MASROOR INSTRUMENTS

MANUFACTURERS & EXPORTERS EYE INSTRUMENTS

CATALOG

EYE

INSTRUMENTS

SMALL / MICROINCISION INSTRUMENTS

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

MI-0312S

Inamura Type

Rumex Capsulorrhexis Forceps
- Designed to fit throught incisons 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

MI-0391S – Jaws 10 mm for corneal incision
MI-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

MI-1162S

Knives for Small and Micro Incision Coaxial Surgery

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

MI-20/6-140 – 0.5 /1.0 mm width
MI-20/6-141 – 0.8 /1.2 mm width
MI-20/6-142 – 1.30/1.50 mm width
MI-20/6-143 – 1.50/1.80 mm width
MI-20/6-144 – 1.80/2.00 mm width
MI-20/6-145 – 1.80/2.20 mm width

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

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.

Benefits

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

RUMEX Handle for Microincision Instruments

Ergonomic Design
Two Fingers Control Squeeze Model

MI-003T

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.

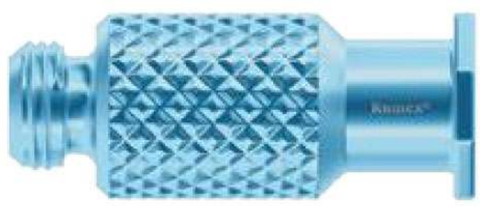
Manual Cleaning

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 micro incisional tip.
Provided with each tip free of charge!

MI-000T



* Tips are sold separately!

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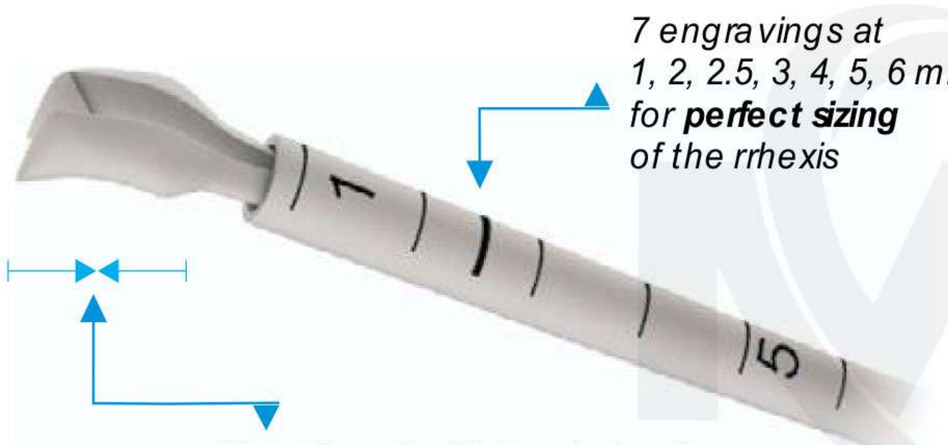
Any mistake when creating capsulorrhexis can quickly lead to serious complications. That's why a properly managed well-centered capsulorrhexis is the determinative phase of phacoemulsification.

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 rrhexis*

Short jaws *facilitate gripping the capsule close to the wound*

Lesieur

Tip only

Capsulorrhexis Forceps with Internal Ruler
Compatible with Squeeze Handle 12-003T

MI-03742* 23 Ga

Tapered shaft

Kawai

Tip only

Capsulorrhexis Forceps

- Curved tapered elongate 23/25 Ga shaft
  Designed to perform capsulorrhexis 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)

MI-03771* 23/25 Ga

* Handles are sold separately!

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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

MI-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

MI-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

MI-0374* – 2 engravings at 3, 6 mm
MI-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

MI-03751* 23Ga

* Handles are sold separately!

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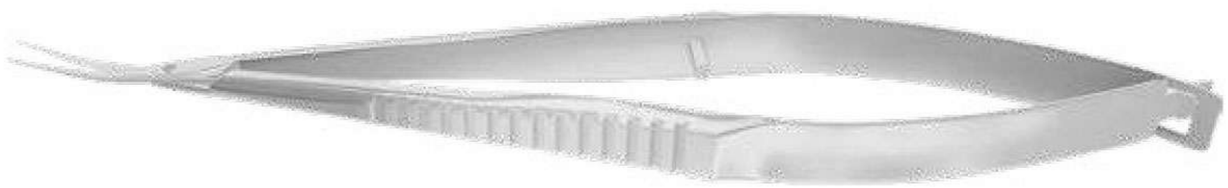
Stitch Scissors

