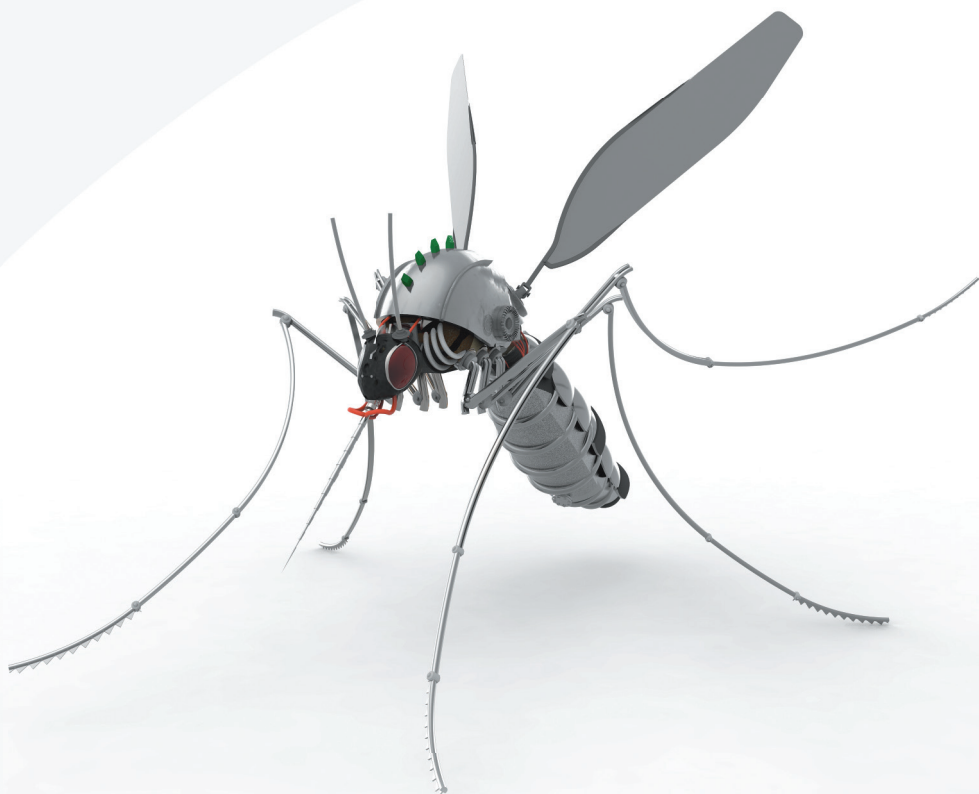




INSTRUMENTS FOR MICRO & SMALL-INCISION CATARACT SURGERY



**AFFORDABLE
INNOVATIONS**

Introduction

Cataract surgery has undergone significant transformation over the past few decades, driven primarily by the reduction in incision size. This shift towards smaller incisions has spurred the development of advanced phacoemulsification machines, lasers, and surgical instruments.

This evolution led to the introduction of **Small Incision bimanual Cataract Surgery (SICS)**, with incision sizes below **2.00 mm**. **Micro-Incision Cataract Surgery (MICS)**, with incisions as small as **1.80 mm**, represents the next step in wound reduction and is now regarded as one of the most advanced techniques for cataract treatment.

Small size of instruments:

- helps to minimize surgically induced corneal astigmatism
- promotes better postoperative corneal optical quality
- allows better intraocular view

At RUMEX, we are committed to helping doctors worldwide stay at the forefront of innovation. We have developed a comprehensive range of high-quality **small- and micro-incision instruments** tailored for all major cataract surgery techniques. Our selection includes tools for both traditional phacoemulsification and femtosecond laser-assisted cataract surgery.



MICRO & SMALL-INCISION CATARACT SURGERY

NEW

Recently introduced into the product range of RUMEX International Co.



