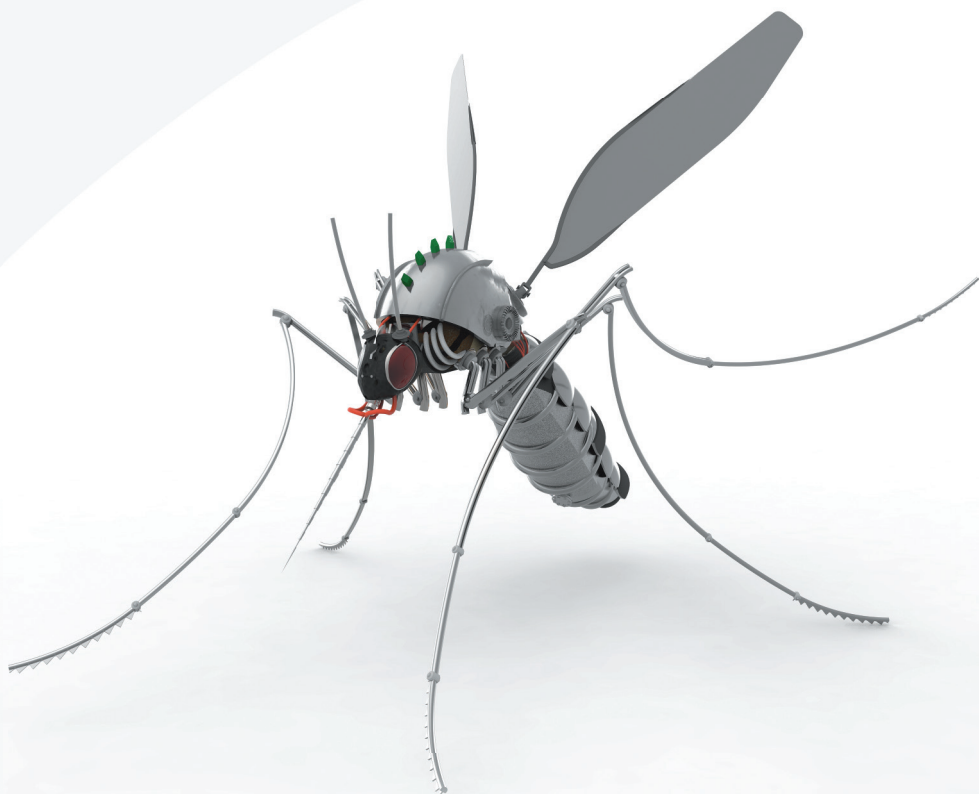




# MICRO & SMALL-INCISION CATARACT SURGERY



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



Disposable instruments



Available in a single-use edition



Frequently bought together



Quantity in the box



With locking mechanism

## CONTENTS

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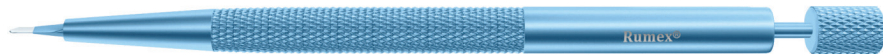
# MICRO & SMALL-INCISION CATARACT SURGERY

## INCISION

### DIAMOND KNIVES

#### Side-Port Diamond Knives

up to 3000  
INCISIONS

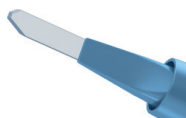


Straight Handle  
with Locking Mechanism



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



#### Trapezoidal 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



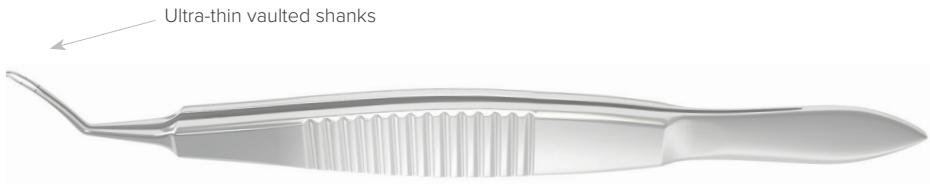
limiter for 2.00 mm



**4-032S**

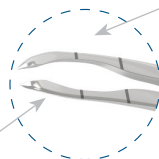
### Small-Incision Capsulorhexis Forceps with Limiter and View-Port

2.00 mm  
incision



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

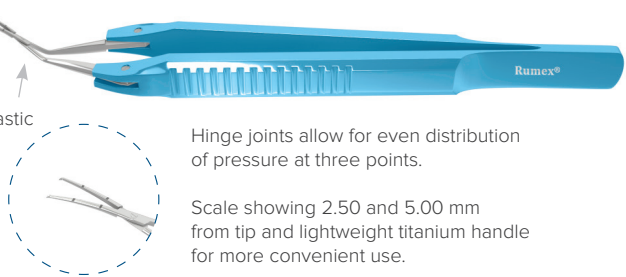
### 4-0395 Cross-Action Capsulorhexis Forceps With Scale

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.