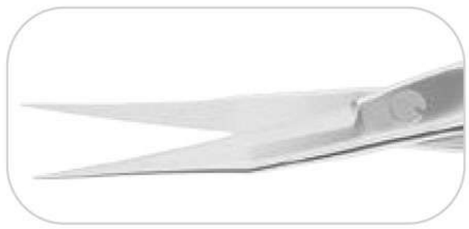
Westcott

Most Popular

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

MI-044S Standard jaws (shown)
MI-125S Westcott type slim jaws

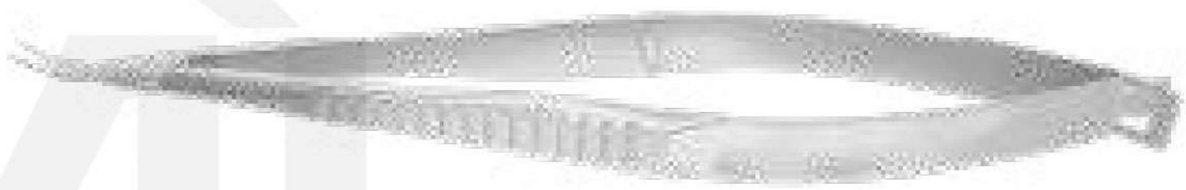




Westcott

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

MI-046S Flat Handle (shown)
MI-047S Round Handle



Strabismus Scissors

Knapp

Strabismus Scissors
- Ring handle
  Overall length 125 mm
  Stainless Steel

MI-100S Straight (shown)
MI-101S Curved

Iris Scissors

Zaldivar

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

MI-03721* 23 Ga

McPherson-Vannas

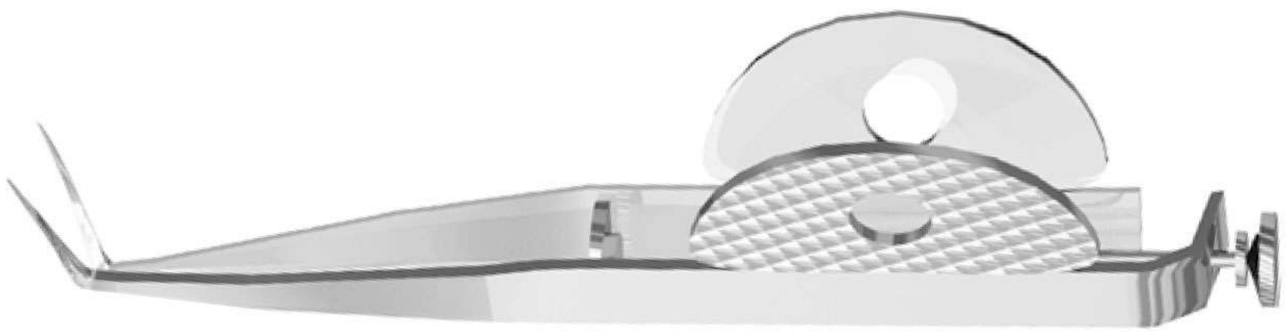
Iris Scissors
- Straight
- 8 mm blades
- Sharp pointed tips
- Round handle
  Overall length 85 mm
  Stainless Steel

MI-062S

Iris Scissors

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

MI-080S Straight (shown)
MI-081S Curved



Barraquer

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

MI-1223

* Handles are sold separately!

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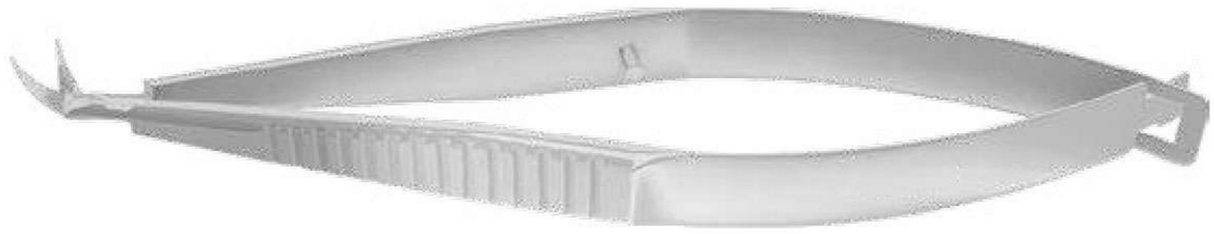
Castroviejo

Corneal Section Scissors
- Lower blade 0.5 mm longer than upper blade
- 14 mm blades

Overall length 106 mm
Stainless Steel

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



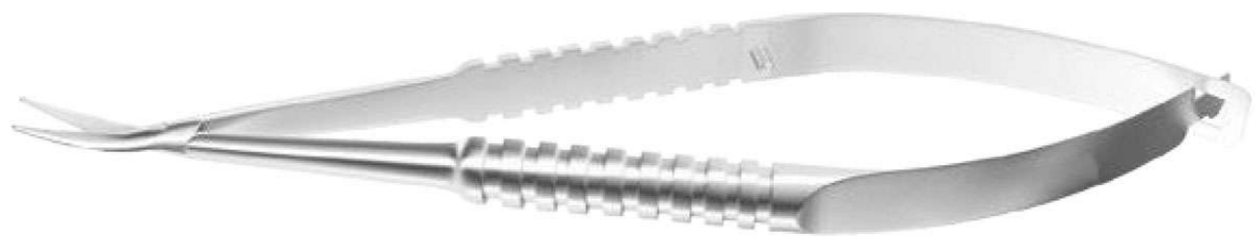
Corneal

Most Popular

Universal Scissors
- Round handle
- Blunt tips

Overall length 110 mm
Stainless Steel

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

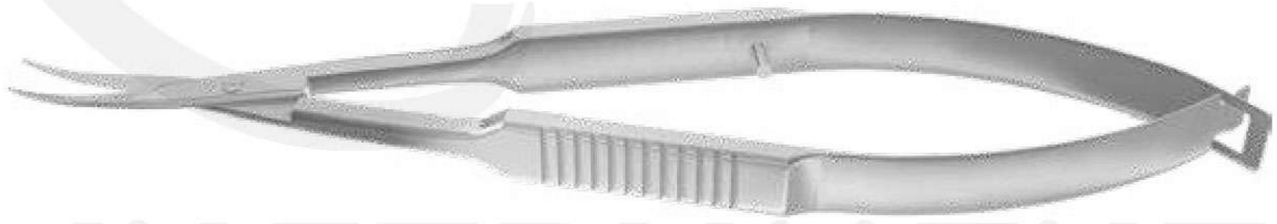


DLEK

Corneal Transplant Scissors
- Long blades

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

MI-036S	Medium curve
MI-0361S	Strong curve



11-036S

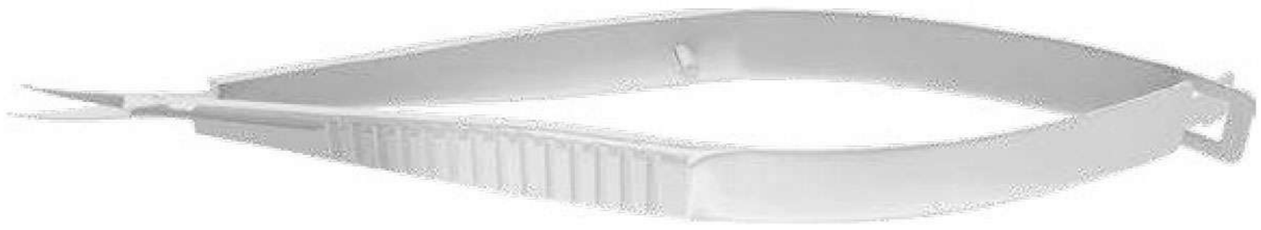
11-0361S

DALK

Corneal Transplant Scissors
- Blades with blunt legde (Descement'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