Disposable instruments



Available in a single-use edition



Available in Stainless Steel



Frequently bought together



Quantity in the box



With Locking Mechanism

CONTENTS

➤	INCISION	6
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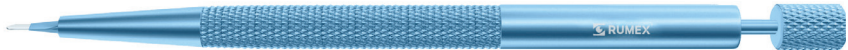
MICRO & SMALL-INCISION CATARACT SURGERY

INCISION

DIAMOND KNIVES

Side-Port Diamond Knives

up to 3000
INCISIONS

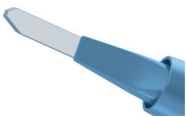


Straight Handle
with Locking Mechanism



45° Single Edge
1.00 mm

6-10/6-050



Trifacet
1.00 mm

6-10/6-050

Side-Port Diamond Knives



Angled Handle
with Locking Mechanism



Self-Diving Trapezoid Blade

6-20/6-142 – 1.30/1.50 mm

6-20/6-143 – 1.50/1.80 mm

6-20/6-144 – 1.80/2.00 mm

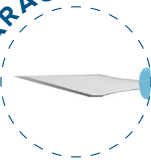
DISPOSABLE KNIVES

ALL KNIVES ARE EQUIPPED WITH SAFETY LIDS

STERILE



CATARACT



Side-Port Knives

Initial Stab Incisions
1.00 mm, 15°
Straight, Double Bevel

SP-15

CATARACT



Trapezoid Knives

Tunnel incisions
1.50-1.70 mm
Angled, Single bevel

TR-17

CAPSULORHEXIS FORCEPS

Tungsten carbide coated cystotome tips for better gripping

4-0312S

Microcoaxial Capsulorhexis Forceps

2.00 mm
incision



- Ultra-thin jaws
- A limiter protects the incision from hyperextension
- Curved jaws prevent corneal deformation



limiter for 2.00 mm



4-032S

Small-Incision Capsulorhexis Forceps with Limiter and View-Port

2.00 mm
incision

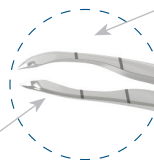


Ultra-thin vaulted shanks

Internal limiter prevents the jaws from opening wider than intended.

View-port provides optimal visualization.

2 engravings at 2.50 and 5.00 mm from the tip to measure the rhexis



MICRO & SMALL-INCISION CATARACT SURGERY

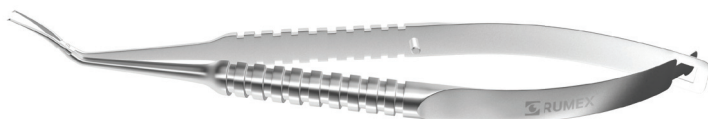
CROSS-ACTION CAPSULORHEXIS FORCEPS

Tungsten carbide coated cystotome tips for better gripping

Inamura Style

RUMEX Capsulorhexis Forceps

2.00 mm
incision



- Recommended for coaxial phacoemulsification
- Cross-action maintains alignment of tips, prevents leakage of viscoelastic from anterior chamber

4-0391S

Jaws 10.00 mm, for corneal incision

4-0392S

Jaws 12.00 mm, for scleral incision

4-0395

Cross-Action Capsulorhexis Forceps With Scale

1.50 mm
incision

Tungsten carbide coated cystotome tips allow to make the first pinch easily.

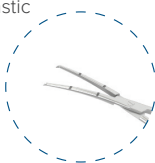
Engravings assist in measuring the rhexis.

Cross-action prevents the viscoelastic leakage and protects the incision from hyperextension.



Hinge joints allow for even distribution of pressure at three points.

Scale showing 2.50 and 5.00 mm from tip and lightweight titanium handle for more convenient use.



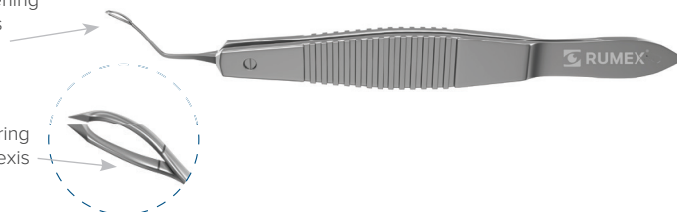
4-033S

Small-Incision Capsulorhexis Forceps with Double Cross-Action and Scale

NEW
1.50 mm
incision

Micro-thin jaws with fixed opening contribute to free movements in the anterior chamber.