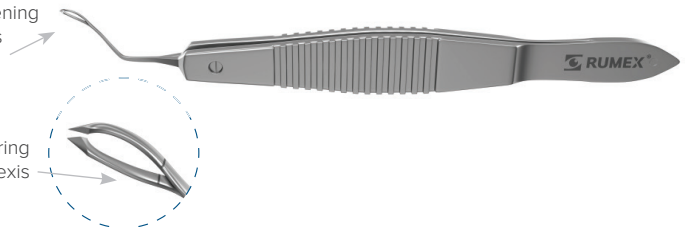
Scale showing 2.50 and 5.00 mm from tip and lightweight titanium handle for more convenient use.

### 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

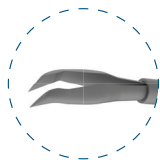
### ONE-PIECE CAPSULORHEXIS FORCEPS WITH RUMEX FLUSHING SYSTEM

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

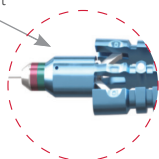


**Complete tool** – no need to adjust the tip to the handle

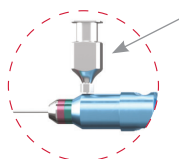
**Delicate cleaning** – flushing liquid streams towards the tips with zero stress for the jaws

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

flushing port



flushing cannula

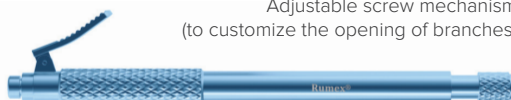


## MICS TIPS + UNIVERSAL HANDLES

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

# MICRO & SMALL-INCISION CATARACT SURGERY

## MICS CAPSULORHEXIS FORCEPS

Micro jaws

0.80 mm incision

Anti-glare matte finishing

Cystotome tips

With fixation wheel

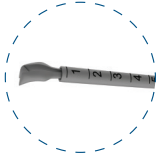
Exquisite gripping function

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

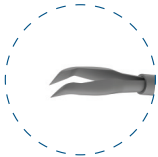
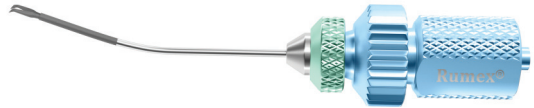
### Kershner One-Pinch Capsulorhexis Forceps, 23 Ga

Sub 1.00 mm  
incision



**4-03731\***

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



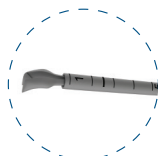
**4-03741\***

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

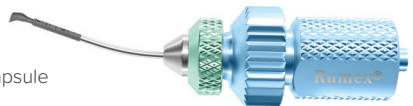
**4-03742\***

### Lesieur Capsulorhexis Forceps with Internal Ruler, 23 Ga

Sub 1.00 mm  
incision



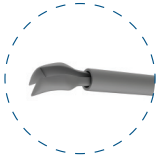
- Shorter jaws facilitate gripping the capsule  
close to the wound
- 7 laser marks for perfect sizing of the rhexis:  
1.00, 2.00, 2.50, 3.00, 4.00, 5.00 and 6.00 mm



**4-03751\***

**Fine-Ikeda Capsulorhexis Forceps, 23 Ga**

Sub 1.00 mm  
incision

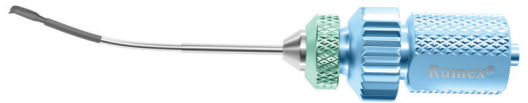


Shorter branches of 0.80 mm for capsulorhexis through a side-port incision

**4-03771\***

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

Sub 1.00 mm  
incision

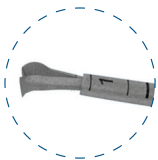


The construction of the forceps shows least adverse effect on the wound. Serrated tips provide secure grip of the capsule.