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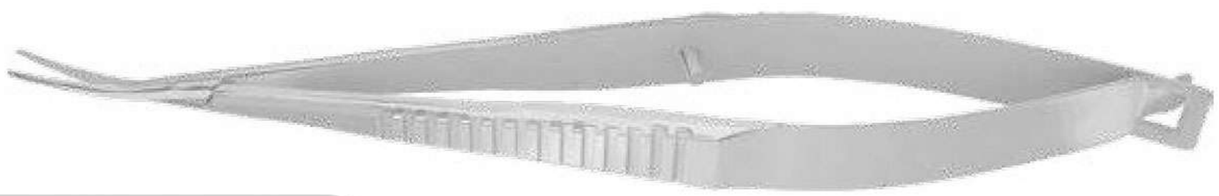
Corneal Scissors

Castroviejo

Corneal Scissors
- Curved
- 11 mm blades
- Blunt tips

Overall length 100 mm
Stainless Steel

MI-010S	Left (shown)
MI-0101S	Right



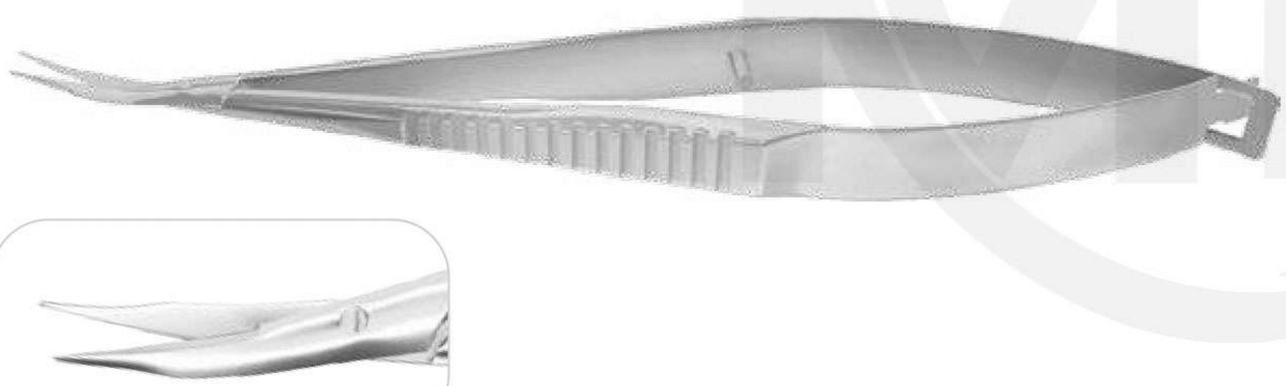
Castroviejo

Most Popular

Universal Corneal Scissors
- Blunt tips

Overall length 102/106 mm
Stainless Steel

MI-011S	7,5 mm blades
MI-012S	11 mm blades (shown)



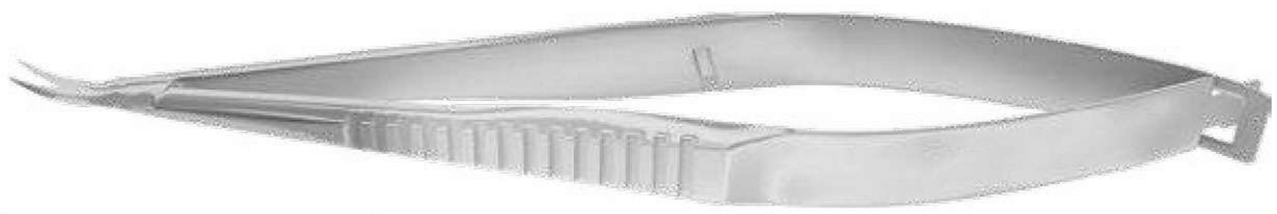
Osher

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

MI-013S



Castroviejo

Universal Corneal Scissors
- Curved
- 16 mm blades
- Blunt tips

Overall length 110 mm
Stainless Steel

MI-015S

Katzin

Corneal Transplant Scissors
- Strongly curved
- Medium blades
- Blunt tips

Overall length 100 mm
Stainless Steel

MI-020S	Left (shown)
MI-0201S	Right

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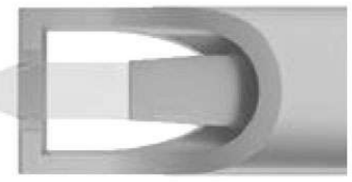
LRI Knives

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

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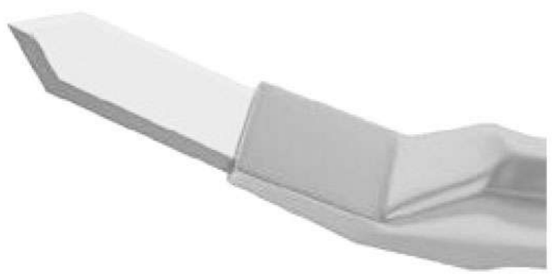
Angled Phaco Knives

Angled Phaco Knives

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

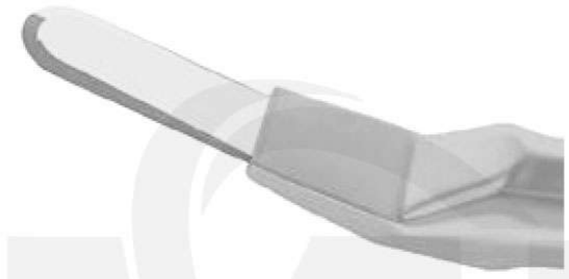
Clear Cornea Blades

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



Facet-Free Crescent Blades

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



Trapezoid Self-Diving Blades

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

Profile of the incision directed to the Anterior Chamber

Most Popular

Knives for MICS

Knives for Micro Incision Coaxial Surgery (MICS)