Scale for measuring the size of capsulorhexis



MICS CAPSULORHEXIS FORCEPS

ONE-PIECE CAPSULORHEXIS FORCEPS WITH RUMEX FLUSHING SYSTEM

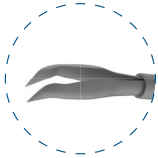
**One-piece
Ready for use**

4-03741H

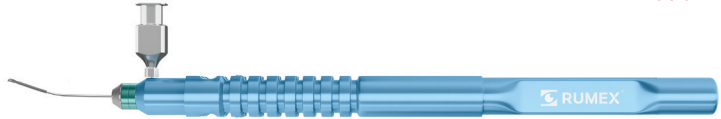
**Kershner One-Pinch Capsulorhexis Forceps,
Attached to a Handle, 23 Ga**

NEW

Sub 1.00 mm
incision



- Micro jaws
- Cystotome tips
- Reduced length of the branches
- Improved maneuverability

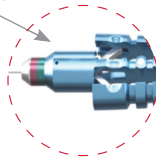


Complete tool – no need to adjust the tip to the handle

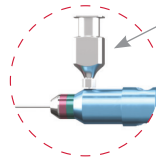
Delicate cleaning – flushing liquid streams towards the tips with zero stress for the jaws

Increased lifespan – the inner mechanism is not involved into the cleaning process and stays intact

flushing port



flushing cannula

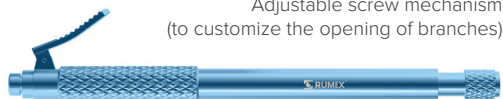


MICS TIPS + UNIVERSAL HANDLES*

**Two-piece
Easy to clean**



Safe and easy
adjustable mechanism



Adjustable screw mechanism
(to customize the opening of branches)

One Finger Control

12-001T



Squeeze Model
Two Fingers Control

12-003T



Flushing Adapter

Provided with each
tip free of charge!

- the optimal solution for money-wise customers
- allows a doctor to arrange a set of favorite tips that can be used with a single handle
- completely detachable for most effective cleaning

*Tips and Handles are sold separately.

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

MICRO & SMALL-INCISION CATARACT SURGERY

MICS CAPSULORHEXIS FORCEPS

Micro jaws

0.80 mm incision

Anti-glare matte finishing

Cystotome tips

With fixation wheel

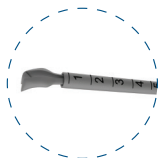
Exquisite gripping function

Stiff and flexible Stainless Steel tube

4-0375*

Capsulorhexis Forceps with Internal Ruler, 23 Ga

Sub 1.00 mm
incision



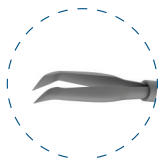
6 engravings at 1, 2, 3, 4, 5
and 6 mm



Micro-jaws for superior mobility and laser marks
for intraocular rhexis measurement

Kershner One-Pinch Capsulorhexis Forceps, 23 Ga

Sub 1.00 mm
incision



4-03731*

Extremely sharp jaws
for one-pinch capsulorhexis
through a side-port incision
2.50 mm branches



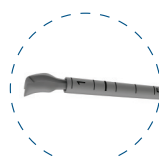
4-03741*

Extremely sharp jaws
of reduced length for
enhanced maneuverability
in the anterior chamber
1.80 mm branches

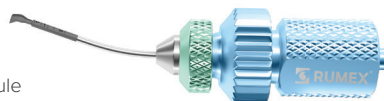
4-03742*

Lesieur Capsulorhexis Forceps with Internal Ruler, 23 Ga

Sub 1.00 mm
incision



- Shorter jaws facilitate gripping the capsule
close to the wound
- 7 laser marks for perfect sizing of the rhexis:
1.00, 2.00, 2.50, 3.00, 4.00, 5.00 and 6.00 mm

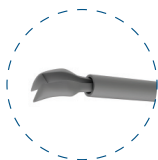


MICRO & SMALL-INCISION CATARACT SURGERY

4-03751*

Fine-Ikeda Capsulorhexis Forceps, 23 Ga

Sub 1.00 mm
incision

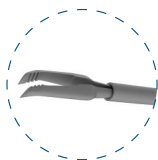


Shorter branches of 0.80 mm for capsulorhexis through a side-port incision

4-03771*

**Kawai Capsulorhexis Forceps,
Tapered 23/25 Ga Shaft**

Sub 1.00 mm
incision

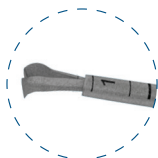


The construction of the forceps shows least adverse effect on the wound. Serrated tips provide secure grip of the capsule.