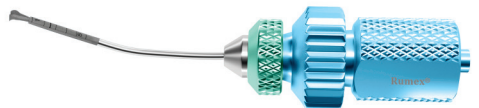
**4-03791\***

**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.

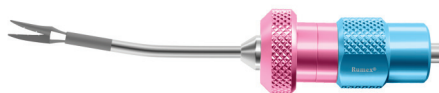
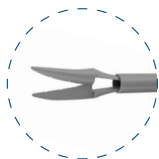
# MICRO & SMALL-INCISION CATARACT SURGERY

## IOL COMPLICATIONS MANAGEMENT

### ROWEN RESCUE KIT, REUSABLE

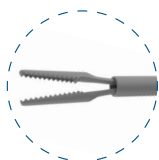
To be used for  
foldable IOLs

#### 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

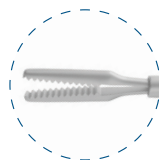
#### 4-2173D IOL Scissors, 19 Ga

STERILE  



#### 4-2150D IOL Forceps, 20 Ga

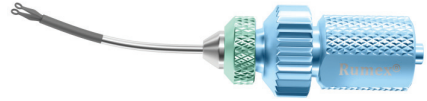
STERILE  



**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**

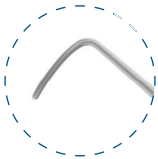


- Serrated design to prevent slipping
- The inner surfaces are recessed to reduce intra-cartridge pressure.

**13-061**

**Holz Zonule Defender**

**NEW**



- 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

\*Tip only. 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

## MULTI-PURPOSE MICS FORCEPS & NEEDLE HOLDERS

Micro jaws

0.80 mm incision

Anti-glare matte finishing

Cystotome tips

With fixation wheel

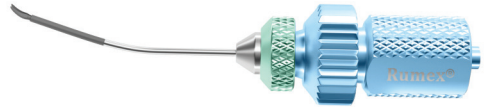
Exquisite gripping function

Stiff and flexible Stainless Steel tube

**4-1891\***

**Intraocular Tying Forceps, 23 Ga**

Sub 1.00 mm  
incision

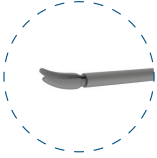


Micro-jaws for convenient intraocular suturing

**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

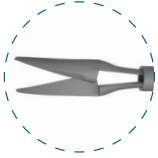
Exquisite gripping function

Stiff and flexible Stainless Steel tube

**11-03721\***

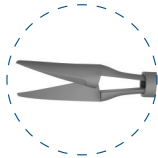
**Zaldivar Iridectomy Scissors, 23 Ga**

Sub 1.00 mm  
incision



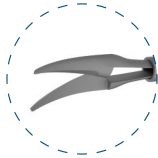
- Can be used through paracentesis incision
- The blades are curved for easy cutting

**Side-Port Capsulotomy Scissors, 20 Ga**



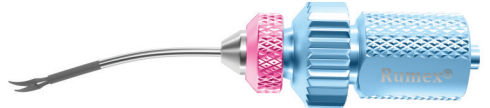
**11-03741\***

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

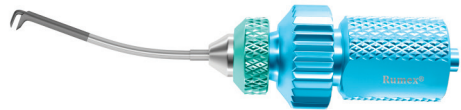
**7-143\***

**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

2×0.35 mm  
Side ports



**Irrigation**



Curved tube with a smooth faced tip  
Standard connector

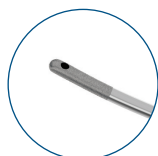
Irrigates anterior chamber, maintaining its stability  
and providing for maximal cortex removal.

**7-0821-23**

### Aspiration Handpiece for Bimanual Technique



**Aspiration**



Curved tube with a texturized capsule polisher tip  
Standard connector  
1×0.35 mm top port

### 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**



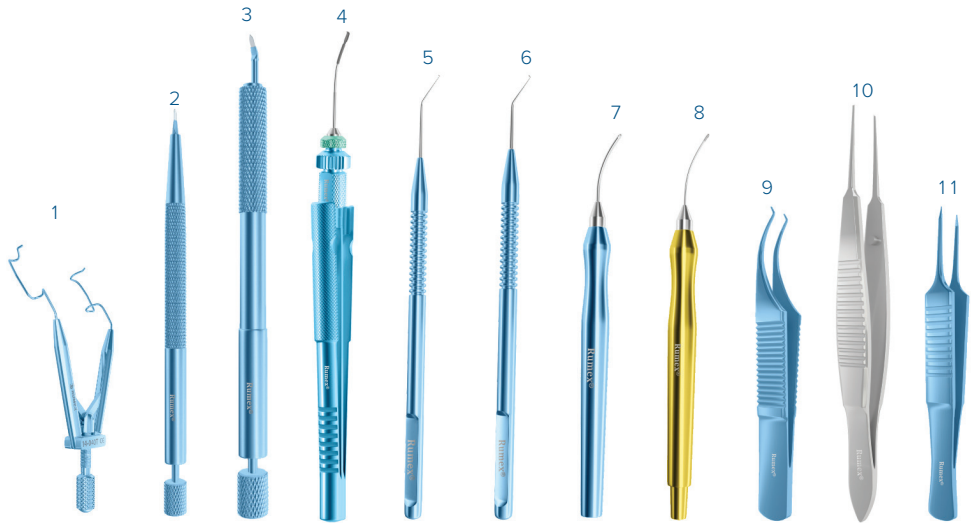
Double-ended instrument for Femtosecond cataract procedure combining a chopper and a spatulated tip for nuclear, epinuclear and cortical fragments manipulating