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

Trapezoid Self-Diving Blades

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

Zaldivar Blade

MI-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

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Astigmatic Keratotomy

Astigmatic Keratotomy Knives

Micrometric Handle, Titanium

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

MI-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

MI-10/6-056
1.00 mm width

Universal Straight Side Port Knives

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

MI-10/6-050
45° Single Edge
1.00 mm width

MI-10/6-0501
45° Double Edge
0.60 mm width

MI-10/6-051
30° Single Edge
1.00 mm width

MI-10/6-052
45° Double Edge
1.00 mm width
Most Popular

MI-10/6-053
Trifacet
1.00 mm width
Most Popular

MI-10/6-0531
20° Trifacet
1.00 mm width

MI-10/6-054
15° Single Edge
1.00 mm width

MI-10/6-070
Lancet 60°
1.00 mm width

MI-10/6-071
Lancet 60°
0.80 mm width

MI-10/6-076
Multi-Incision
1.00 mm width

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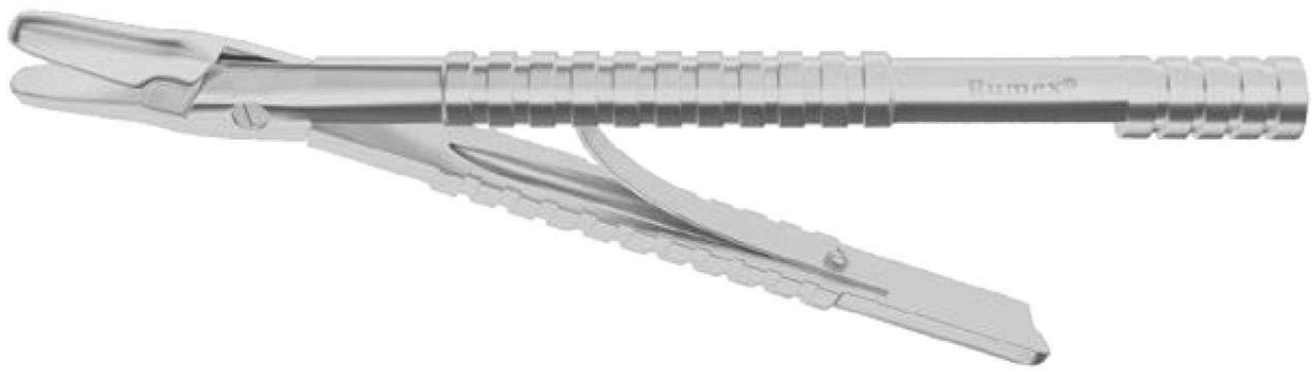
Blade Holders



