymmetrical End-Gripping Forceps
Forceps for foreign bodies	12-335 (12-313) (12-321)	27	Stolyarenko Forceps For Large Foreign Body Forceps With Cup Jaws Spring Gripping Forceps
Forceps, Pick	12-325	28	Pick Forceps
Spatulas & Picks	13-084 (13-092)	29	Membrane Spatula 2.5 mm Membrane Scratcher
Trocars	-	-	-
Vitreotomy Cutters	12-5101 (12-5068)	30	Anterior Vitrectomy Cutter, B&L®: Stellaris, Millenium, Premiere, Protégé, 25psi Anterior Vitrectomy Cutter HIGH SPEED Alcon® : Legacy, Universal, 20psi
Cannulas, Aspirating	12-5017 (12-5063) (12-5151) (12-5193)	31	Brush Tip Cannula Soft Tip Cannula Charles Flute Cannula Diamond Dusted Soft Tip Cannula
Cannulas, Infusion	12-5116	32	Self-Retaining Infusion Cannula, 4.0mm
Cannulas, PFC	12-5191 12-6000	33 34	Dual Bore PFC Cannula Titanium Backflush Handle, Reusable - Active
Backflush Handles	(12-6010) 12-5196 12-5197	- - -	Titanium Backflush Handle, Reusable - Passive Disposable Backflush Instrument – Active Disposable Backflush Instrument – Passive
Fiber Optic Probes	12-5072 (12-5076)	35	Fiber Optic Probe – Alcon® Fiber Optic Probe- B&L®
Silicone Oil*	SmartSil 5000	36	Purified Silicone Oil for retinal endotamponade, 5000 cSt, 10 ml in a 20 ml syringe
not available in the US	(SmartSil 1000)	-	Purified Silicone Oil for retinal endotamponade, 1000 cSt, 10 ml in a 20 ml syringe
Infusion Systems	12-RTUB-1 / 12-RTUB-2 / 12-RTUB-3 / 12-RTUB-4	37	Reusable Tubing System for the Infusion of Silicone Oil

12-142 VITREORETINAL SET 23 Ga

CATEGORY	Reference (can be replaced with)	Key	Description
UNIVERSAL INSTRUMENTS (REUSABLE)			
Blade holders	1-020S 1-010T	1 2	Blade Holder Bard Parker Handle
Calipers	2-010T 2-100T (2-100S / 2-101T) 4-0600T / 4-0601T 4-0607S	3 4 5 6	Castroviejo Caliper Braunstein Fixed Caliper Castroviejo Suturing Forceps Bishop-Harmon Suturing Forceps
Forceps	4-091S (4-092T / 4-074T / 4-075T) 4-2201T 4-2300T 4-122S (4-123S)	7 8 9 10	Tying Forceps Spreading Forceps Utility Forceps Mosquito Forceps
Hooks	5-042 5-060	11 12	Muscle Hook Retinal Detachment Hook
Needle holders	8-011T (8-025T / 8-031T) 8-045T (8-051T / 8-061T)	13 14	Barraquer Needle Holder Barraquer Needle Holder, extra fine jaws
Scissors	11-040S (11-042S) 11-044S (11-046S / 11-047S) 11-100S (11-101S)	15 16 17	Westcott Tenotomy Scissors Westcott Stitch Scissors Knapp Strabismus Scissors
Speculums	14-040T 14-022S (14-023S) 16-081S	18 19 20	Lieberman Temporal Speculum Barraquer Wire Speculum Towel Forceps
Other	16-111 15-301/303 18-304	21 22 23*	Scleral Depressor Silicone Bulb With Adapter Plastic Sterilization Tray (single level)
Sterilization trays	(18-305) (18-307)	* Not shown	Plastic Sterilization Tray (double level) Mini Sterilization Tray with Silicone Mat
VITREORETINAL INSTRUMENTS (REUSABLE)			
Handles (to be adjusted to a tip)	12-003T (12-001T)	-	Vitreoretinal Instrument Handle (squeeze model) Vitreoretinal Instrument Handle (one finger control)
Scissors	12-202-23 (12-209-23)	24	Vertical Scissors, 70 Degrees Curved Subretinal Scissors
Forceps, Epiretinal	12-301-23 (12-304-23) (12-4012) (12-402 -23)	- - - -	- Diamonized Straight Gripping Forceps Crocodile Gripping Forceps End Gripping Forceps With Micro Jaws ILM "Nail" End Gripping Forceps
Forceps, ILM	12-410-23 (12-411-23) (12-420-23)	26 - -	Eckardt End Gripping Forceps Tano Asymmetrical End-Gripping Forceps End-grasping Forceps
Forceps for foreign bodies	12-321-23	27	Spring Gripping Forceps
Forceps, Pick	(12-325-23)	28	Pick Forceps
Spatulas & Picks	13-097-23	29	Delicate Membrane Pick
VITREORETINAL PRODUCTS (DISPOSABLE)			
Trocars	12-5229 (12-5173-1)	30	Disposable One Step Trocar System Reusable Two Step Trocar System with closure valves
Vitrectomy Cutters	12-5171 (12-5172)	31	Vitrectomy Cutter, B&L: Millenium, Premiere-750 cpm, 25psi Vitrectomy Cutter HIGH SPEED, Alcon® Accurus- 2500 cpm, 30psi
Cannulas, Aspirating	12-5162 (12-5161) (12-5164) (12-5192)	32	Brush Tip Cannula Soft Tip Cannula Charles Flute Cannula Diamond Dusted Soft Tip Cannula
Cannulas, Infusion Cannulas, PFC	12-5144 12-5203 12-6000	33 34 35	Self-Retaining Infusion Cannula, 4.0mm Dual Bore PFC Cannula Titanium Backflush Handle, Reusable - Active
Backflush Handles	(12-6010) (12-5196) (12-5197)	- - -	Titanium Backflush Handle, Reusable - Passive Disposable Backflush Instrument – Active Disposable Backflush Instrument – Passive
Fiber Optic Probes	12-5177 (12-5179)	36	Fiber Optic Probe-Alcon® Accurus Fiber Optic Probe-B&L®
SILICONE OIL			
Silicone Oil* not available in the US	SmartSil 5000 (SmartSil 1000)	37	Purified Silicone Oil for retinal endotamponade, 5000 cSt, 10 ml in a 20 ml syringe Purified Silicone Oil for retinal endotamponade, 1000 cSt, 10 ml in a 20 ml syringe
Infusion Systems	12-RTUB-1 / 12-RTUB-2 / 12-RTUB-3 / 12-RTUB-5	38	Reusable Tubing System for the Infusion of Silicone Oil

12-143 VITREORETINAL SET 25 Ga

CATEGORY	Reference (can be replaced with)	Key	Description
Blade holders	1-020S	1	Blade Holder
	1-010T	2	Bard Parker Handle
Calipers	2-010T	3	Castroviejo Caliper
	2-100T (2-100S / 2-101T)	4	Braunstein Fixed Caliper
	4-0600T / 4-0601T	5	Castroviejo Suturing Forceps
	4-0607S	6	Bishop-Harmon Suturing Forceps
Forceps	4-091S (4-092T / 4-074T / 4-075T)	7	Tying Forceps
	4-2201T	8	Spreading Forceps
	4-2300T	9	Utility Forceps
	4-122S (4-123S)	10	Mosquito Forceps
Hooks	5-042	11	Muscle Hook
	5-060	12	Retinal Detachment Hook
Needle holders	8-011T (8-025T / 8-031T)	13	Barraquer Needle Holder
	8-045T (8-051T / 8-061T)	14	Barraquer Needle Holder, extra fine jaws
Scissors	11-040S (11-042S)	15	Westcott Tenotomy Scissors
	11-044S (11-046S / 11-047S)	16	Westcott Stitch Scissors
	11-100S (11-101S)	17	Knapp Strabismus Scissors
Speculums	14-040T	18	Liberman Temporal Speculum
	14-022S (14-023S)	19	Barraquer Wire Speculum
Other	16-081S	20	Towel Forceps
	16-111	21	Scleral Depressor
	15-301/303	22	Silicone Bulb With Adapter
	18-304	23*	Plastic Sterilization Tray (single level)
Sterilization trays	(18-305)	* Not shown	Plastic Sterilization Tray (double level)
	(18-307)		Mini Sterilization Tray with Silicone Mat
Handles (to be adjusted to a tip)	12-003T	-	Vitreoretinal Instrument Handle (squeeze model)
	(12-001T)	-	Vitreoretinal Instrument Handle (one finger control)
Scissors	12-2029	24	Vertical Scissors, 45 Degrees
	(12-2099)	-	Curved Vitreoretinal Scissors
		-	-
	12-3019	25	Diamonized Straight Gripping Forceps, Long Size
Forceps, Epiretinal	(12-304-25)	-	Crocodile Gripping Forceps
		-	-
		-	-
		-	-
	12-410-25	26	Eckardt End Gripping Forceps
Forceps, ILM	(12-411-25)	-	Tano Asymmetrical End-Gripping Forceps
	(12-420-25)	-	End Grasping Forceps
		-	-
Forceps for foreign bodies		-	-
		-	-
Forceps, Pick	(12-3259)	27	Pick Forceps
Spatulas & Picks	13-0979	28	Delicate Membrane Pick
Trocars	12-5244	29	Disposable One Step Trocar System
		-	-
Vitrectomy Cutters	12-5140	30	Vitrectomy Cutter, B&L®, DORC® Harmony, Nidek® CV-12000, VT-5000, 25psi
	(12-5157)	-	Accurus HIGH SPEED Vitrectomy Cutter, Alcon® Accurus-2500 cpm
	12-5160	31	Brush Tip Cannula
Cannulas, Aspirating	(12-5152)	-	Soft Tip Cannula
	(12-5156)	-	Charles Flute Cannula
		-	-
Cannulas, Infusion		-	-
Cannulas, PFC		-	-
	12-6000	32	Titanium Backflush Handle, Reusable - Active
Backflush Handles	(12-6010)	-	Titanium Backflush Handle, Reusable - Passive
	(12-5196)	-	Disposable Backflush Instrument – Active
	(12-5197)	-	Disposable Backflush Instrument – Passive
Fiber Optic Probes		-	-
		-	-
Silicone Oil*	SmartSil 5000	33	Purified Silicone Oil for retinal endotamponade, 5000 cSt, 10 ml in a 20 ml syringe
not available in the US	(SmartSil 1000)	-	Purified Silicone Oil for retinal endotamponade, 1000 cSt, 10 ml in a 20 ml syringe
Infusion Systems	12-RTUB-1 / 12-RTUB-2 / 12-RTUB-3 / 12-RTUB-5	34	Reusable Tubing System for the Infusion of Silicone Oil