# MICRO & SMALL-INCISION CATARACT SURGERY

## CATARACT SET 1.8

1,80 mm  
incision

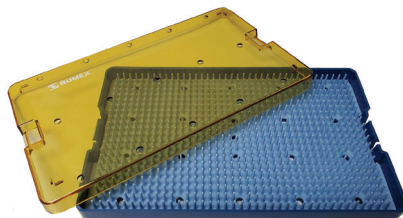


1	14-040T	Lieberman Temporal Speculum, Rounded «V» Shaped Blades, Titanium
2	6-10/6-050	Side-Port Diamond Knife, 45° Single Edge Blade, Straight Titanium Handle
	* SP-45	Disposable Side-Port Knife, Double Bevel, 1.00 mm, 45°, Straight, Safety System, 6 per Box
3	6-20/6-143	Phaco Diamond Knife, Trapezoid 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

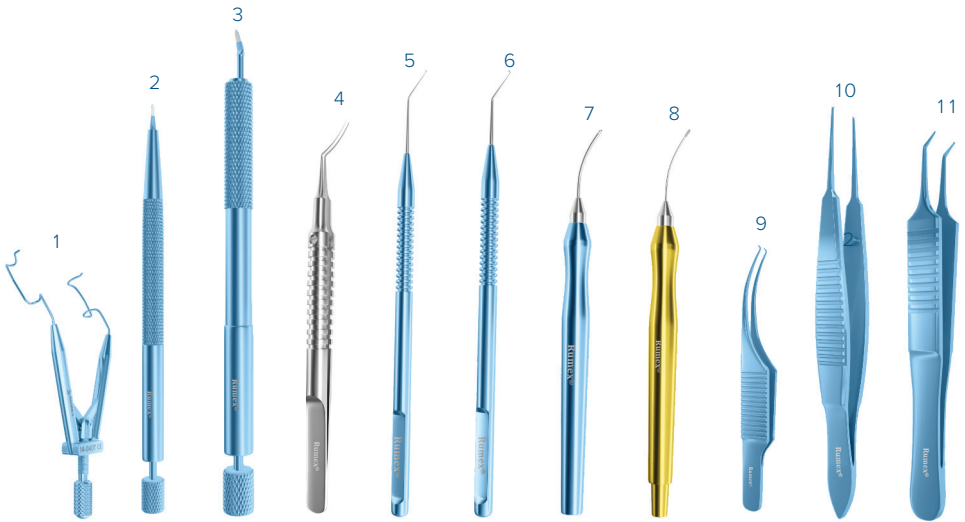
Sterilization Tray  
Silicone Finger Tip Mat  
Single Level  
Extra Large  
254 x 152 x 19 mm  
10×6×0.75"



# MICRO & SMALL-INCISION CATARACT SURGERY

## CATARACT SET 2.0

2,00 mm  
incision

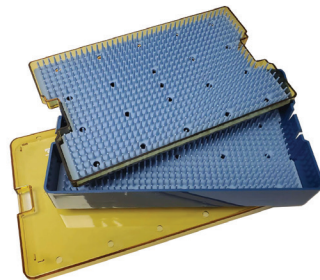


1	14-040T	Lieberman Temporal Speculum, Rounded «V» Shaped Blades, Titanium
2	6-10/6-053	Side-Port Diamond Knife, Trifacet Blade, Straight Titanium Handle
3	6-20/6-144	Phaco Diamond Knife, Trapezoid Blade 1.80/2.00 mm, Angled Titanium Handle
4	4-0312S	Microcoaxial Capsulorhexis Forceps, Ultrathin, 11.50 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
	* 4-174D	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  
10x6x1.5"








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