Blade Holders

Most Popular

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

MI-010T

Bard Parker Handle

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

MI-020S

MASROOR INSTRUMENTS

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Velasquez

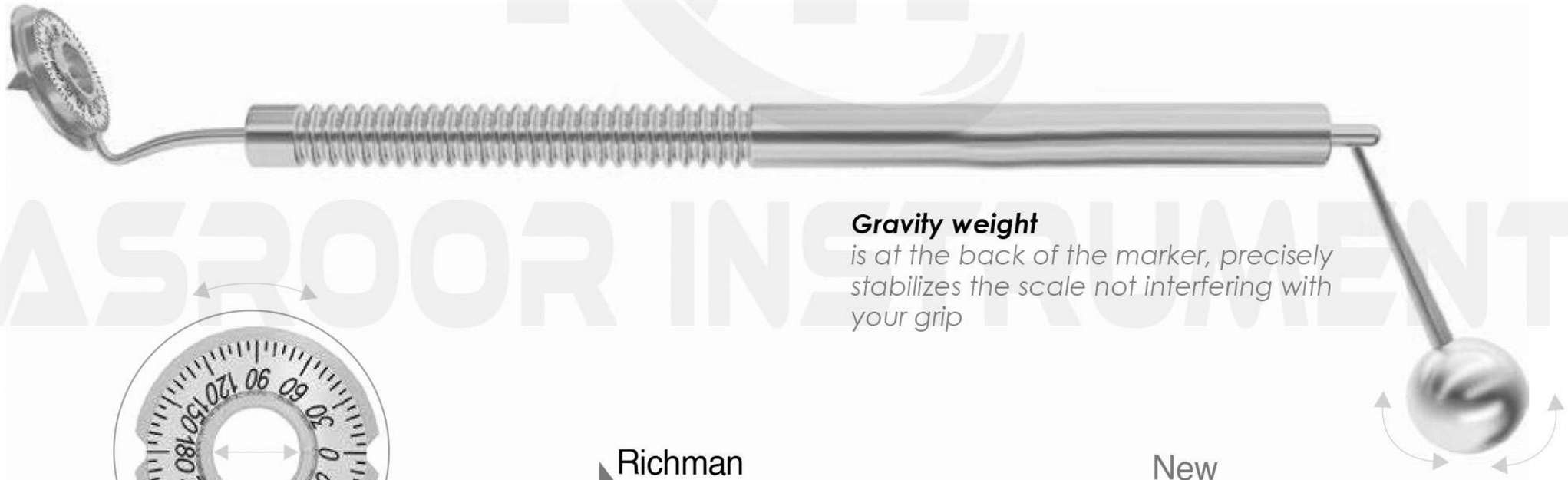
New

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

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

MI-195 Angled shaft



Richman

New

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

- 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

MI-196 Angled shaft

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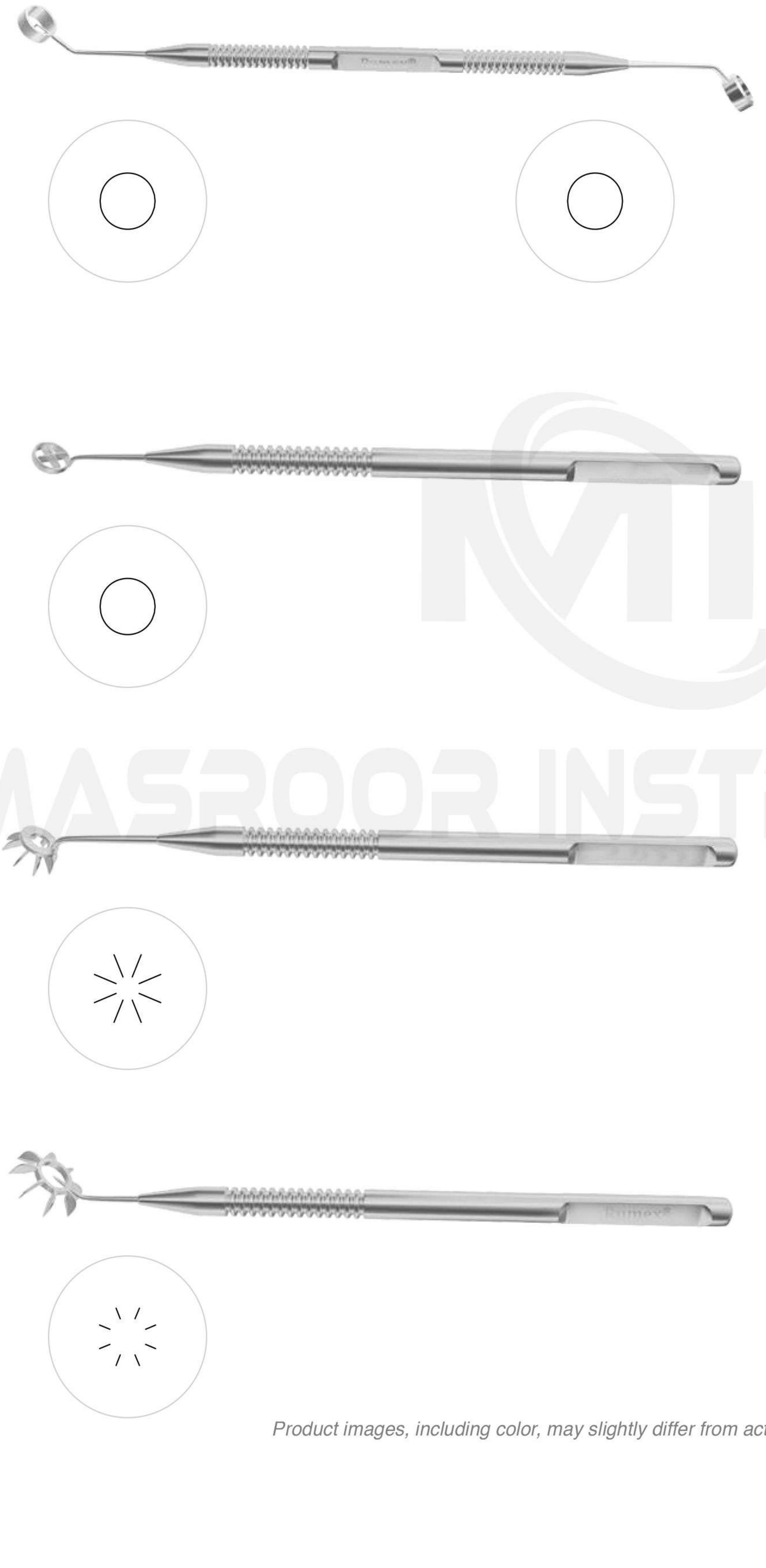
Capsulorrhexis Markers
Optical Zone / Corneal Transplant Markers



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

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

Osher-Neumann

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

MI-0304T

Corneal Transplant

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

MI-140T

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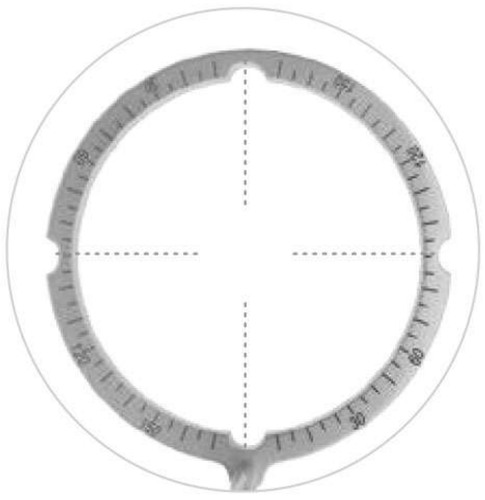
The optimal placement of Toric IOL is essential, because a slight misalignment leads to error of correction, loss of image clarity and it is impossible to resolve the problem without re-operation. A pair of instruments helps to produce accurate marks for the desired axis of Toric IOL alignment.



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

MI-034T

Bores

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

MI-091T

PERFECT COMBINATION!

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

MI-0311T	ID 13mm/ ED 18mm
MI-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

MI-030T Most Popular
- ID 13mm/ ED 19mm
- Overall length 134 mm

MI-033T
- With 4 grooves for better marks visualization
- ID 13mm/ ED 19mm
- Overall length 136 mm

MI-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

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

MI-030T Most Popular
- ID 13mm/ ED 19mm
- Overall length 134 mm

MI-033T
- With 4 grooves for better marks visualization
- ID 13mm/ ED 19mm
- Overall length 136 mm

MI-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

MI-090T

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

Solid Blades Speculums

Sauer

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

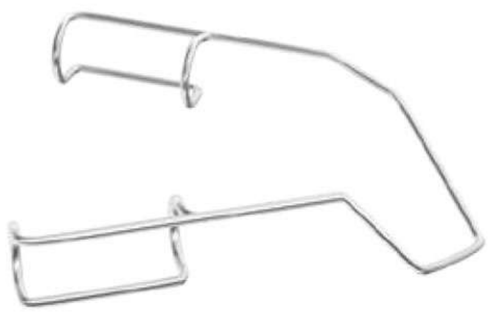
MI-030	child (8mm blades)
MI-031	newborn (5mm blades)
MI-032	premature (4mm blades)

Wire Speculums

Barraquer Most Popular

- Closed wire rounded blades
  Stainless steel

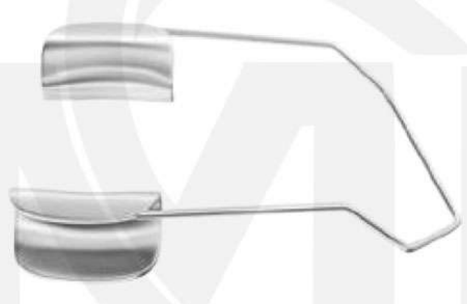
MI-022S	adult	(14mm blades)
MI-023S	child	(11mm blades)
MI-024S	infant	(10mm blades)
MI-0244S	newborn	(5mm blades)



Barraquer Most Popular

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

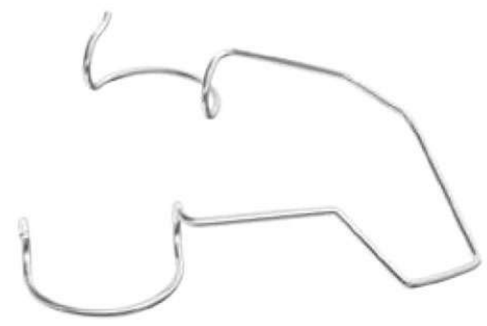
MI-028S	adult
MI-0281S	child



Barraquer Most Popular

- Solid blades
  Stainless steel

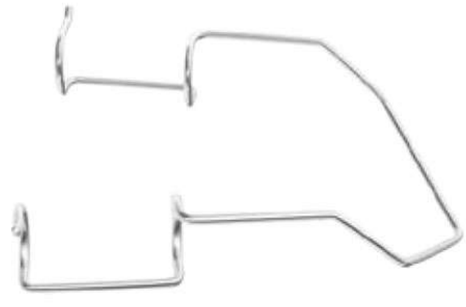
MI-0221S	adult	(14mm blades)
MI-0231	child	(11mm blades)
MI-0241S	newborn	(5mm blades)
MI-0222S	premature	(4mm blades)