Sterilization and Care

View all our
sets products at
www.rumex.net

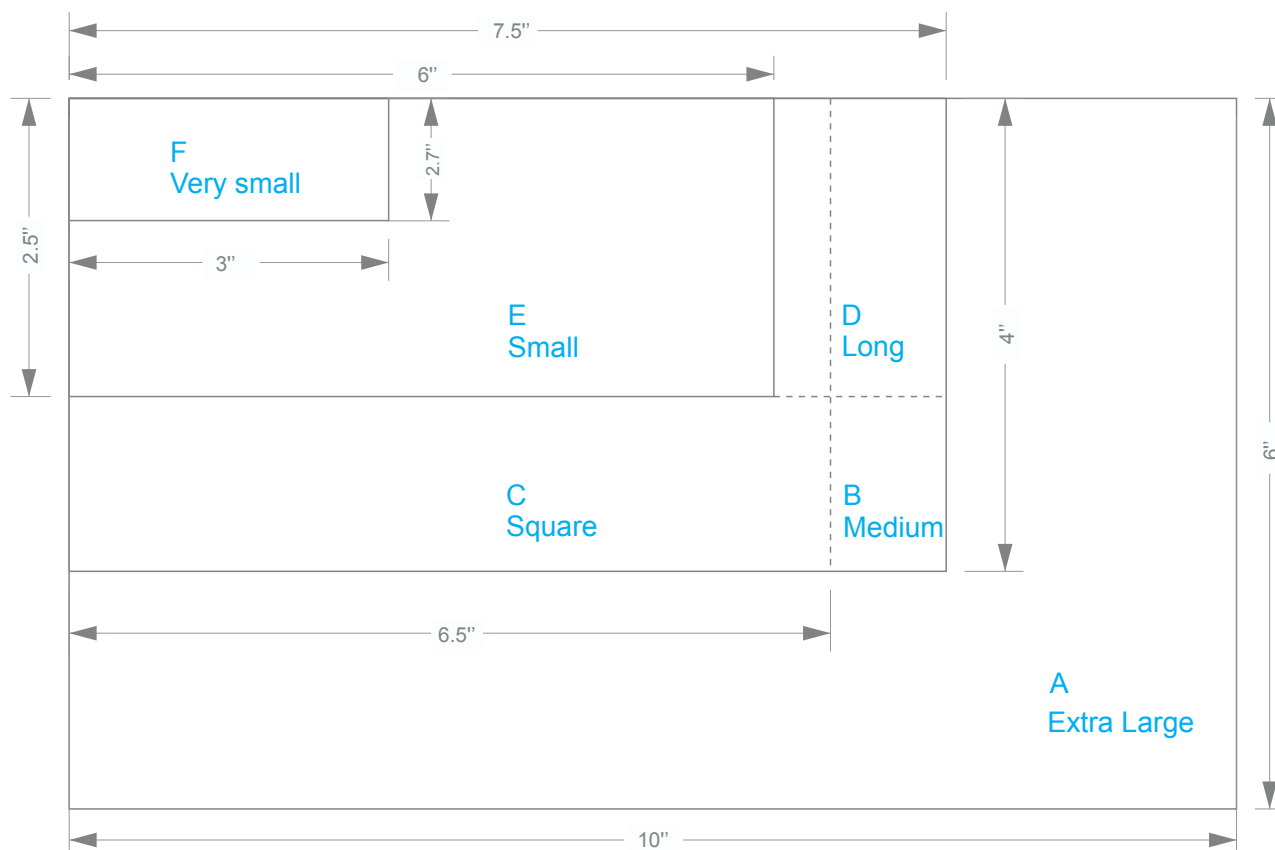


Sterilization Trays

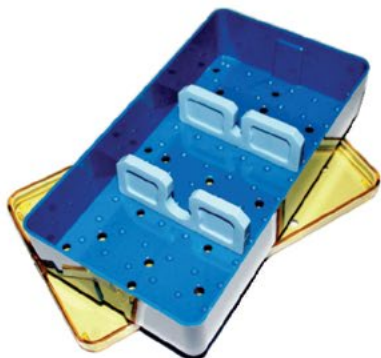
- Made of plastic
- Go with the silicone finger tip mat
- 18-301-1, 18-303-1, 18-305-1 go with special silicone plug-in inserts

Size Chart

Reference	Description	Dimensions (LxWxH)		Size	
		mm	inches		
18-300	with 1 special silicone plug-in insert	190 x 101 x 38	7.5 x 4 x 1.5'	B	-medium
18-301	with silicone finger tip mat	152 x 63.5 x 19	6 x 2.5 x 0.75'	E	-small
18-301-1	with 2 special silicone plug-in inserts	152 x 63.5 x 19	6 x 2.5 x 0.75'	E	-small
18-302	with silicone finger tip mat	165 x 101 x 19	6.5 x 4 x 0.75'	C	-square
18-303	with silicone finger tip mat	190 x 101 x 19	7.5 x 4 x 0.75'	B	-medium
18-303-1	with 4 special silicone plug-in inserts	190 x 101 x 19	7.5 x 4 x 0.75'	B	-medium
18-304	with silicone finger tip mat	254 x 152 x 19	10 x 6 x 0.75'	A	-extra large
18-305	with silicone finger tip mat two levels base and insert tray	254 x 152.4 x 38	10 x 6 x 1.5'	A	-extra large
18-305-1	with 3 special silicone plug-in inserts	254 x 152.4 x 38	10 x 6 x 1.5'	A	-extra large
18-307	for vitreoretinal/ microincision tips	68.6 x 25.4 x 38	3 x 1.5 x 1'	F	-very small
18-308	with mat	190.5 x 63.5 x 19	7.5 x 2.5 x 0.75'	D	-long



Sterilization Trays



Tray

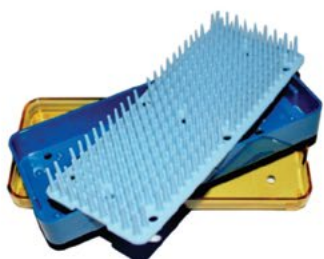
with 1 special silicone plug-in insert

190 x 101 x 38 mm

7.5 x 4 x 1.5 in

18-300

B - medium



Tray

with silicone finger tip mat

152 x 63.5 x 19 mm

6 x 2.5 x 1.5 in

18-301

E - small



Tray

with 2 special silicone plug-in inserts

152 x 63.5 x 19 mm

6 x 2.5 x 0.75 in

18-301-1

E - small



Tray

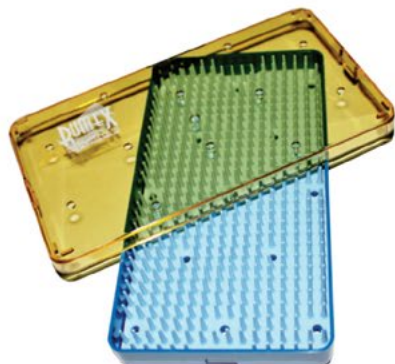
with silicone finger tip mat

165 x 101 x 19 mm

6.5 x 4 x 0.75 in

18-302

C - Square



Tray

with silicone finger tip mat

190 x 101 x 19 mm

7.5 x 4 x 0.75 in

18-303

B - medium

For 4 vitreoretinal instruments

with special silicone plug-in inserts

190 x 101 x 19 mm

7.5 x 4 x 0.75 in

18-303-1 B - medium

**Tray**

with silicone finger tip mat

254 x 152 x 19 mm

10 x 6 x 0.75 in

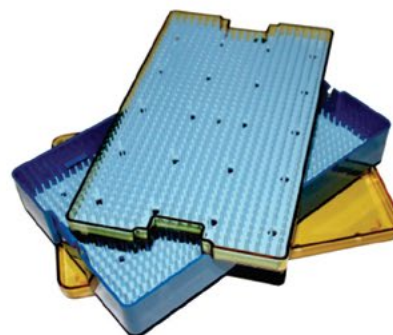
18-304 A - extra large

**Two racks tray**with silicone finger tip mat
two levels base and insert tray

254 x 152.4 x 38 mm

10 x 6 x 1.5 in

18-305 A - extra large

**For 3 phaco handpieces**

with special silicone plug-in inserts

254 x 152.4 x 38 mm

10 x 6 x 1.5 in

18-305-1 A - extra large

**For vitreoretinal / microincisional tips**

68.6 x 38 x 25.4 mm

3 x 1.5 x 1 in

18-307 F - very small

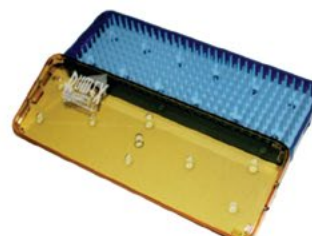
**Tray**

with mat

190.5 x 63.5 x 19 mm

7.5 x 2.5 x 0.75 in

18-308 D - long



Instructions for Use

Rumex instruments are designed in cooperation with top-of-the-notch surgeons from all over the world, and then manually crafted by highly qualified professionals under the precision microscopes and machines, and then a tungsten carbide and various covers are applied with a view to achieve the best functional characteristics possible. However, any device that is initially perfect can't remain its condition without proper handling and care. We at Rumex guarantee our instruments against manufacturing defects, and the lifespan of reusable instruments lies within proper handling and care. To help your instruments preserve its initial conditions, we strongly recommend you to read the instructions below carefully before use.

Inspection

It is essential that the instrument is inspected before use. Please conduct this inspection under a microscope or magnification lens. If a problem is detected, notify us immediately. Once the instrument is examined and accepted, it should be cleaned before placing it in the sterilizing tray.

Manual Cleaning

It is imperative to follow the next rules:

- as much moisture as possible must be eliminated from all of the instrument parts since moisture promotes corrosion of the instrument.
- only detergents and cleaners specially designed for use on surgical stainless steel or titanium instruments are acceptable for use in the cleaning process. The cleaning guidelines of the solution manufacturer and your institution should be observed.
- use a mild soap solution and with a soft brush to clean the instrument and remove any stains. Never use abrasive powders or steel wool to remove stubborn stains - these can damage the superfine finish of an instrument and can actually help cause corrosion of stainless instruments.
- use distilled or demineralized water to rinse instruments thoroughly, and then carefully dry them with a hot air blower or lint-free cloth.

Thorough cleaning immediately after use is essential for the longevity of the instrument. We recommend that the established surgical instrument cleaning procedures of your institution be followed using these instructions as a guideline.

Ultrasonic Cleaning Equipment

An ultrasonic cleaner could also be used in the instrument cleaning process, but not as the sole cleaning method. The instrument should, at the very least, be flushed with distilled water prior to being placed in the ultrasonic cleaner. A five to ten minutes cycle in the ultrasonic cleaner should be sufficient. The instrument must be secured on a silicone finger mat during the ultrasonic cleaning procedure. Special care should be taken to make certain that the tip of the instrument does not come into contact with the sides of the ultrasonic container, as this could damage the instrument.

Lubrication

Moving parts and working mechanisms of the Rumex instruments should be lubricated occasionally with a medical grade instrument lubricant (especially after an ultrasonic bath) to ensure the smooth operation of the working mechanism. The recommended directions of the instrument lubricant manufacturer and your institution should be observed.

Storage

Surgical instruments should be stored in the sterilizing trays of proper size and lined with soft silicone mats. Instruments should not touch each other. We recommend using protective tips made of soft silicone tubing of the proper size and thickness. Do not use rubber or plastic protective tips, as they can melt during autoclaving and cause damage of instruments.

Sterilization

Stainless steel and titanium instruments can be sterilized via steam autoclaving, chemical disinfectants, ethylene oxide gas, or even dry hot air. Gas and dry chemical sterilization are the best methods for stainless steel instruments, but it takes a lengthy time period to accomplish the desired result. The most practical method of sterilization is heat or steam, which require less time, however, these methods can be damaging to delicate stainless steel instruments. Please, be sure that you and the members of your staff have read and understood the instructions supplied by the manufacturer of your particular sterilizer.

Sterilization Cycles

Finally, the instrument should be sterilized prior to the next surgical procedure. Rumex instruments can be sterilized using any of the following methods:

100% ETO cycles

Concentration ETO:	850±50mg/l
Temperature:	37°C - 47°C
Exposure time:	3-4 hours
Humidity:	70% RH minimum

Steam Autoclaving

Sterilizer Type:	Gravity Displacement Prevacuum	
Sample Config.:	wrapped	wrapped
Temperature:	121°C to 123°C	132°C to 135°C
Exposure time:	15 to 30 minutes	3 to 4 minutes

'Flash' Autoclaving

Sterilizer Type:	Gravity Displacement Prevacuum	
Temperature:	unwrapped	unwrapped
Exposure time:	132°C	132°C
Humidity:	3 minutes	3 minutes

The above-mentioned sterilization cycles represent the industry standards and should be capable of producing a sterile device. Due to variations in sterilization equipment and device bioburden in clinical use, Rumex International Co. is not able to provide specific cycle parameters. It is the responsibility of each user to perform the validation and verification of the sterilization cycle to ensure an adequate sterility assurance level for our products.

At the end of a surgical day

Instruments should be washed clean of all residues, dried and inspected after each use. Be sure to inspect every microsurgical instrument at the end of your surgical day. Please conduct this inspection under a microscope or magnification lens. If a damaged instrument is detected, repair or replace it. Washing, drying and inspecting the instrument under magnification helps to ensure that the instrument is kept in proper condition for the next surgical procedure.