4-03791*

Capsulorhexis Forceps with View Port, 23 Ga

Sub 1.00 mm
incision



6 engravings at 1, 1.5, 2, 3, 4 and 5 mm



Enhanced visibility through the port and high precision due to the laser-marked scale

*Tip only. Handles 12-003T and 12-001T are sold separately.

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

MICRO & SMALL-INCISION CATARACT SURGERY

IOL COMPLICATIONS MANAGEMENT

ROWEN RESCUE KIT, REUSABLE

To be used for
foldable IOLs

4-2173*

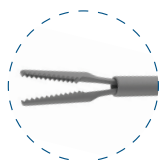
Micro Foldable Lens Cutter, 19 Ga



Blades with delicate notches create traction and prevent IOL slipping while cutting.

4-2150*

Rowen Rescue Kit Forceps, 19 Ga



Crocodile type serrated jaws enable secure gripping of the IOL.

LENS REMOVAL SET, DISPOSABLE

4-2173D

IOL Scissors, 19 Ga

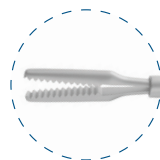
STERILE



4-2150D

IOL Forceps, 20 Ga

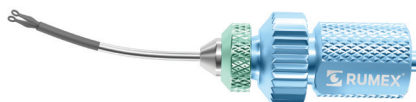
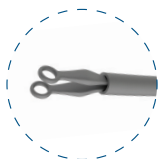
STERILE



4-2145*

IOL Grasping Forceps, 21 Ga

Sub 1.00 mm
incision

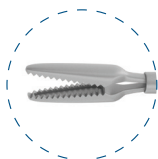


- Sand-blasted surfaces for efficient gripping of optic and haptic
- Fenestrated jaws for better visualization and haptic manipulation
- With fixation wheel

4-2142*

Fukuoka Intraocular Lens Extraction Forceps for Cartridge Pull-Through Technique, 18 Ga

NEW



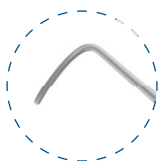
- Serrated design to prevent slipping
- The inner surfaces are recessed to reduce intra-cartridge pressure.

Recommended incision size - 3.20 mm. Recommended cartridges: HOYA C-1 and C-7, NIDEK 2C, Alcon Monarch A (used after trimming the tip), J&J EMERALD (used after cutting off the cylindrical part).

Precautions! Not for PMMA and other non-foldable IOLs. Oculentis Lentis lenses had unstable results.

13-061

Holz Zonule Defender



- Inserted into the equator of the capsule bag and used as counter traction during IOL exchange
- Prevents the prying motion from breaking zonules by distributing countertraction forces

Can be used together

*Tip only. Handles 12-003T and 12-001T are sold separately.

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

MICRO & SMALL-INCISION CATARACT SURGERY

MULTI-PURPOSE MICS FORCEPS & NEEDLE HOLDERS

Micro jaws

0.80 mm incision

Anti-glare matte finishing

Cystotome tips

With fixation wheel

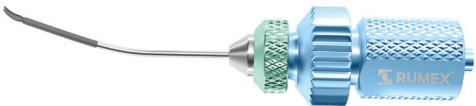
Exquisite gripping function

Stiff and flexible Stainless Steel tube

4-1891*

Intraocular Tying Forceps, 23 Ga

Sub 1.00 mm
incision

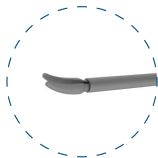


Micro-jaws for convenient intraocular suturing

8-1211-23*

**Intraocular Needle Holder for IOL Suturing
& Manipulation, 23 Ga**

Sub 1.00 mm
incision



For IOL manipulation through a micro-incision

MICS SCISSORS

Micro jaws

0.80 mm incision

Anti-glare matte finishing

Cystotome tips

With fixation wheel

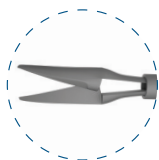
Exquisite gripping function

Stiff and flexible Stainless Steel tube

11-03721*

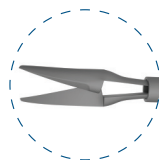
Zaldivar Iridectomy Scissors, 23 Ga

Sub 1.00 mm
incision



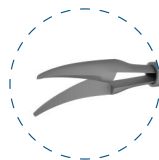
- Can be used through paracentesis incision
- The blades are curved for easy cutting

Side-Port Capsulotomy Scissors, 20 Ga



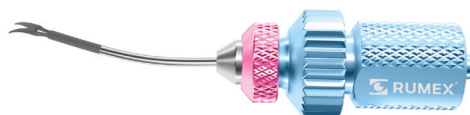
11-03741*

Left



11-03751*

Right



Curved jaws provide efficient capsulotomy through a microincision.