Barraquer

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

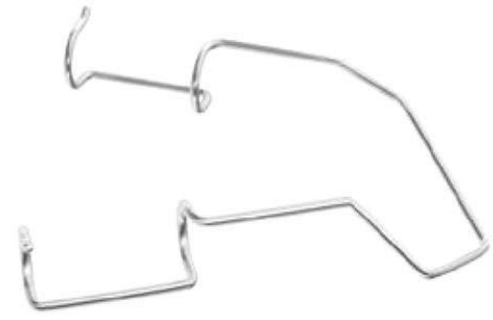
MI-0282S	adult
MI-0283	child



Barraquer

- Open blades
  Stainless steel
  Overall length 45 mm

MI-025S	adult
MI-026S	child



Barraquer

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

MI-0286S	adult
MI-0287S	child

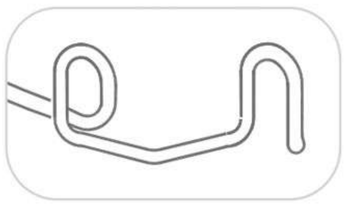
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Nasal Speculums Lieberman Style

Lieberman Style

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

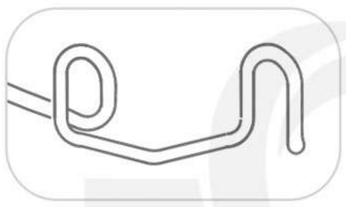
MI-041T	adult
MI-043T	child



Lieberman Style

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

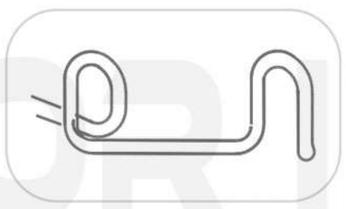
MI-0411T	adult
MI-0431	child

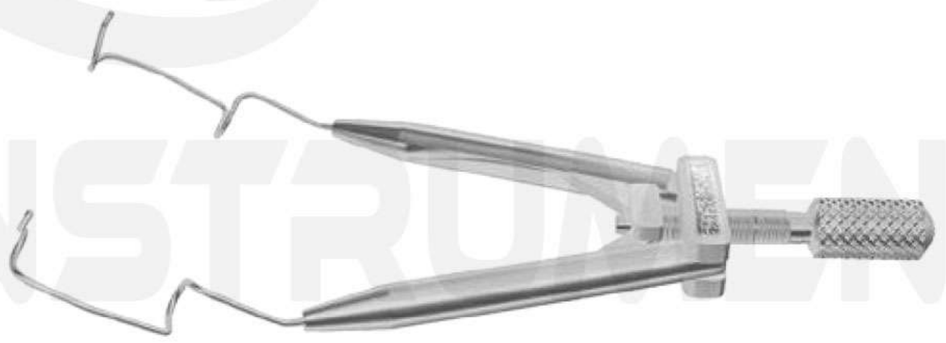


Lieberman Style

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

MI-041TK	adult



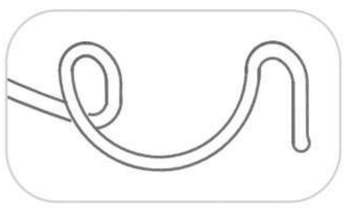


Lieberman Style for LASIK

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

MI-0411TL	adult

Specially designed to accommodate microkeratome suction ring



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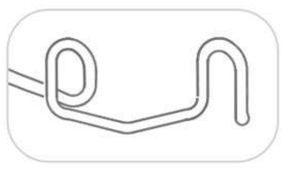
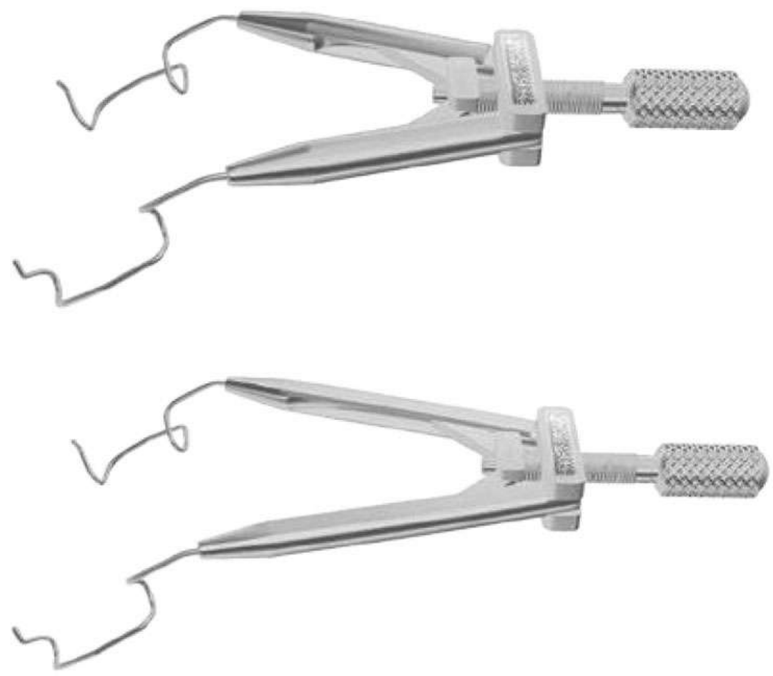
Temporal Speculums Lieberman Style

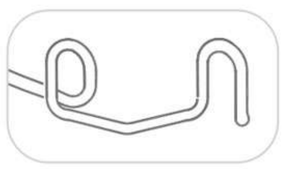




Lieberman Style Most Popular

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

MI-040T adult
MI-042T child



Lieberman Style

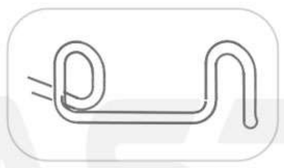
- Temporal
- «V» style open blades
- Flat branches
  Titanium
  Overall length 76 mm