Diamond Knives / Instruction for Use

Application

Ophthalmic microsurgical knives with diamond blades are used for cutting and dissection of tissues during ophthalmic, microvascular, neurosurgical and plastic surgery.



Usage conditions: hospital departments of surgery and ophthalmology at ambient air temperature from + 10° to + 35°C (+50° to +95° F) and relative air humidity at most 98%.

Characteristics



Blades are made from natural diamonds. Handles are manufactured from titanium alloy. Blade size: The width of the diamond blade cutting edge must be at most 0.2 µm. Blade points must be edged. Blade blunting radius must be at most 0.2 µm. No chips (visible at 100x power magnification) on the blade cutting edge are permitted. The average life span of knives is at least 3 years (or 200 cyclic processes).

Device

Diamond knife consists of a handle and a diamond blade. The handle is fitted with the mechanism providing blade installation and its safe fixation in operative and non-operative position.



The construction of a knife can be changed in order to improve its usability.

Completed Units

Each delivery complete set must contain:

- diamond knife – 1 unit
- a label – 1 unit
- care and cleaning instruction – 1 unit

Working Order

1. General requirements. Taking into consideration the fragility of the diamond blade, each knife is required to be handled, cleaned and stored delicately. No blows or vibrations are permitted. Any contacts of the blade with other instruments or materials should be avoided.
2. Before using a knife make sure there are no chips on the cutting edge. A microscope with at least 100x power magnification should be used for the inspection.
3. When transporting diamond knives the blades must be fully hidden into the handles (non-operative position). We recommend the knives to be transported in sterilizing cases or special containers to avoid self-movement. Manufacturer provides a shipping clamp to avoid self-movement during transportation. When a knife is not used its blade must be hidden into the handle and protected from mechanical damage.

4. Please rotate the movable part of the handle clockwise and fix the blade to set the knife in operative position. The blade is to be set in the operative position during surgical operation just before the usage.

5. After the usage pull slightly the movable part of the handle downwards and rotate it counter clockwise to return the blade into the non-operative position. To avoid accidental movements of the spring please make sure the handle is fixed tightly. When a handle is fixed a slight click will be heard.

6. To install the knife with a micrometer pull the protective cap down and rotate the bottom part of the handle (with a scale) downwards – the blade will appear. Customize the depth of the blade by screwing the handle – the scale marks will indicate the chosen depth. The scale increment is 0.5 mm. Rotate the handle upwards then put on the protective cap to set the knife in the initial non-operative position.

The service life of instruments depends on delicate handling. Do not drop the instruments. The blade must never be in contact with foreign objects. The blade and moving-out spring mechanism need an extremely gentle treatment. Never disassemble the parts of a knife.

Presterilization Treatment and Sterilization

Presterilization treatment includes a number of procedures. Please remember to clean the blade and the movable part of the handle, remove blood, tissue debris and viscoelastic directly after the operation (or within 2 hours after it).

For Manual Cleaning:

- dip instruments into weak alkaline cleaning solution and keep for 60 minutes at a temperature of +22°C (+72°F);
- clean the handle of a knife (together with the movable part) with a soft brush;
- flush the instruments with flowing water for 0.5 minutes, then sluice with distilled water for other 0.5 minutes;

We recommend using a diamond knife cleaning pack (21-602-1) for gentle cleaning of the blade – the pack contains three solutions that eliminate residual debris off the blade and prepare it for sterilization.



Diamond knives can be cleaned in an automatic washer designed for micro-surgical instruments. Please follow the instruction of the manufacturer.

Do not use ultrasonic baths to wash diamond knives – the blade can be damaged.

Sterilization is achieved by means of saturated steam in a steam autoclave. Dry instruments in a drying cabinet by hot air convection at a temperature of +85°C (+185°F) until complete moisture removal. Sterilization is handled under the pressure up to 0.2 MPa at a temperature of +132°C (+270°F) for 20 minutes. The maximal temperature for sterilization is +141°C (+286°F). Make sure the blade is in the non-operative position before sterilization; self-movement must be avoided. We recommend to sterilize the knives in trays specially designed for diamond knives – silicone holders will fix them safely.

Various models of sterilizing machines are produced – please always follow the instruction provided by the manufacturer.

Storage

Diamond knives must be kept at a temperature from +10° to +35°C (+50° to +95°F) and relative air humidity at most 98%. Indoor air must not contain corrosive additive agents. The blade must be fully hidden into the handle (non-operative position); self-movement must be avoided. No blows or vibrations are permitted.

Manufacturer's Warranty

Manufacturer guarantees knives to be in accordance with the documentation when service and storage instructions are followed by the consumer.



We provide a 2 year guarantee for the moving-out spring mechanism and titanium parts. Diamond blade can be resharpened or exchanged according to the after-sale service program.

Reception Inspection



Incoming inspection is obligatory. It includes:

- visual examination of the package obtained (no mechanical damages are permitted);
- visual inspection of the knife (no mechanical damages such as cracks, chips, oxide scales etc. are permitted; all parts of the knife must be joined smoothly);

- a blade must be set into the operating/non-operating position without jamming; it must be fixed easily.

The knives you purchase are not sterile and should be sterilized before the first surgery. Please examine the blade before each operation and never use a knife in case any defect is noticed – we can always provide you with the resharpening or blade replacement.

Vitreoretinal / Microincisional Instruments

Rumex Instruments (ophthalmic scissors and forceps for vitreoretinal and microincisional surgery) are designed for various applications in ophthalmic surgery.

It is essential that the instrument should be cleaned and sterilized before initial use and after each surgery following as outlined in this instruction brochure.

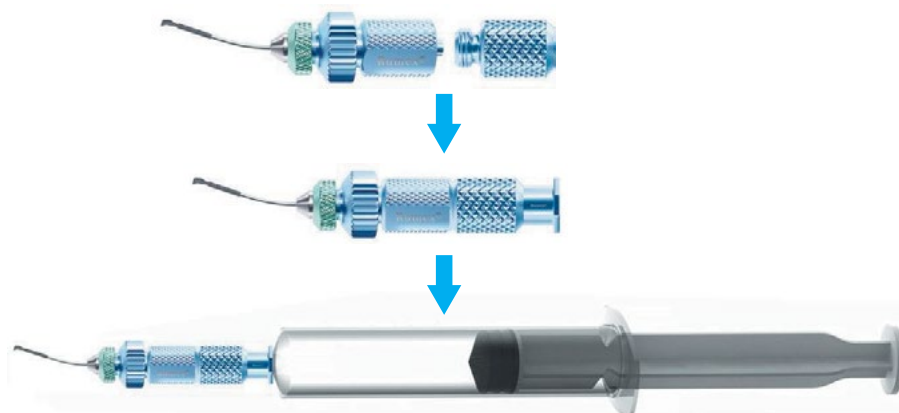
Care and handling

Intraocular tips have a delicate precision mechanism inside. Intraocular fluids will enter this mechanism during surgery. If these fluids are not promptly and properly cleaned out, it will lead to corrosion or clogs and the possibility of instrument malfunction. Proteins may also accumulate inside of the mechanism.

Make sure the cleaning procedure is implemented after each surgery - warranty shall not extend to instruments that have not been handled in the proper way.

Cleaning

1. Unscrew the tip from the handle, then attach flushing adapter 12-000T:
2. Flush the tip with distilled or deionized water by connecting syringe filled with water to adapter:



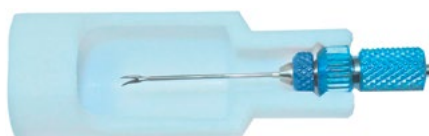
3. Flush the tip with alcohol. This will remove the water and facilitate drying.
4. Dry the tip by forcing one or two syringes full of air through tip. Pressurized air is recommended, as it flushes out debris and fluid more efficiently than syringe forced air. Thoroughly dry handle, tip and cup.
5. Force special thermoresistant instrument milk through the tip, as in No 2 above.
6. Dry with air as in No 4 above.
7. Handle should be soaked in distilled or deionized water for two minutes.
8. Dry with surgical sponge.
9. Lubricate joints in handle with instrument milk and work the mechanism by pressing the key.

Instrument detergents and/or cleaners

Only detergents and cleaners specially designed for use on surgical stainless steel or titanium instruments are acceptable for use in the cleaning process. The cleaning guidelines of the solution manufacturer and your institution should be observed.

Ultrasonic cleaning equipment

An ultrasonic cleaner could also be used in the instrument cleaning process, but not as the sole cleaning method. The instrument should, at the very least, be flushed with distilled water prior to being placed in the ultrasonic cleaner. A five to ten minutes cycle in the ultrasonic cleaner should be sufficient. The instrument must be secured on a silicone finger mat during the ultrasonic cleaning procedure. Special care should be taken to make certain that the tip of the instrument does not come into contact with the sides of the ultrasonic container, as this could damage the instrument.

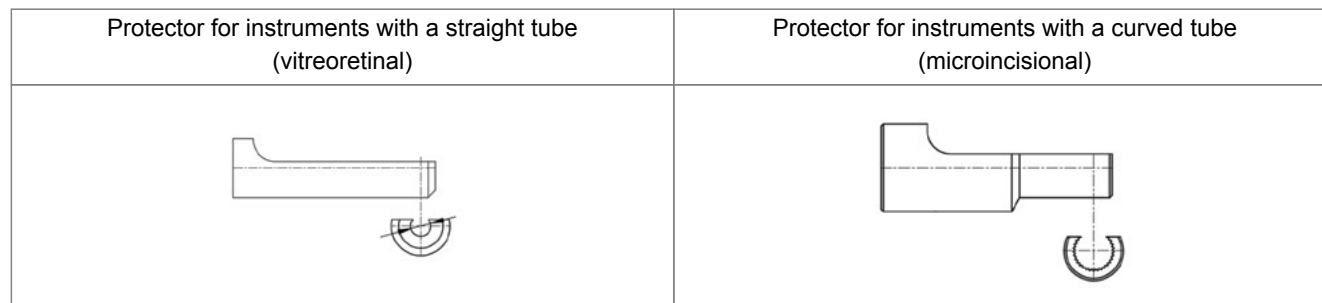


Lubrication

Moving parts and working mechanisms of Rumex instruments should be lubricated occasionally with a medical grade instrument lubricant (especially after an ultrasonic bath) to ensure the smooth operation of the working mechanism. The recommended directions of the instrument lubricant manufacturer should be observed.

Storage

Surgical instruments should be stored in the sterilizing trays of proper size lined with soft silicone mats. Instruments should not touch each other. We recommend using safety protectors made of teflon, which is autoclavable. Rumex International Co designed two models of safety protectors. The schemes below illustrate the way to fix a tip in a protector.



Sterilization

Stainless steel and titanium instruments can be sterilized via steam autoclaving, chemical disinfectants, ethylene oxide gas, or even dry hot air. Gas and dry chemical sterilization are the best methods for stainless steel instruments, but they take a lengthy time period to accomplish the desired result. The most practical method of sterilization is heat or steam, which require less time, however, these methods can be damaging to delicate stainless steel instruments. Please be sure that you and the members of your staff have read and understood the instructions supplied by the manufacturer of your particular sterilizer.

Sterilization cycles

Finally, the instrument should be sterilized prior to the next surgical procedure. Rumex instruments can be sterilized using any of the following methods:

100% ETO cycles:

Concentration ETO: 850±50mg/l

Temperature: 37°C - 47°C

Exposure time: 3-4 hours

Humidity: 70% RH minimum

Steam Autoclaving:

'Flash' Autoclaving:

Sterilizer Type:	Gravity Displacement	Prevacuum	Gravity Displacement	Prevacuum
Sample Config.:	wrapped	wrapped	unwrapped	unwrapped
Temperature:	121°C to 123°C	132°C to 135°C	132°C	132°C
Exposure time:	15 to 30 minutes	3 to 4 minutes	3 minutes	3 minutes

The above-mentioned sterilization cycles represent the industry standards and should be capable of producing a sterile device. Due to variations in sterilization equipment and device bioburden in clinical use, Rumex International is not able to provide specific cycle parameters. It is the responsibility of each user to perform the validation and verification of the sterilization cycle to ensure an adequate sterility assurance level for Rumex products.