*Tip only. Handles 12-003T and 12-001T are sold separately.

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

MICRO & SMALL-INCISION CATARACT SURGERY

PRECHOPPERS & SPLITTERS

PHACO CHOPPERS

7-1162S

Combo Prechopper



For sub-2.00 mm Coaxial Micro Phaco
Max opening 2.00 mm



7-149S

Escaf Prechopper



- Used to complete breakdown after Femtosecond or Ultrachopper and fracture cataract with hardness less than 4+
- Tolerates capsulorhexis smaller than 5.00 mm in diameter without injuring the capsule edges
- Truncated tip is safe for the edge of capsulorhexis
- Intended opening - 2.00 mm, can be widened to 2.80 mm



SPLITTERS

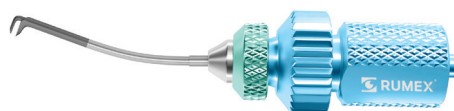
7-143*

Slade/Terao Nucleus Splitter, 23 Ga

Sub 1.00 mm
incision



- Used to crack the femtochopped nucleus
- Chopper type design tip
- With fixation wheel



CHOPPERS & MANIPULATORS

RHD for right-handed surgeon -
to hold in the left hand

LHD for left-handed surgeon -
to hold in the right hand

7-063 RHD

Nagahara Phaco Chopper

7-064 LHD

7-065

Rosen Phaco Chopper, Universal



7-063

- Smooth round tip
- Cutting edge assists in horizontal chopping



7-065

Blunt distal part of the chopper is safe for the posterior capsule.

LENS MANIPULATORS

5-030



Kuglen Iris Hook and Lens Manipulator

Designed for push-pull technique

5-032



Sinskey Lens Manipulating Hook

Slim versatile tip

5-0331



Lester Lens Manipulator

"Hourglass" shaped tip for safe and controlled lens manipulation

MICRO & SMALL-INCISION CATARACT SURGERY

IRRIGATION/ASPIRATION, CAPSULE POLISHING

May be introduced through any side-port incision, allowing easy access to all parts of the capsule

7-081-23

Irrigation Handpiece for Bimanual Technique, 23 Ga

Irrigates anterior chamber, maintaining its stability and providing for maximal cortex removal.

2×0.35 mm
Side ports



Irrigation



- Curved tube with a smooth faced tip
- Standard connector

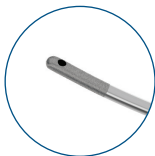
7-0821-23

Aspiration Handpiece for Bimanual Technique

1×0.35 mm
top port



Aspiration



- Curved tube with a texturized capsule polisher tip
- Standard connector

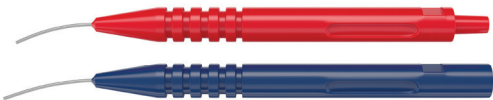
Disposable Set of I/A Handpieces for Bimanual Technique*

STERILE  

Aspiration

7-0821D 21 Ga

7-0823D 23 Ga



Irrigation

Aspiration – single port 0.35 mm
Irrigation – double port 0.40 mm

Each set includes 5 irrigation and 5 aspiration handpieces.

FEMTOSECOND CATARACT INSTRUMENTS

20-2041

Donnenfeld Femto Spatula



Special flattened design of the tip helps to open femtosecond laser-created cataract incisions.

20-204D

Spatula for Femtosecond Laser Procedure

STERILE



Used for opening cataract incisions created by femtosecond laser system.

20-061

Double-Ended Femto Spatula



Special flattened design of the tip helps to open femtosecond laser-created cataract incisions.