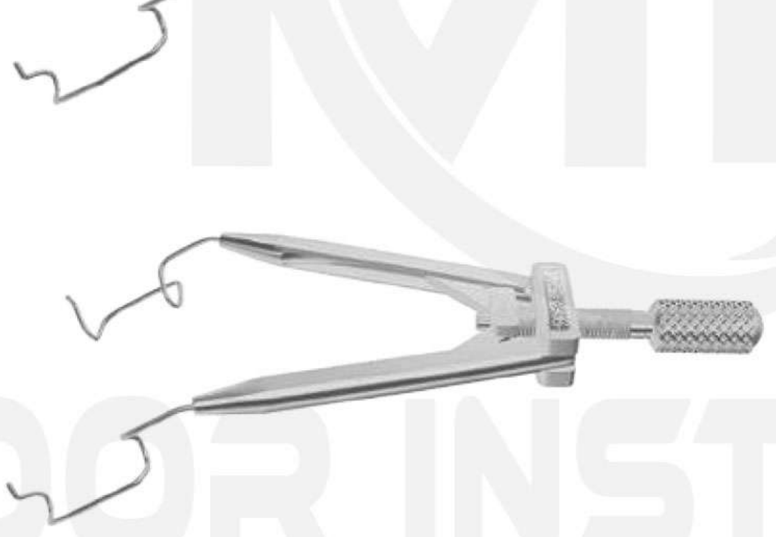
MI-0401T adult

Lieberman Style Most Popular

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

MI-040TK adult

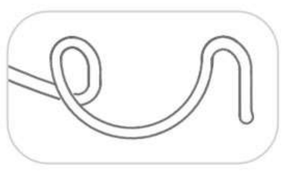




Lieberman Style

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

MI-0401TK adult



Specially designed to accommodate microkeratome suction ring

Lieberman Style for LASIK

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

MI-040TL adult

Lieberman Style for LASIK

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

MI-0401TL adult

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

Castroviejo Speculums

Castroviejo

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

MI-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

MI-062T adult

Kershner

- Solid blades
- Round branches
  Titanium
  Overall length 70 mm

MI-060T adult

Kershner

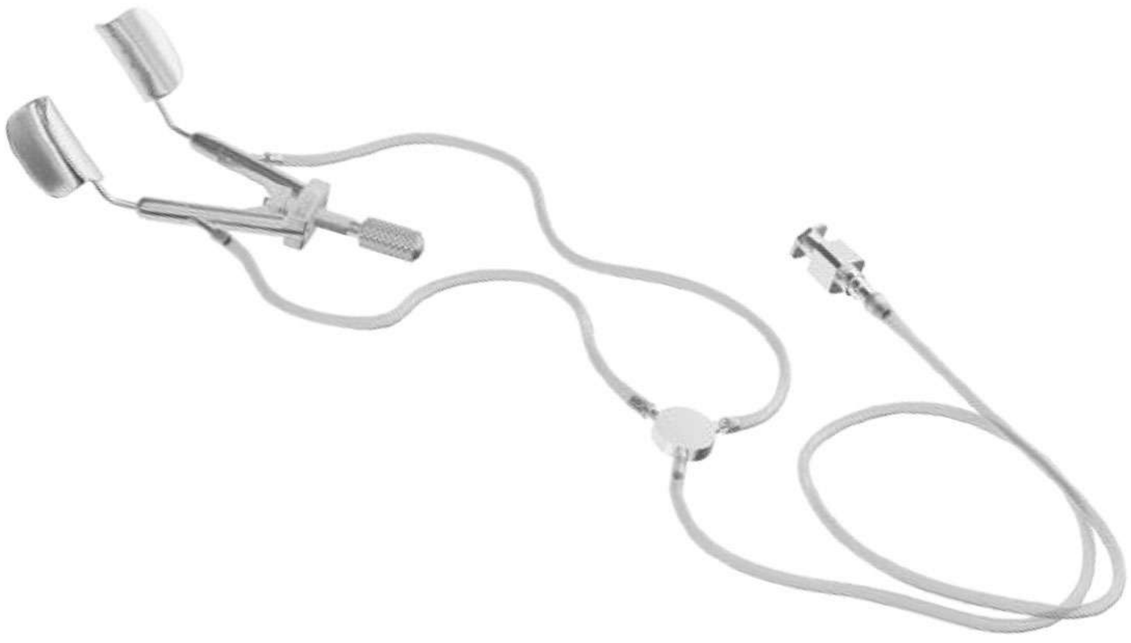
- Solid blades
- Flat branches
  Titanium
  Overall length 70 mm