Inspection

Be sure to inspect every microsurgical instrument at the end of your surgical day. Please conduct this inspection under a microscope or magnification lens. If a damaged instrument is detected, repair or replace it.

Alphabetical Index

Accuject	13, 100	Beehler Pupil Dilator	85
Acrylic Lens Insertion Forceps	60	Belz Lacrimal Sac Rongeur	119
Active Reservoir for Backflush Instrument	144	Bicalto Guide	79, 111
Adapter	22, 125	Bimanual Irrigation-Aspiration	97, 98
Adler Wound Gauge	33	Binkhorst Cannula, 25 Ga	175
Adson Fixation Forceps	59	Binkhorst I/A Tip	97
Akahoshi Cannula, 27 Ga x 7/8 in. (.40x22 mm)	172	Bishop Harmon Cannula, 19 Ga x 1 in. (1.10x25 mm)	168
Akahoshi Forceps For Acrylic Lens	60	Bishop Harmon Cannula, 19 Ga x 25 mm	151
Akahoshi Hybrid Combo Prechopper	91	Bishop-Harmon Suturing Forceps	65
Alger Brush Diamond Dusted Burr	117	Blade Holder	40
Alger Brush Pterygium Instrument	117	Blumenthal Cannula, 25 Ga	157
Alger Brush Replacement Burr	117	Bonaccolto Utility Forceps	67
Alger Brush Rust Ring Remover	117	Bonn Corneal Forceps	58
Anel Cannula, 23 Ga, 25 Ga	161	Bonn-Catalano Type Corneal Forceps	57
Anel Cannula, 25 Ga, Straight, Long tip	181	Bores Axis Marker	34, 35, 107
Angled 45° I/A Tip	97	Bowman Lacrimal Probe	84, 118
Angled 90° I/A Tip	97	Bracken Cannula, 19Ga	151
Angled Cystotome Cannula, 27 Ga x 5/8 in. (.40x16 mm)	170	Braunstein Caliper	33
Angled Horizontal Vitreoretinal Scissors	127	Brush Tip Cannula	145
Angled MVR Blade, 23Ga	137	BRVO Knife, 20Ga	131
Anis Cannula, 23 Ga	154	BRVO Knife, 23Ga	131
Anterior/Posterior Capsule Polisher	95	Bunge Evisceration Spoon	123
AquaFree Aspheric	11	Buratto Cannula, 25 Ga	162
AquaFree Aspheric Yellow	11	Buratto LASIK Irrigation Cannula 25G, 45° angled triport	104
AquaFree Preloaded	12	Cannula for DALK Procedure, 27 Ga	115, 163
Aspiration Handpiece For Bimanual Technique	98	Capsule Polisher Cannula, 21 Ga, 23 Ga	177
Atkinson Cannula	153	Capsulorrhexis Cystotome Cannula, 25 Ga, 27 Ga, 30 Ga	169
Atkinson Cannula, 23 Ga, 25 Ga, 27 Ga	166	Capsulorrhexis Forceps With Ruler, 23Ga	24, 52
Atkinson Cannula, 27 Ga x 7/8 in. (.40x22 mm)	167	Capsulorrhexis Forceps, Inamura Style	21, 51
Avci Foreign Body Forceps, 17 Ga	130	Carlson DSEK Smoother	75, 113
Axe Quick Chopper	95	Cartridge Loading Forceps for inserting IOL into cartridges	60, 99
Backflush Active Aspiration	144	Cartridge Loading Forceps for phakic IOLs (ICL)	62, 109
Backflush Passive Aspiration	144	Castrovejo Corneal Scissors	44
Bailey Cannula, 23 Ga	161	Castroviejo Caliper	33
Banaji Cannula, 25 Ga, 27 Ga	162	Castroviejo Colibri Corneal Forceps	57
Banaji LASIK Irrigation Cannula, 25G	104	Castroviejo Curved Corneal Scissors	44
Bard Parker Handle	40	Castroviejo Cyclodialysis Spatula	72
Barraquer Iris Scissors	46	Castroviejo Double-Ended Lacrimal Dilator	84, 118
Barraquer Needle Holder, Long Size	80, 82	Castroviejo Fixation Forceps	59
Barraquer Needle Holder, Medium Size	80	Castroviejo Needle Holder	82
Barraquer Needle Holder, Small Size	80	Castroviejo Speculum	29
Barraquer Wire Speculum	32		
Bechert Nucleus Rotator	70		

Castroviejo Suturing Forceps	65	De Juan Diamond Dusted Pick Forceps, 20Ga	130
Catalano Corneal Forceps	57	Delicate Membrane Pick, 23Ga	131
Catalano Tying Forceps	67	Delicate Membrane Pick, 25Ga	131
Cellulose Spears and Points	16	Delicate Membrane Pick, 27Ga	131
Chandelier Cannula with illumination, 20Ga	147	Desmarres Chalazion Forceps	54, 121
Chandelier Cannula, 20 Ga	189	Desmarres Lid Retractor	86, 120
Chang Cannula, 25 Ga, 27 Ga, 30 Ga	172	Diamond Dusted Soft Tip Cannula	145
Chang Cannula, 27 Ga x 16mm	157	Diamond Dusted Soft Tip Cannula, 20 Ga, 23 Ga	187
Charles Flute Cannula	145	Diamond Knife Cleaning Block	17
Charles Flute Cannula, 20 Ga, 23 Ga, 25 Ga	187	Diamonized Angled Vitreoretinal Gripping Forceps, 20Ga	130
Charleux Cannula, 23 Ga x 1/2 in. (.60 x 12.5 mm)	175	Diamonized Gripping Vitreoretinal Forceps, 20Ga	128
Cilia Forceps	54	Diamonized Gripping Vitreoretinal Forceps, 23Ga	128, 132
Cindy Sweeper DSEK Spatula	75, 113	Diamonized Gripping Vitreoretinal Forceps, 25Ga, Long Size	128, 134
Claus Lucke Retinotomy Scissors with Bulbous Tip, 20Ga	127	Disposable Anterior Vitrectomy Cutter	141
Clayman-Vannnas Swan Neck Scissors	49	Disposable Backflush Handle	144
Closure valve for 23Ga Cannula	137	Disposable Infusion Cannula 20Ga	146
Coaxial Angled ICL Loading Forceps, 20 Ga	25, 62, 109	Disposable Infusion Cannula 20Ga, 4.0mm, 5 per box	146
Coaxial Irrigation-Aspiration	97	Disposable Infusion Cannula 20Ga, 6.0mm, 5 per box	146
Coaxial Needle Holder For IOL Suturing	27, 83	Disposable Iris Retractors	85
Colibri Corneal Forceps	56, 57	Disposable Irrigation Sleeve for Vitrectomy Cutters	143
Colibri Corneal Micro Forceps	56	Disposable Marking Pen	106
Colibri-Bonn Corneal Forceps	56, 57	Disposable One Step Trocar System	138
Compressing Lid Forceps	55, 120	Disposable Posterior Vitrectomy Cutter	142
Corneal Dissector	74, 113	Disposable Posterior Vitrectomy Cutter, HIGH SPEED	143
Corneal Donor Insertion Forceps	112	Disposable Scleral plugs	137
Corneal Light Shield	17	Disposable Silicone Oil Infusion Cannula 20Ga, 6.0mm, 5 per box	146
Corneal Transplant Marker	36	Disposable Trocar Cannula Set, 23Ga	137
Corneal Trepine Blades	112	Dissector for DALK Procedure	76, 115
Corydon Cannula, 25 Ga, 27 Ga	174	DLEK Scissors	45, 115
Crawford Cannula, 23 Ga	180	Double Ended Orbital Globe Retractor-Elevator	86
Crocodile Vitreoretinal Gripping Forceps, 20Ga	128	Dressing Forceps	58
Crocodile Vitreoretinal Gripping Forceps, 23Ga	128, 132	Drews Cannula, 25 Ga	154
Crocodile Vitreoretinal Gripping Forceps, 25Ga	128, 134	Drysdale Nucleus Manipulator	93
Curved Subretinal Scissors	127, 132	Dual Bore BSS Injection Needle 0.1mm / 41 Ga tip	147
Curved Vitreoretinal Scissors	127, 134	Dual Bore BSS Injection Needle, 41 Ga	186
DALK Scissors	45, 114	Dual Bore PFC Cannula, 20 Ga	147, 186
Davis Foreign Body Spud	77, 88	Dual Bore PFC Cannula, 23 Ga	147, 186
Daya Cannula, 23 Ga x 7/8 in. (.60x22mm)	182	Eaton Cannula, 20 Ga/30 Ga	185
Daya Cannula, 25 Ga x 7/8 in. (.50x22mm)	173	Eckardt End-Gripping Forceps, 20Ga	129
DCR Set, 20 Ga, Angled	180	Eckardt End-Gripping Forceps, 23Ga	129, 132
DCR Set, 20 Ga, Straight	180		

Eckardt End-Gripping Forceps, 25Ga	129, 134	Forceps, Corneal Donor Insertion	112
Eckardt End-Gripping Forceps, 27Ga	129, 135	Forceps, Corneal Transplant	59, 110
Electric Eye Cautery	87	Forceps, Dressing	58
Elevator for ICSR Implantation	79, 111	Forceps, Fine-Ikeda Capsulorrhexis, 23Ga	24, 53
End Grasping Forceps, 23Ga	129, 133	Forceps, Fixation	59, 110
End Grasping Forceps, 25Ga	129, 134	Forceps, Foldable Lens Removal, 20 Ga	26, 61
End Grasping Forceps, 27Ga	129	Forceps, Halsted Hemostatic	64
End Grasping Forceps, Expanded Space between Branches, 23Ga	129, 133	Forceps, Hartman Hemostatic Mosquito	64
End Grasping Forceps, Prolongated Branches, Designed for Myopic Eyes, 23Ga	129, 133	Forceps, ICL Loading, 20 Ga	25, 62, 109
Endothelial Stripper	74, 113	Forceps, Ikeda Micro Capsulorrhexis, 23Ga	25, 53
Engels Cannula, 27 Ga x 22mm	155	Forceps, IOL Grasping, 21 Ga	25, 62
Engels Cannula, 27 Ga x 7/8 in. (.40x22mm)	177	Forceps, Iris	63
Enucleation Scissors	49	Forceps, Jewelers	63
Ernest Nucleus Cracker	90	Forceps, Kawai Capsulorrhexis, 23/25Ga	23, 53
Eye Drains, 400 cc, 10/box	17	Forceps, Kershner One-Pinch Capsulorrhexis, 23Ga	24
Eye Drains, 80 cc, 20/box	17	Forceps, LASIK Flap	55, 103
Fasanella Cannula, 23 Ga	161, 181	Forceps, Lens Insertion	60
Faulkner Lens Holding Forceps	60	Forceps, Lesieur Capsulorrhexis, 23Ga	23, 52
Feaster Cannula, 25 Ga	157	Forceps, Lid Compressing	55, 120
Fechtner Conjunctiva Forceps	54	Forceps, Microcoaxial Capsulorrhexis	21, 51
FemtoLASIK Flap Spatula	78, 106	Forceps, Muscle	64, 122
Fenzl Hook	70	Forceps, Nevyas Capsulorrhexis	51
Fiber Optic adapter	148	Forceps, Sleeve Spreading Watzke Type	67
Fine End-Gripping Forceps, 25Ga	128, 134	Forceps, Subretinal, 20Ga	130
Fine/Thornton Fixation Ring	87	Forceps, Suturing	65
Fine-Ikeda Capsulorrhexis Forceps, 23Ga	24, 53	Forceps, Tying	66, 67
Fixation Plate, 23Ga	136	Forceps, Tying Intraocular, 23Ga	25, 67
Flexible Tip Polisher Cannula, 23 Ga, 27 Ga	155	Forceps, Utility	67
Flieringa Rings	87	Forceps, Utrata Capsulorrhexis	50, 51
Flynn Scleral Depressor	88	Forceps, Vitreoretinal, "Nail" End Gripping	128, 132
Foldable Lens Removing Forceps	61	Forceps, Vitreoretinal, Angled, Diamonized Gripping, 20Ga	130
Forceps for Corneal Endothelium Implantation	112	Forceps, Vitreoretinal, Crocodile Gripping, 20Ga	128
Forceps for ICSR Implantation	111	Forceps, Vitreoretinal, Crocodile Gripping, 23Ga	128, 132
Forceps Towel	68	Forceps, Vitreoretinal, Crocodile Gripping, 25Ga	128, 134
Forceps, Capsulorrhexis With Ruler, 23Ga	24, 52	Forceps, Vitreoretinal, De Juan Diamond Dusted Pick, 20Ga	130
Forceps, Capsulorrhexis, Inamura Style	21, 51	Forceps, Vitreoretinal, Diamonized Gripping, 20Ga	128
Forceps, Cartridge Loading	60, 99	Forceps, Vitreoretinal, Diamonized Gripping, 23Ga	128, 132
Forceps, Cartridge Loading, for phakic IOLs (ICL)	62, 109	Forceps, Vitreoretinal, Diamonized Gripping, 25Ga, Long Size	128, 134
Forceps, Chalazion	54, 121	Forceps, Vitreoretinal, Eckardt End-Gripping, 20Ga	129
Forceps, Cilia	54		
Forceps, Conjunctiva	54		
Forceps, Corneal	56, 57, 58		