13-181

Uy Laser Lens Fragmentation Combo Manipulator



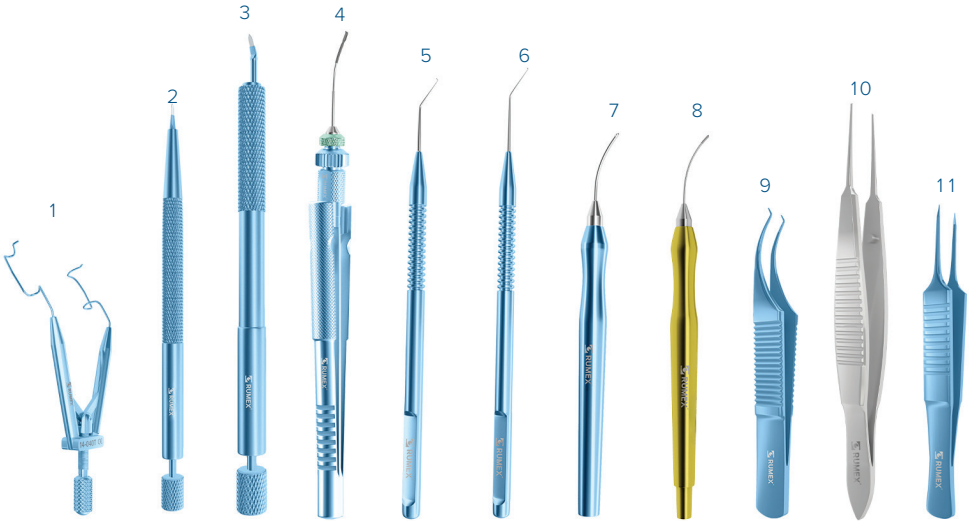
Double-ended instrument for Femtosecond cataract procedure combining a chopper and a spatulated tip for nuclear, epinuclear and cortical fragments manipulating.



MICRO & SMALL-INCISION CATARACT SURGERY

CATARACT SET 1.8

1,80 mm
↔
incision

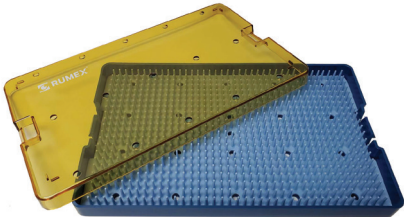


1	14-040T	Lieberman Temporal Speculum, Rounded «V» Shaped Blades, Titanium
2	6-10/6-050	Side-Port Diamond Knife, 45° Single Edge Blade, Straight Titanium Handle
	* SP-45	Disposable Side-Port Knife, Double Bevel, 1.00 mm, 45°, Straight, Safety System, 6 per Box
3	6-20/6-143	Phaco Diamond Knife, Trapezoid Blade 1.50/1.80 mm, Angled Titanium Handle
	* TR-17	Disposable Trapezoid Knife, Single Bevel, 1.50-1.70 mm, Angled, Safety System, 6 per Box
4	4-03771 12-003	Kawai Capsulorhexis Forceps, Tapered 23/25 Ga Shaft/ Universal Squeeze Handle
5	7-063 (RHD)/ 7-064 (LHD)	Nagahara Phaco Chopper, Round Titanium Handle
	* 7-063D	Disposable Nagahara Phaco Chopper, RHD, 6 per Box
6	5-032	Sinskey Lens Manipulating Hook 0.15 mm tip, Angled, Round Titanium Handle
	* 5-032D	Disposable Sinskey Hook, Angled, 6 per Box
7	7-081-23	Irrigation Handpiece for Bimanual Technique, Curved, 23 Ga, Two Ports on Side 0.35 mm, Titanium Handle
	* 7-0823D	Disposable Set of I/A Handpieces for Bimanual Technique, 23 Ga, 5 Sets per Box
8	7-0821-23	Aspiration Handpiece for Bimanual Technique, Curved, 23 Ga, One Top Port 0.35 mm, Titanium Handle
	* 7-0823D	Disposable Set of I/A Handpieces for Bimanual Technique, 23 Ga, 5 Sets per Box
9	4-050T	Colibri Corneal Forceps, 0.12 mm, 1x2 Teeth, Titanium
10	4-0600S	Castroviejo Suturing Forceps, 0.12 mm 1x2 Teeth, 6.00 mm Tying Platform, Stainless Steel
	* 4-0600D	Disposable Castroviejo Suturing Forceps, 0.12 mm, 6 per Box
11	4-171T	McPherson Straight Tying Forceps, 4.00 mm Tying Platforms, Straight, Titanium