Forceps, Vitreoretinal, Eckardt End-Gripping, 23Ga	129, 132	Glaucoma Valte Introducer Needle, 26 Ga/ 23 Ga	163
Forceps, Vitreoretinal, Eckardt End-Gripping, 25Ga	129, 134	Graefe Muscle Hook	70, 122
Forceps, Vitreoretinal, Eckardt End-Gripping, 27Ga	129, 135	Graether Cannula, 23 Ga	156
Forceps, Vitreoretinal, End Grasping, 23Ga	129, 133	Grizzard Cannula, .30x4 mm tip/ .50x4 mm tip	185
Forceps, Vitreoretinal, End Grasping, 25Ga	129, 134	Gulani Cannula, 25 Ga	183
Forceps, Vitreoretinal, End Grasping, 27Ga	129	Halsted Hemostatic Forceps	64
Forceps, Vitreoretinal, End Grasping, Expanded Space between Branches	129, 133	Harms Trabeculotome	116
Forceps, Vitreoretinal, End Grasping, Prolongated Branches, Designed for Myopic Eyes, 23Ga	129, 133	Hartman Hemostatic Mosquito Forceps	64
Forceps, Vitreoretinal, End Gripping	128, 132	He Phaco Chopper	94
Forceps, Vitreoretinal, Fine End-Gripping	128, 134	Healon Cannula, 19 Ga, 21 Ga, 22 Ga	158
Forceps, Vitreoretinal, Foreign Body	130	Hersh Cannula, 23 Ga x 7/8 in. (.60x22mm)	182
Forceps, Vitreoretinal, Kawai ILM, 25Ga	129	Hockey Epitelium Removal Knife	77, 103
Forceps, Vitreoretinal, Lucke Multipurpose, 20Ga	128	Hoffer Optical Zone Marker	36
Forceps, Vitreoretinal, Pick, 20Ga	130	Holz Capsule Polisher	96
Forceps, Vitreoretinal, Pick, 23Ga	130, 132	Hook For Muscle, Graefe	70, 122
Forceps, Vitreoretinal, Pick, 25Ga	130, 134	Hook For Muscle, Jameson	70, 122
Forceps, Vitreoretinal, Spring Gripping, 20Ga	130	Hook For Muscle, Scobee Oblique	71, 122
Forceps, Vitreoretinal, Spring Gripping, 23Ga	130, 133	Hook For Tenotomy, Stevens	71, 123
Forceps, Vitreoretinal, Tanaka Maculorhexis, 23Ga	129	Hook, Fenzl	70
Forceps, Vitreoretinal, Tano Asymmetrical End-Gripping, 20Ga	129	Hook, Kuglen Iris	70
Forceps, Vitreoretinal, Tano Asymmetrical End-Gripping, 23Ga	129, 133	Hook, Lewicky	69
Forceps, Vitreoretinal, Tano Asymmetrical End-Gripping, 25Ga	129, 134	Hook, Reversed Sinskey	70, 112
Forceps, Vitreoretinal, With Cup Jaws, 20Ga	130	Hook, Sinskey	70
Fukasaku Small Pupil Snapper Hook And Chopper	93	Horizontal Vitreoretinal Scissors, 55 Degrees, Medium 1.7 mm Blades, 20Ga	127
Gass Retinal Detachment Hook	71	Hoskin Type Colibri Forceps	56
Gauges for Micro Incisions	33	Hydro-4 Aspheric	11
Gills Cannula, 23/23 Ga	159	Hydrodissector Cannula, 27 Ga, 30 Ga	172, 173
Gills Cannula, 25 Ga	158	Hydro-Sense Aspheric	11
Gills-Vannas Capsulotomy Scissors	49	ICSR, Bicalto Guide	79, 111
Gills-Welsh Cannula, 25/23 Ga	159	ICSR, Elevator	79, 111
Gimbel Cannula, 25 Ga	162	ICSR, Forceps	111
Gimler Fountain LASIK Cannula, 25Ga	104	ICSR, Optical Zone Marker	110
Girard Cannula, 23 Ga	152	ICSR, Suarez Spreader	79, 111
Glaser Cannula, 20 Ga/25 Ga	185	Ikeda Micro Capsulorrhexis Forceps, 23Ga	25, 53
Glaser Cannula, 20 Ga/33 Ga	184	Illuminated Infusion Cannula, 18 Ga	189
Glaucoma Revision Pick, 27 Ga	163	Inamura Eagle Prechopper	91
		Infusion Cannula with illumination, 18Ga	147
		Infusion Cannula, 20 Ga	188
		Infusion Cannula, Reusable	146
		Ing's Needle Holder/Scissors	83
		Injector For Capsular Ring	99
		Instrument Cannula Inserter, 23Ga	136
		Instrument Wipe	17
		Intraocular Manipulator With Ball Tip	93

Intraocular Needle Holder, 23Ga	27, 83	Knapp Lacrimal Sac Retractor	86, 119
Intraocular Tying Forceps, 23Ga	67	Knapp Strabismus Scissors	47
Intraocular Tying Forceps, 23Ga, Tip Only	25	Knife Alfonso Corneal Transplant	41
IOL Grasping Forceps, 21 Ga	25, 62	Knife Angled Phaco, Clear Cornea Blade	42
IOL Injector	99	Knife Angled Phaco, Round Crescent Blade	42
IOL Removal Cutter	61	Knife Angled Phaco, Trapezoid Self-Diving Blade	42
IOL Removal Forceps	61	Knife Astigmatic Keratotomy	41
IOL Removal Forceps, 20 Ga	26, 61	Knife Cleaning Pack	43
IOL Removal Scissors, 19 Ga	26, 61	Knife for LRI	43, 107
IOL Scissors, Osher	61	Knife for MICS, Trapezoid Self-Diving Blade	21, 42
Iris Forceps	63	Knife Universal Straight Side Port	41
Iris Retractors	19	Knife Zaldivar Universal for MICS, ICL	42
Iris Scissors	46	Knolle Cannula, 23 Ga, 30 Ga	152
Iris Spatula	72	Knolle-Pearse Cannula, 23 Ga	154
Irrigating Cannula, 20 Ga, 23 Ga, 25 Ga, 30 Ga	151	Kratz Cannula, 21 Ga, 23 Ga	155, 177
Irrigating Cystotome Cannula, 23 Ga x 5/8 in. (.60x16 mm)	170	Kuglen Iris Hook	70
Irrigating Cystotome Cannula, 25 Ga, 27 Ga, 30 Ga	169, 170, 171	Lacrimal Cannula, 21 Ga	181
Irrigation Handpiece For Bimanual Technique	97	Lacrimal Cannula, 23 Ga	181
Irrigation-Aspiration Handpiece For Coaxial Technique	97	Lacrimal Cannula, 26 Ga	181
J Cannula Cannula, 23 Ga, 27 Ga	175	Lacrimal Intubation Set, 23 Ga	179
J Hydrodissector, 25 Ga, 27 Ga	173	Lacrimal Intubation Set, 23 Ga, with Retrieval Device	180
Jameson Muscle Forceps	64, 122	Lacrimal Intubation Set, 27 Ga	180
Jameson Muscle Hook	70, 122	Lacrimal Intubation Set, 27 Ga, with Retrieval Device	180
Jaymce Cannula, 20 Ga	152	Lacrimal Intubation Tubing	179
Jensen Cannula, 25 Ga, 27 Ga	155, 178	Lambert Cannula, Curved	184
Jewelers Forceps	63	Lambert Chalazion Forceps	54, 121
Joyce Cannula, 25 Ga, 27 Ga	171	Landers Cannula, 20 Ga	184
J-Shaped Cannula, 23/23 Ga	160	LASEK Detaching Spatula	78, 105
Kalt Needle Holder	82	LASEK Epithelial Micro Hoe	78, 105
Kansas-Alfonso Nucleus Fragment Removing Forceps	90	LASEK Funnel	105
Katzin Corneal Transplant Scissors	44	LASEK Knife	78, 105
Kawai Capsulorrhexis Forceps, 23/25Ga	23, 53	LASEK Trepine	105
Kawai ILM Forceps, 25Ga	129	Lasik Drains 40x14x10.5 mm, 20/box	17
Kellan Cannula, 27 Ga x 7/8 in. (.40x22 mm)	173	Lasik Drains 42x17x11.5 mm, 20/box	17
Kelly Descemet's Membrane Punch	116	LASIK Flap Forceps	55, 103
Kelman Cannula, 25 Ga	154	LASIK Flap Marker	37, 102
Kelman-McPherson Tying Forceps	66	Lasik Irrigator Cannula, 23 Ga, 27 Ga	182, 183
Kerrison Rogeur	119	Lasik Shields, 4 mm d.8mm, 20/box	17
Kershner One-Pinch Capsulorrhexis Forceps, 23Ga	24, 52	Lasik Shields, 8 mm d.6mm, 20/box	17
Kershner Reversible Speculum	29	Lasik Shields, 9 mm d.7mm, 20/box	17
Kershner Reversible Speculum with Aspiration	28	LASIK Spatula And Flap Retreatment Instrument	77, 103
		Lavery LASIK Marker	37, 102
		Lens Manipulator	70
		Lesieur Capsulorrhexis Forceps , 23Ga	23, 52

Lesieur Hydrochopper, 20 Ga	96	MICS Forceps, IOL Grasping, 21 Ga	25, 62
Lewicky Cannula, 20 Ga	168	MICS Forceps, Kawai Capsulorrhexis, 23/25Ga	23, 53
Lewicky Cannula, 30 Ga	152	MICS Forceps, Lesieur Capsulorrhexis, 23Ga	23, 52
Lewicky Hook	69	MICS Kershner One-Pinch Capsulorrhexis Forceps, 23Ga	24, 52
Lid Clamp, Putterman Type Lid	54, 120	MICS Scissors, Side Port Capsulotomy, 20Ga	26, 49
Lid Plate	120	MICS Scissors, Zaldivar Iridectomy, 23Ga	26, 46
Lieberman Nasal Speculum	31	Modified Microfinger Phaco Chopper & Quick Chopper	94
Lieberman Nasal Speculum For LASIK	31, 101	Moorfields Suturing Forceps	65
Lieberman Nasal Speculum For LASIK with Aspiration	28, 101	Nagahara Phaco Chopper	92
Lieberman Nasal Speculum with Aspiration	28	Nagahara Phaco Chopper&Drysdale Nucleus Manipulator	92
Lieberman Temporal Speculum	30	Nasal Speculum	119
Lieberman Temporal Speculum For LASIK	30, 101	Naviject	13
Lieberman Temporal Speculum For LASIK with Aspiration	28, 101	Needle Holder, Barraquer, Long Size	80, 82
Lieberman Temporal Speculum with Aspiration	28	Needle Holder, Barraquer, Medium Size	80
Lindstorm Cannula, 25 Ga	183	Needle Holder, Barraquer, Small Size	80
Lindstrom LASIK/PRK Spatula And Epithelium Removal Board	77, 103	Needle Holder, Castroviejo	82
Loading Forceps, 23Ga	136	Needle Holder, Coaxial For IOL Suturing	27, 83
LRI Gauge	34	Needle Holder, Intraocular, 23Ga	27, 83
LRI Marker	37, 107	Needle Holder, Kalt	82
Lucke Multipurpose Forceps, 20Ga	128	Needle Holder/Scissors, Ing's	83
MacDonald Style Inserting Forceps	60	Nevyas Capsulorrhexis Forceps	51
Male-To-Male Connector	179	Nevyas-Wallace Fixation Forceps	59, 110
Maloney Intraoperative Keratometer	33	Notched Cannula, 23 Ga	180
Manipulator for DLEK procedure	76, 115	Nucleus Claw Chopper	93
Manipulator for Lens	70	Nucleus Rotator, Bechert	70
McIntyre Cannula, 25 Ga, 26 Ga, 27 Ga, 30 Ga	152, 155, 156	Ogura PVD Spatula, 23Ga	131
McIntyre-Binkhorst Cannula, 26 Ga	158	Olive Tip Capsule Polisher Cannula, 23 Ga	178
McPherson Tying Forceps	66	Optical Zone Marker for ICSR	110
McPherson-Vannas Curved Iris Scissors	46	Orbital Globe Retractor-Elevator	123
Melles DSAEK PLK Scraper	75, 114	Osher IOL Scissors	61
Membrane Scratcher, 20Ga	131	Osher Superior Rectus Forceps	64, 122
Mendez Cannula, 27 Ga	163	Osher Universal Corneal Scissors	44
Mendez Degree Gauge	34, 35, 107, 108	Osher-Neuman Low Profile Corneal Marker	36
Meyerhoefer Chalazion Curette	121	P.Koch Cannula, 25 Ga x 7/8 in. (.50x22 mm)	174
Micro Finger Chopper	94	Pallikaris ICL Manipulator	79, 110
Micro Trabeculectomy Punch	27, 116	Passive Reservoir for Backflush Instrument	144
Microcoaxial Capsulorrhexis Forceps	21, 51	Paton Spatula And Spoon	74, 103
Microincisional Cannula, 23 Ga	156	Paufique Suturing Forceps	65
Microincisional Capsule Polisher Cannula, 23 Ga	96, 109	Pearce Cannula, 23 Ga, 27 G, 30 Ga	157, 170
Microincisional Forceps for Corneal Endothelium Implantation	112	Pearce Cannula, 25 Ga	156, 157, 170, 173
MICS Forceps, Capsulorrhexis With Ruler, 23Ga	24, 25, 52, 53	Peyman Cannula, 16 Ga	186

Phaco Cleaver	92	Rowen Rescue Kit For Foldable Lens Removal, Forceps, 20 Ga	26, 61
Phaco Spatula (Small Pupil Snapper Hook&Micro Finger)	93	Rowen Rescue Kit For Foldable Lens Removal, Scissors, 19 Ga	26, 61
Phaonit Quick Chopper	94	Rumex Corneoscleral Punch	116
Pick Vitreoretinal Forceps, 20Ga	130	Rumex Foldable Lens Cutter	61
Pick Vitreoretinal Forceps, 23Ga	130, 132	Rycroft Cannula, 23 Ga, 25 Ga, 27 Ga, 30 Ga	151, 167
Pick Vitreoretinal Forceps, 25Ga	130, 134	Sauer Lid Speculum	32
Pigtail Lacrimal Probe	84, 118	Schaedel Towel Clamp	68
Polack Corneal Transplant Fixation Forceps	59, 110	Schocket Scleral Depressor	88
Polack Corneal Transplant Fixation Forceps	110	Scissors For Foldable Lens Removal, 19 Ga	26, 61
Prechopper Angled	91	Scissors, Barraquer Iris	46
Prechopper, Akaoshi Hybrid Combo	91	Scissors, Castrovejo Corneal	44
Prechopper, Combo	21, 91	Scissors, Castroviejo Curved Corneal	44
Prechopper, Inamura Eagle	91	Scissors, Claus Lucke Retinotomy with Bulbous Tip, 20Ga	127
Pressure Line Adapter Connects 12-5140 with DORC Harmony Total TTC	143	Scissors, Clayman-Vannnas Swan Neck	49
Putterman Type Lid Clamp	54, 120	Scissors, DALK	45, 114
PVA Spears and Points	16	Scissors, DLEK	45, 115
Quick Chopper with Rounded Edge	95	Scissors, Enucleation	49
Quickert Lacrimal Intubation Probe	84, 118	Scissors, Gills-Vannnas Capsulotomy	49
Rainin, 27 Ga, 30 Ga	156	Scissors, Iris	46
Reinforced Cannula, 23 Ga x 32 mm	161	Scissors, Katzin Corneal Transplant	44
Replacement Cannula Kit, 23Ga	137	Scissors, Knapp Strabismus	47
Replacement tubing	179	Scissors, McPherson-Vannnas	46
Retinal Detachment Hook	71	Scissors, Osher Universal Corneal	44
Retractor, Desmarres	86, 120	Scissors, Osher, for IOL	61
Retractor, Knapp Lacrimal Sac	86, 119	Scissors, Rumex Foldable Lens Cutter	61
Retractor, Stevenson Lacrimal Sac	86, 119	Scissors, Shepard-Westcott Tenotomy	48
Retractor-Elevator for Orbital Globe	86, 123	Scissors, Side Port Capsulotomy, 20 Ga	26, 49
Retractors, Iris Disposable	85	Scissors, Stevens Tenotomy	48
Retractors, Iris Reusable	85	Scissors, Subretinal, Curved	127, 132
Retrobulbar Needle, 23Ga, 25 Ga	153	Scissors, Universal Corneal	45
Retrobulbar Needle, 25 Ga x 3/2 in. (.50x38 mm)	166	Scissors, Vannnas Capsulotomy	49
Reusable Anterior Vitrectomy Cutter	139	Scissors, Vitreoretinal Horizontal	127
Reusable Iris Retractors	85	Scissors, Vitreoretinal Vertical	127, 132, 134
Reusable Irrigation Sleeve for Vitrectomy Cutters	143	Scissors, Vitreoretinal, Curved	134
Reusable Posterior Vitrectomy Cutter	140	Scissors, Vitreoretinal, Straight	127
Reusable Tubing System for the Infusion of Silicone Oil	150	Scissors, Westcott Stitch	47
Reusable Two Step Trocar System	136	Scissors, Westcott Tenotomy	48
Reversed Sinsky Hook	70, 112	Scissors, Zaldivar Iridectomy, 23Ga	26, 46
Richman Toric Marker	39	Scleral Plugs forceps	137
Rosen Cannula, 25 Ga x 7/8 in. (.50x22mm)	182	Scobee Oblique Muscle Hook	71, 122
Rosen Phaco Chopper	92	Seibel Chopper	95
Rosen Phaco Splitter	92	Self-Retaining Infusion Cannula	146
		Self-Retaining Infusion Cannula, 20 Ga, 4.0 mm tip	188

Self-Retaining Infusion Cannula, 20 Ga, 6.0 mm tip	188	Speculum, Lieberman Temporal For LASIK with Aspiration	28, 101
Self-Retaining Infusion Cannula, 23 Ga, 4.0 mm tip	188	Speculum, Lieberman Temporal with Aspiration	28
Self-Retaining Infusion Cannula, 23 Ga, 6.0 mm tip	188	Speculum, Sauer	32
Self-Retaining Silicone Oil Cannula	146	Spring Gripping Forceps, 20Ga	130
Serrefine	64	Spring Gripping Forceps, 23Ga	130, 133
Shahinian Cannula, 25 Ga	161, 181	Squeegee Cannula, 23 Ga, 27 Ga	177
Sheets Cannula, 21 Ga	155	Steinert Paddle Lens Folding Forceps	60
Shepard-Westcott Tenotomy Scissors	48	Sterilization Tray	216, 217
Side Cutting Cystotome Cannula, 25 Ga x 5/8 in. (.50x16 mm)	170	Stevens Tenotomy Hook	71, 123
Side Port Capsulotomy Scissors, 20 Ga	26, 49	Stevens Tenotomy Scissors	48
Silicone Bulb With Adapter	164	Stevenson Lacrimal Sac Retractor	86, 119
Silicone Oil Infusion Cannula, 4.0 mm tip	188	Stolyarenko Forceps For Large Foreign Body, 20Ga	130
Silicone Oil Infusion Cannula, 6.0 mm tip	188	Straight I/A Tip	97
Silicone Oil Infusion Reusable Tubing System	19	Straight Vitreoretinal Scissors	127
Silicone Oil Self-Retaining Infusion Cannula, 20 Ga, 23 Ga	189	Suarez Spreader	79, 111
Simcoe Cannula, 21 Ga, 23 Ga	154, 158, 175, 160	Subretinal Forceps, 3mm Tips, 20Ga	130
Simcoe I/A Tip	97	Sub-Tenon's Cannula, 19 Ga x 25 mm, flattened tip	153
Simcoe-Welsh Cannula, 21 Ga	158	Sub-Tenon's Cannula, 19 Ga, 20 Ga	166
Sinsky Hook	70	Sub-Tenon's Cannula, 19 Ga, front opening	154
Slade Cannula, 26 Ga	162	Supreme	15
Slade LASIK Cannula, 26G	104	Surgical Mallet	119
SmartSil	18	Tanaka Maculorhexis Forceps, 23 Ga	129
SmartVisc	14	Tano Asymmetrical End-Gripping Forceps, 20 Ga	129
SmartVisc Plus	14	Tano Asymmetrical End-Gripping Forceps, 23 Ga	129, 133
Soft Tip Cannula	145	Tano Asymmetrical End-Gripping Forceps, 25 Ga	129, 134
Soft Tip Cannula, 20 Ga, 23 Ga, 25 Ga	187	Tennant Tying Forceps	67
Spatula for DALK Procedure	76, 115	Terry DSEK Scraper	75, 113
Spatula for Femtosecond Laser Procedure	73, 89	Thornton 20 Degrees Angled I/A Tip	97
Spatula-Guide for Corneal Endothelium Implantation	74, 112	Thornton Fixation Ring	87
Speculum, Barraquer Wire	32	Thornton Cannula, 23 Ga	178
Speculum, Castroviejo	29	Titanium Microsurgical Handle, Female- Male	164
Speculum, Kershner Reversible	29	Titanium Microsurgical Handle, Male- Male	164
Speculum, Kershner Reversible with Aspiration	28	Toric Combo Marker	38, 108
Speculum, Lieberman Nasal	31	Toric IOL Marker	37
Speculum, Lieberman Nasal For LASIK	31, 101	Toric Marker, Combo	38, 108
Speculum, Lieberman Nasal For LASIK with Aspiration	28, 101	Toric Marker, Richman	39
Speculum, Lieberman Nasal with Aspiration	28	Toric Marker, Velasquez	39, 109
Speculum, Lieberman Temporal	30	Toric Marker, Whitehouse Gravity Axis	38, 108
Speculum, Lieberman Temporal For LASIK	30, 101	Toric/LRI Slit Lamp Marker	38
		Towel Clamp	68
		Towel Forceps	68