*not shown

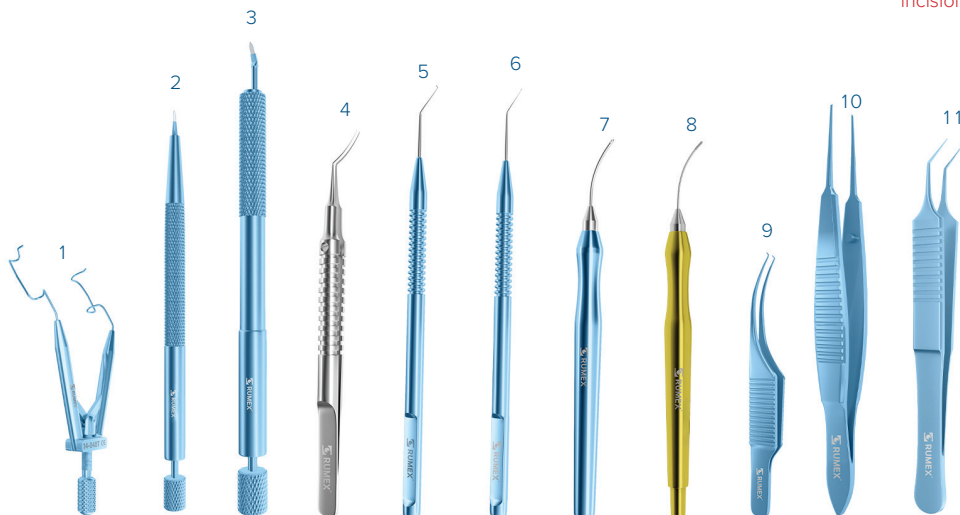
18-304

Sterilization Tray
Silicone Finger Tip Mat
Single Level
Extra Large
254 x 152 x 19 mm
10×6×0.75"



CATARACT SET 2.0

2.00 mm
incision

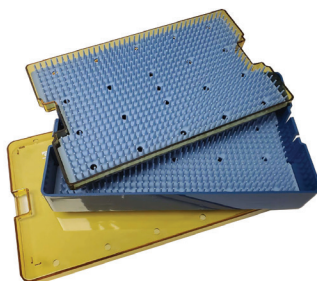


1	14-040T	Lieberman Temporal Speculum, Rounded «V» Shaped Blades, Titanium
2	6-10/6-053	Side-Port Diamond Knife, Trifacet Blade, Straight Titanium Handle
3	6-20/6-144	Phaco Diamond Knife, Trapezoid Blade 1.80/2.00 mm, Angled Titanium Handle
4	4-0312S	Microcoaxial Capsulorhexis Forceps, Ultrathin, 11.50 mm Jaws, Alignment Mechanism, Stainless Steel
5	7-065	Rosen Phaco Chopper Universal, Round Titanium Handle
	* 7-065D	Disposable Rosen Phaco Chopper, Universal, 6 per Box
6	5-030	Kuglen Iris Hook, Angled, «H»-Shaped Tip, Round Titanium Handle
	* 5-030D	Disposable Kuglen Iris Hook, Angled, 6 per Box
7	7-081-23	Irrigation Handpiece for Bimanual Technique, Curved, 23 Ga, Two Ports on Side 0.35 mm, Titanium Handle
	* 7-0823D	Disposable Set of I/A Handpieces for Bimanual Technique, 23 Ga, 5 Sets per Box
8	7-0821-23	Aspiration Handpiece for Bimanual Technique, Curved, 23 Ga, One Top Port 0.35 mm, Titanium Handle
	* 7-0823D	Disposable Set of I/A Handpieces for Bimanual Technique, 23 Ga, 5 Sets per Box
9	4-0501T	Colibri Corneal Forceps, 0.12mm 1x2 Teeth, Titanium
10	4-0600T	Castroviejo Suturing Forceps, 0.12 mm 1x2 Teeth, 6.00 mm Tying Platform, Titanium
	* 4-0600D	Disposable Castroviejo Suturing Forceps, 0.12 mm, 6 per Box
11	4-174T	McPherson Tying Forceps, 8.00 mm Tying Platforms, Angled, Titanium
	* 4-147D	Disposable McPherson Tying Forceps, Angled, 6 per Box

*not shown

18-305

Sterilization Tray
Silicone Finger Tip Mat
Double Level
Extra Large
254 x 152 x 38 mm
10×6×1.5"





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