Tray for Sterilization	216, 217	Vitreoretinal "Nail" End Gripping Forceps, 20 Ga	128
Triple Edge Phaco Chopper with Polisher Tip	94	Vitreoretinal "Nail" End Gripping Forceps, 23 Ga	128, 132
Trisector for DALK Procedure	76, 114	Vitreoretinal End Gripping Forceps With Micro Jaws, 20 Ga	128
Troutman Cannula, 25 Ga	159	Vitreoretinal End Gripping Forceps With Micro Jaws, 23 Ga	128, 132
Tunnel Maker	111	Vitreoretinal End Gripping Forceps With Serrated Micro Jaws, 20 Ga	128
Tunnel Zone Marker for ICSR	110	Vitreoretinal Forceps With Cup Jaws, 20 Ga	130
Universal Corneal Scissors	45	Voscoelastic Flow Cannula	152
Universal Infusion Line, 23 Ga, 5 per box	136	Watzke Sleeve Spreading Forceps	67
Universal Instrument Handle, One Finger Control	126	Wells Enucleation Spoon	123
Universal Instrument Handle, Squeeze Model, Two Finger Control	22, 126	Welsh Cannula, 25 Ga x 25 mm	158
U-Shaped Cannula, 21 Ga, 23 Ga, 25 Ga, 27 Ga	159	Welsh, Set of three cannulas	158
Utrata Capsulorrhexis Forceps	50, 51	West Cannula, 23 Ga	161
Vander Cannula, 30 Ga	185	Westcott Stitch Scissors	47
Vannas Capsulotomy Scissors	49	Westcott Tenotomy Scissors	48
Velasquez Gravity Corneal Marker for LRI/Toric IOL implantation	39, 109	Whipple Capsulorrhexis Marker	36
Vertical Vitreoretinal Scissors	127, 132, 134	Whitehouse Gravity Axis Marker	38, 108
Vidaurri Cannula, 25 Ga/18 Ga	162	Wicks, 4x170 mm, 20/2 box	17
Vidaurri LASIK Double Cannula, 25G	104	Wilder Lacrimal Dilator	84, 118
Viscocanalostomy Cannula, 30 Ga	163	Wilder Lens Loop	90
Viscoelastic Cannula, 23 Ga, 25 Ga, 27 Ga	174	Zaldivar FemtoLASIK Spatula	78, 106
Viscoject eco	13	Zaldivar ICL Manipulator	79, 110
Viscous Fluid Injection Cannula, 23 Ga	150, 189	Zaldivar Iridectomy Scissors, 23 Ga	26, 46

Numerical Index

1-010T	40	3-0205T	36	3-090T	34, 107
1-020S	40	3-0206T	36	3-091T	35, 108
2-030T	34	3-0207T	36	3-140T	36
2-0311T	34	3-0208T	36	3-143T	110
2-031T	34	3-0209T	36	3-174T	37, 102
2-0331T	34, 107	3-0210T	36	3-176T	37, 102
2-033T	34	3-0211T	36	3-1801	37, 107
2-034T	35, 108	3-0212T	36	3-181	37
2-062S	33	3-0213T	36	3-1921	38
2-064T	33	3-0215T	36	3-193	38, 108
2-065T	33	3-0216T	36	3-1931	38, 108
2-100S	33	3-0217T	36	3-1932	38
2-100T	33	3-0218T	36	3-194	38, 108
2-101T	33	3-0219T	36	3-1941	38, 108
3-0201T	36	3-0220T	36	3-195	39, 109
3-0202T	36	3-0304T	36	3-196	39
3-0203T	36	3-034	110	4-0300S	50
3-0204T	36	3-040	36	4-0300T	50

4-0301S	50	4-0606S	65	4-1909T	54, 121
4-0301T	50	4-0606T	65	4-1912T	54, 121
4-030T	50	4-0607S	65	4-1913T	55, 120
4-03114T	50	4-070T	58	4-20111S	62, 109
4-03115T	50	4-070S	58	4-20111T	62, 109
4-0311T	50	4-071S	58	4-2019T	112
4-0312S	21, 51	4-072T	58	4-2107T	60
4-031T	50	4-0741S	59	4-2108S	60
4-0321T	50	4-0741T	59	4-2113S	60
4-03314T	51	4-08011T	59, 110	4-2132T	60
4-03315T	51	4-0814T	59, 110	4-2138T	60
4-0331T	51	4-0822T	59	4-2141T	60, 99
4-034	112	4-090T	66	4-21431	25, 62, 109
4-0352T	51	4-091S	66	4-2144T	111
4-03731	24, 52	4-092S	66	4-2145	25, 62
4-0374	24, 52	4-092T	66	4-2150	26, 61
4-03741	24, 52	4-100S	63	4-2151	26, 61
4-03742	23, 52	4-101S	63	4-21731	61
4-0375	24, 52	4-102S	63	4-21741	61
4-03751	24, 53	4-111T	63	4-2175S	61
4-03761	25, 53	4-113T	63	4-2201T	67
4-03771	23, 53	4-115S	63	4-2206T	55, 103
4-0391S	21, 51	4-115T	63	4-2300T	67
4-0392S	21, 51	4-120S	64	4-2301T	54
4-042S	54	4-121S	64	4-2302T	54
4-042T	54	4-122S	64	4-2303T	65
4-043T	54	4-123S	64	5-021	69
4-0501T	56	4-130S	64, 122	5-030	69
4-0502S	56	4-131S	64, 122	5-0301	69
4-0503S	56	4-136S	64, 122	5-031	69
4-0504T	56	4-140T	54, 120	5-032	69
4-0505T	56	4-171S	66	5-0321	69
4-050T	56	4-171T	66	5-0322	69, 112
4-053T	57	4-173T	66	5-033	70
4-0540T	57	4-174T	66	5-0331	70
4-0541T	57	4-175T	66	5-034	70
4-054T	57	4-176T	66	5-036	70
4-0551T	57	4-177S	66	5-040	70, 122
4-055T	57	4-177T	66	5-0401	70, 122
4-056T	57	4-178S	66	5-041	70, 122
4-057T	57	4-182T	67	5-042	70, 122
4-058T	58	4-1851T	67	5-060	71
4-059T	58	4-185S	67	5-061	71, 122
4-0600S	65	4-185T	67	5-062	71, 123
4-0600T	65	4-186S	67	6-00/6-020	41
4-0601S	65	4-1891	25, 67	6-00/6-030	41
4-0601T	65	4-1906T	54, 121	6-10/6-050	41
4-0602S	65	4-1907T	54, 121	6-10/6-0501	41
4-0602T	65	4-1908T	54, 121	6-10/6-051	41

6-10/6-052	41	7-077	93	8-030T	81
6-10/6-053	41	7-079	93	8-031T	81
6-10/6-0531	41	7-080/20	97	8-040T	81
6-10/6-054	41	7-080/45	97	8-041T	81
6-10/6-056	41	7-080/90	97	8-045T	81
6-10/6-070	41	7-080/BC	97	8-050T	81
6-10/6-071	41	7-080/IAH	97	8-051T	81
6-10/6-076	41	7-080/SIM	97	8-060T	81
6-20/6-0551	42	7-080/ST	97	8-061T	81
6-20/6-071	42	7-081	97	8-070T	82
6-20/6-072	42	7-081-23	97	8-071T	82
6-20/6-073	42	7-0813	97	8-080T	82
6-20/6-074	42	7-082	98	8-090T	82
6-20/6-091	42	7-0821	98	8-091T	82
6-20/6-092	42	7-0821-23	98	8-0921T	82
6-20/6-100	42	7-0826	98	8-096T	82
6-20/6-101	42	7-093	93	8-100T	83
6-20/6-102	42	7-0931	93	8-102S	83
6-20/6-103	42	7-097	94	8-120	27, 83
6-20/6-104	42	7-101	95	8-1211-23	27, 83
6-20/6-105	42	7-1061	94	9-010S	84, 118
6-20/6-106	42	7-1071	94	9-011S	84, 118
6-20/6-107	42	7-111S	91	9-012S	84, 118
6-20/6-140	21, 42, 113	7-1161S	91	9-013S	84, 118
6-20/6-141	21, 42, 113	7-1162S	21, 91	9-014S	84, 118
6-20/6-142	21, 42, 113	7-1162S	91, 113	9-015S	84, 118
6-20/6-143	21, 42, 113	7-1163S	91	9-021S	84, 118
6-20/6-144	21, 42, 113	7-1165S	91	9-023S	84, 118
6-20/6-145	21, 42, 113	7-125	94	9-024S	84, 118
6-322/6-0531	43, 107	7-1251	94	9-031	84, 118
6-500/6-0531	43	7-126	94	9-050T	84, 118
6-500S/6-0531	43	7-126S	94	9-051T	84, 118
6-600/6-0531	43	7-127	94	9-052T	84, 118
6-600S/6-0531	43	7-1271	94	9-060T	84, 118
7-0201T	90	7-1271S	94	10-013	86, 119
7-025T	90	7-127S	94	10-014	86, 119
7-063	92	7-128	95	10-020	86, 119
7-0631	92	7-1281	95	10-021	86, 120
7-0631S	92	7-130	95	10-022	86, 120
7-0634/l	96	7-135	95	10-023	86, 120
7-064	92	7-1361	95	10-034T	86, 123
7-065	92	7-142	96	10-035	79, 111
7-066	92	8-010T	80	10-083	85
7-067	92	8-011T	80	10-091	85
7-068	92	8-013T	80	10-5016-1	19, 85
7-069	92	8-020T	80	10-5016-5	19, 85
7-072	93	8-021T	80	10-5067-1	19, 85
7-074	93	8-024T	80	10-5067-6	19, 85
7-075	93	8-025T	80	10-5127	19, 85

11-0101S	44	12-024	146	12-412	130
11-010S	44	12-025	146	12-413	130
11-011S	44	12-026	146	12-414	129
11-012S	44	12-141-20	212	12-415	129
11-013S	44	12-141-23	213	12-4202-23	129, 133
11-015S	44	12-141-25	214	12-420-23	129, 133
11-0201S	44	12-202	127	12-420-25	129, 134
11-020S	44	12-2020	127	12-420-27	129
11-0241S	45	12-202-23	127, 132	12-5010	146
11-024S	45	12-2029	127, 134	12-5010	188
11-034S	45	12-206	127	12-5011	146
11-035S	45	12-208	127	12-5011	188
11-0361S	45, 115	12-2084	127	12-5012	146
11-036S	45, 115	12-2085	127	12-5012	188
11-03721	26, 46	12-209	127	12-5013	146
11-03741	26, 49	12-209-23	127, 132	12-5013	188
11-03751	26, 49	12-2099	127, 134	12-5014	148
11-0381S	45, 114	12-211	127	12-5017	145
11-038S	45, 114	12-215	127	12-5019	148
11-040S	48	12-301	128, 146	12-5020	142
11-042S	48	12-301-23	128, 132, 146	12-5022	143
11-044S	47	12-3019	128, 134, 146	12-5023	148
11-046S	47	12-303	130	12-5023	148
11-047S	47	12-304	128, 146	12-5024	148
11-0481S	48	12-304-23	128, 132, 146	12-5025	148
11-048S	48	12-304-25	128, 134, 146	12-5026	140
11-0501S	49	12-3044	128, 146	12-5034	143
11-050S	49	12-313	130	12-5035	143
11-052S	49	12-321	130	12-5037	147
11-054S	49	12-321-23	130, 133	12-5038	147
11-056S	49	12-325	130	12-5045	141
11-0581S	49	12-325-23	130, 132	12-5050	139
11-058S	49	12-3259	130, 134	12-5063	145
11-062S	46	12-335	130	12-5064	142
11-080S	46	12-343	130	12-5065	140
11-081S	46	12-400	128, 146	12-5066	146
11-090S	49	12-401	128, 146	12-5066	188
11-091S	49	12-4012	128, 132, 146	12-5068	141
11-100S	47	12-4013	129, 133	12-5070	139
11-101S	47	12-402	128, 146	12-5072	148
11-1223	46	12-402-23	128, 132, 146	12-5073	148
11-125S	47	12-4089	128, 134, 146	12-5076	148
11-130S	48	12-410	129	12-5077	148
11-131S	48	12-410-23	129, 132	12-5078	137
11-132S	48	12-410-25	129, 134	12-5079	148
11-133S	48	12-410-27	129, 135	12-5085	137
12-000T	22, 125	12-411	129	12-5086S	137
12-001T	126	12-411-23	129, 133	12-5096	147
12-003T	22, 126	12-411-25	129, 134	12-5099	142

12-5100	140	12-5190	137	13-0979	131
12-5101	141	12-5191	147	13-1081-23	131
12-5102	139	12-5192	145	13-1091	131
12-5116	146	12-5193	145	13-1091-23	131
12-5116	188	12-5194	147	13-110	74, 103
12-5117	146	12-5196	144	13-137	74, 113
12-5117	189	12-5197	144	13-138	74, 113
12-5118	141	12-5202	136	13-139/I	74, 113
12-5119	139	12-5203	147	13-141	79, 110
12-5124	142	12-5208	141	13-142	79, 110
12-5126	148	12-5209	137	13-146	79, 111
12-5128	147	12-5210	148	13-147	79, 111
12-5135	148	12-5215	142	13-150T	74, 112
12-5138	148	12-5216	143	13-151S	75, 113
12-5140	143	12-5219	146	13-152S	75, 113
12-5142	141	12-5219	188	13-153S	75, 113
12-5143	139	12-5220	146	13-154T	75, 114
12-5144	146	12-5220	189	13-155T	75, 114
12-5144	188	12-5221	146	13-160	76, 115
12-5147	144	12-5221	188	13-170	76, 114
12-5150	139	12-5222	146	13-171	76, 115
12-5151	145	12-5222	189	13-172	76, 115
12-5152	145	12-5229	138	14-0221S	32
12-5156	145	12-5244	138	14-0222S	32
12-5157	143	12-5248	150	14-022S	32
12-5159	144	12-5491	145	14-0231	32
12-5160	145	12-5492	145	14-023S	32
12-5161	145	12-6000	144	14-0241	32
12-5162	145	12-6010	144	14-0241S	32
12-5163	148	12-RTUB-1	19	14-0244S	32
12-5164	145	12-RTUB-1	150	14-024S	32
12-5165	146	12-RTUB-2	19	14-025S	32
12-5165	189	12-RTUB-2	150	14-026S	32
12-5168	142	12-RTUB-3	19	14-0281S	32
12-5169	148	12-RTUB-3	150	14-0282S	32
12-5171	143	12-RTUB-4	19	14-0283	32
12-5172	143	12-RTUB-4	150	14-0286S	32
12-5173	136	13-010	72	14-0287S	32
12-5173-1	136	13-011	72	14-028S	32
12-5177	148	13-014	72	14-030	32
12-5178	148	13-020	72	14-031	32
12-5179	148	13-031	72	14-032	32
12-5180	148	13-032	72	14-0401T	30
12-5181	139	13-050	72	14-0401TK	30
12-5184	137	13-051	72	14-0401TL	30, 101
12-5186	136	13-052	72	14-040T	30
12-5187	136	13-092	131	14-040TK	30
12-5188	136	13-097-23	131	14-040TL	30, 101
12-5189	137	13-097-27	131	14-0411T	31

14-0411TL	31, 101	15-052-27	151	15-1051-30	163
14-041T	31	15-053-23	151	15-1052	163
14-041TK	31	15-053-27	151	15-1053	163
14-042T	30	15-055-19	151	15-1054	163
14-0431	31	15-057	151	15-1056	152
14-0431T	31	15-061-23	152	15-1067	152
14-043T	31	15-061-25	152	15-1073-23	157
14-0601T	29	15-061-26	152	15-1073-25	157
14-060A	28	15-061-27	152	15-1073-27	157
14-060T	29	15-061-30	152	15-1073-30	157
14-061T	29	15-063-23	152	15-1077	157
14-062T	29	15-063-30	152	15-1078	157
14-080A	28	15-065	152	15-1149L	160
14-080LA	28	15-067	152	15-1149R	160
14-080LA	101	15-0681	157	15-1150R	160
14-081KA	28	15-069-30	156	15-1157-23	156
14-081LA	28	15-070	156	15-119	159
14-081LA	101	15-071-23	156	15-121L	159
14-082A	28	15-071-25	156	15-121R	159
15-001-23	153	15-071-27	156	15-121S	159
15-001-27	153	15-071-30	156	15-129-0.3	160
15-003-23	153	15-073-23	157	15-129-0.4	160
15-003-25	153	15-073-25	157	15-133-0.3	160
15-003-25B	153	15-073-30	157	15-133-0.4	160
15-005-25	153	15-079	159	15-159-25	155
15-005-27	153	15-079L	158	15-159-27	155
15-009	153	15-079R	158	15-169-21	155
15-011C-19	153	15-085-10	158	15-169-23	155
15-013-19	154	15-085-5	158	15-170	96, 109, 156
15-025	154	15-085-6	158	15-171S	156
15-027	161	15-085-8	158	15-172	156
15-029	161	15-087-19	158	15-183	154
15-031	161	15-087-21	158	15-184	154
15-032	161	15-087-22	158	15-189	154
15-033	161	15-091-13/23	158	15-197-4	155
15-035-23C	161	15-091-21/21	158	15-201L	154
15-035-23S	161	15-091-21/23	158	15-201R	154
15-035-25C	161	15-093-21	158	15-203	155
15-035-25S	161	15-095L	158	15-301/303	164
15-037	161	15-095R	158	15-307T	164
15-049-20	151	15-095S	158	15-308T	164
15-049-23	151	15-095Set	158	15-371-25	104, 162
15-049-25	151	15-099-21	159	15-373-25	104, 162
15-049-30	151	15-099-23	159	15-373-27	104, 162
15-051-23	151	15-099-25	159	15-376	104, 162
15-051-25	151	15-099-27	159	15-378	104
15-051-27	151	15-100-23	155	15-378L	162
15-051-30	151	15-100-27	155	15-378R	162
15-052-23	151	15-101-27	155	15-379-25	104, 162

15-450-27	115, 163	16-111	88	20-203	78, 106
16-010	116	16-111S	88	20-204	73, 89
16-011	116	16-115	88	21-5010	188
16-0111	27	16-127	119	21-5011	188
16-0111	116	16-135	119	21-5012	188
16-012S	116	16-136	119	21-5013	188
16-013S	116	16-138	119	21-5017	186
16-020T	33	16-140	117	21-5037	189
16-0300	112	16-141	117	21-5038	189
16-0301	112	16-142B	117	21-5063	187
16-030-14	87	16-143B	117	21-5066	188
16-030-15	87	16-153	77	21-5096	189
16-030-16	87	16-153	88	21-5116	188
16-030-17	87	16-173S	111	21-5117	189
16-030-18	87	16-174S	111	21-5128	189
16-030-19	87	16-253	99	21-5144	188
16-030-20	87	16-2806	99	21-5151	187
16-030-21	87	16-2807	99	21-5152	187
16-030-22	87	16-2808	99	21-5156	187
16-0303	112	16-50S	120	21-5160	186
16-0305	112	16-50T	120	21-5161	187
16-0306	112	18-300	216	21-5162	186
16-0307	112	18-301	216	21-5164	187
16-0308	112	18-301-1	216	21-5165	189
16-0309	112	18-302	216	21-5191	186
16-0310	112	18-303	216	21-5192	187
16-0311	112	18-303-1	217	21-5193	187
16-0341T	87	18-304	217	21-5194	186
16-036T	87	18-305	217	21-5203	186
16-041	87	18-305-1	217	21-5219	188
16-042	87	18-307	217	21-5220	189
16-050-3.5	117	18-308	217	21-5221	188
16-050-5.0	117	20-001	77, 103	21-5222	189
16-051-2.5	117	20-0011	78, 105	21-5248	189
16-051-2.5B	117	20-002	77, 103	21-602-1	43
16-051-3.5B	117	20-013	77, 103	21-R1023	166
16-052-5.0B	117	20-050	106	21-R1025	166
16-060	123	20-1011	105	21-R1027	166
16-061	123	20-1021	105	21-R1123	166
16-062	123	20-1031T	105	21-R1125	166
16-063	121	20-1041T	105	21-R1225	166
16-064	121	2-010S	33	21-R1319	166
16-065	121	2-010T	33	21-R1320	166
16-066	121	20-121	105	21-R1427	167
16-067	121	20-122	105	21-R2023	167
16-072	90	20-130	78, 105	21-R2025	167
16-080S	68	20-131	78, 105	21-R2027	167
16-081S	68	20-201	78, 106	21-R2027-6	167
16-090S	64	20-202	78, 106	21-R2027-8	167

21-R2030	167	21-R4730	172	21-R7127	182
21-R2225	174	21-R4827	172	21-R7223	182
21-R2227	174	21-R5016	175	21-R7227	183
21-R2323	174	21-R5023	175	21-R7323	182
21-R2327	174	21-R5223	175	21-R7427	183
21-R2427	174	21-R5227	175	21-R7430	183
21-R2520	168	21-R5323	175	21-R7431	183
21-R2619	168	21-R5425	175	21-R7508	184
21-R2623	178	21-R5425L	175	21-R7509	184
21-R2663	178	21-R5425R	175	21-R7510	184
21-R3023	170	21-R5524	179	21-R7511	184
21-R3025	170	21-R5621-0.5	176	21-R7512	184
21-R3027	170	21-R5623	176	21-R7513	184
21-R3030	170	21-R5623	176	21-R7514	185
21-R3031	170	21-R5623-0.3R	176	21-R7515	185
21-R3125	171	21-R5623-0.4	176	21-R7516	186
21-R3225	169	21-R5623-0.4R	176	21-R7625	185
21-R3227	169	21-R5624-0.3R	176	21-R7630	185
21-R3230	169	21-R5624-0.4	176	21-R7720	185
21-R3325	169	21-R5624-0.4R	176	21-R7721	185
21-R3327	169	21-R5624-0.5	176	21-R7820	185
21-R3330	169	21-R6023	177	21-R7821	185
21-R3427	170	21-R6027	177	21-R9303	179
21-R3523	170	21-R6121	177	J-209-23	135
21-R3525	170	21-R6123	177	J-2099	135
21-R3527	170	21-R6221	177	J-4089	135
21-R3530	170	21-R6223	177	J-410	135
21-R3627	169	21-R6323	178	J-410-23	135
21-R3630	169	21-R6327	177	J-411-23	135
21-R3825	171	21-R6425	178	J-411-25	135
21-R3827	171	21-R6425A	178	R1-40400	16
21-R3925	170	21-R6427	177	R1-40401	16
21-R4025	173	21-R7001	179	R1-40405	16
21-R4027	173	21-R7002	179	R1-40406	16
21-R4030	173	21-R7004	180	R1-40410	16
21-R3725	170	21-R7004RD	180	R1-40411	16
21-R4125	173	21-R7005	180	R1-40415	16
21-R4127	173	21-R7005RD	180	R1-40416	16
21-R4227	172	21-R7006	180	R1-40420	17
21-R4227	173	21-R7011	180	R1-40430	17
21-R4325	173	21-R7012	180	R1-40431	17
21-R4327	173	21-R7013	181	R1-40435	17
21-R4427	172	21-R7021	181	R1-40462	17
21-R4430	172	21-R7023	181	R1-40820	17
21-R4525	174	21-R7025	181	R1-40821	17
21-R4625	174	21-R7026	181	R1-40822	17
21-R4627	174	21-R7027	181	R1-40830	17
21-R4725	172	21-R7123	182	R1-40831	17
21-R4727	172	21-R7125	182	R1-40900	17

Rumex International Company

Head Office:
13770 58th Street North, Suite 317
Clearwater, FL 33760 USA

USA, Canada:
Tel: +1 (727) 535 9600
Toll Free: +1 (877) 77 RUMEX
Fax: +1 (727) 535 8300

For international clients from Europe, Asia,
Africa, Latin America:
Tel: +371 6616 3182

e-mail: rumex@rumex.net
 rumex.net
webstore: www.rumex.net



More than 2 000 items are always available at
www.rumex.net