MI-0601T adult

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

Eye Speculums With Aspiration

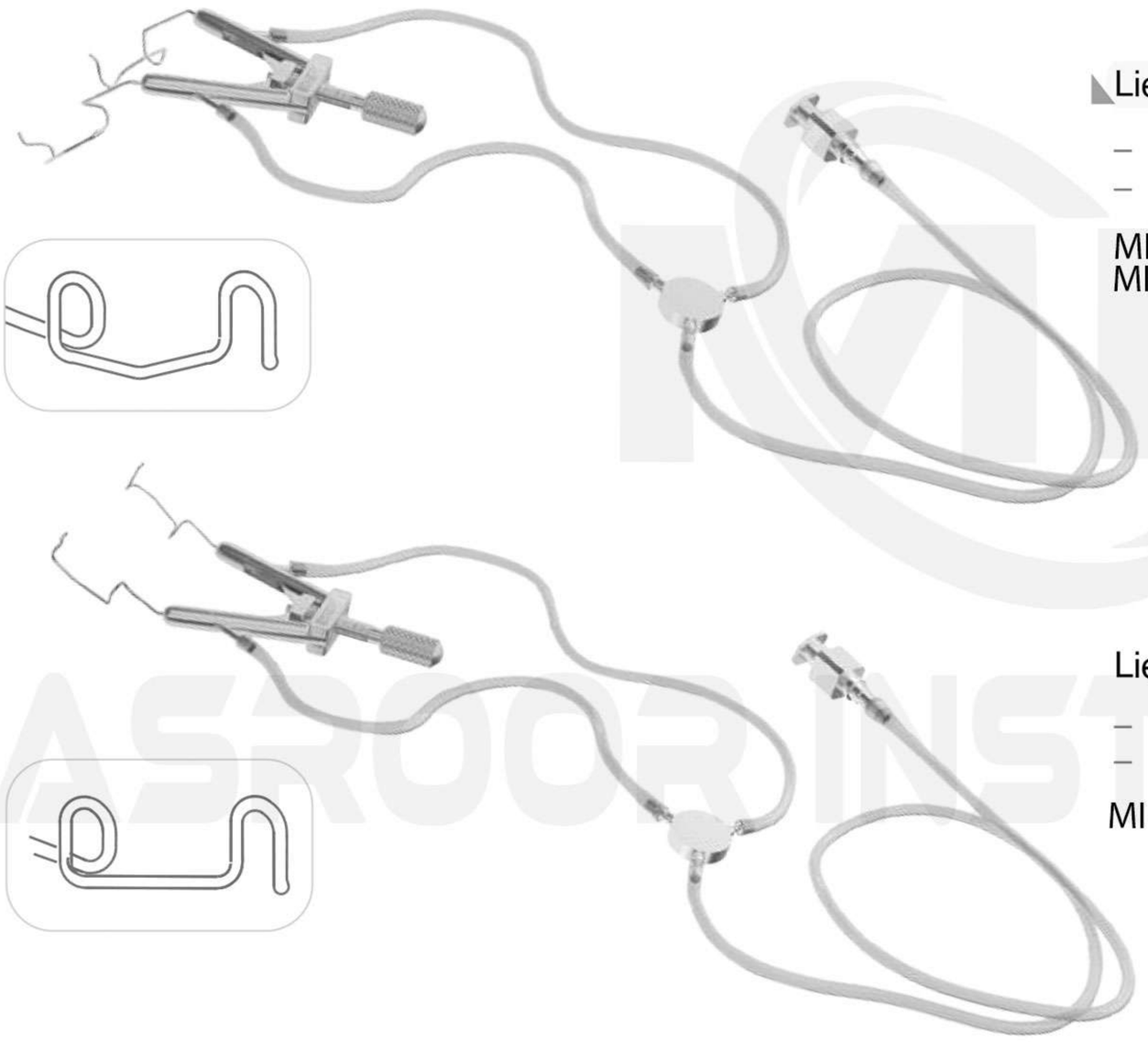
Ports on each blade allow continuous aspiration providing better vision during the operation



Kershner

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

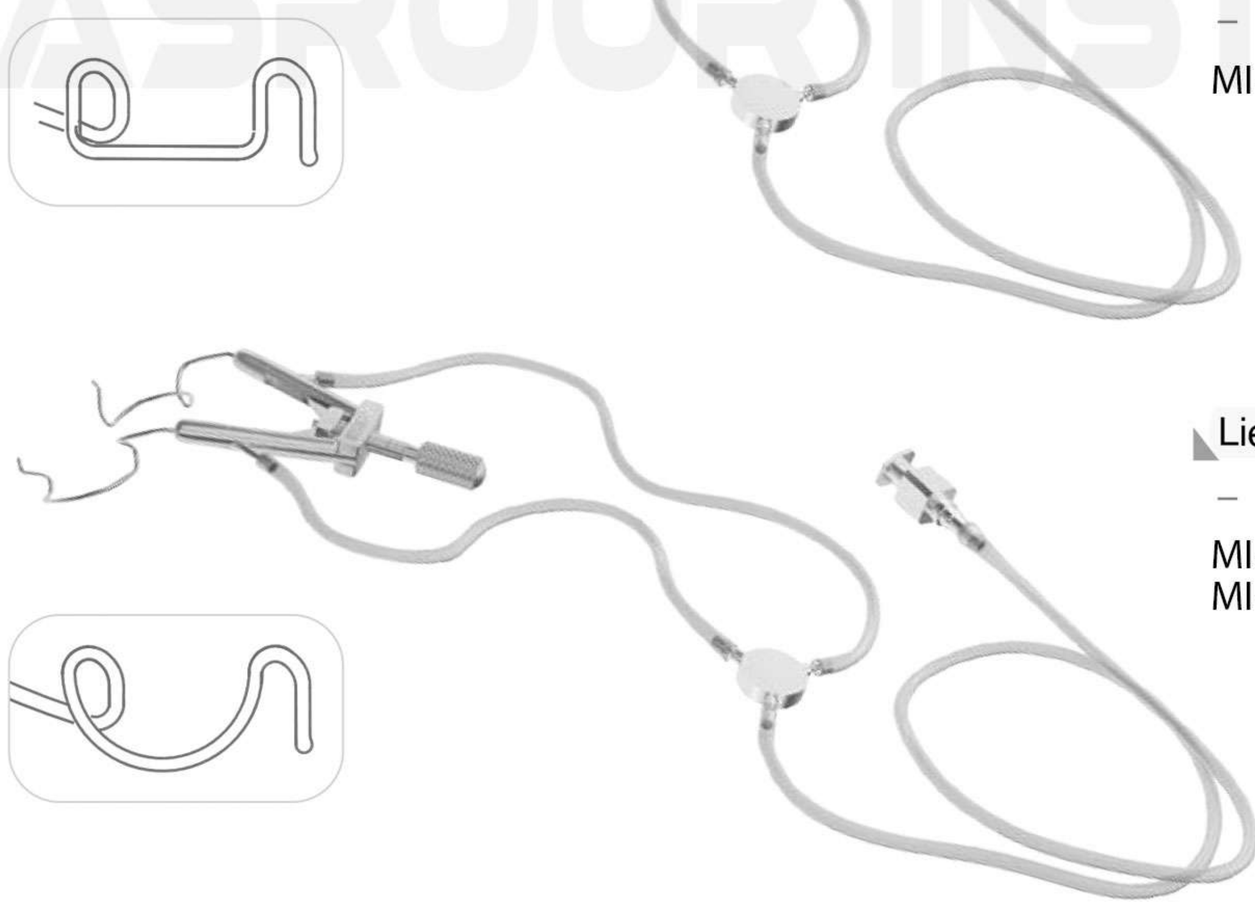
MI-060A	adult



Lieberman Style Most Popular

- Temporal
- «V» style open blades

MI-080 A	adult
MI-082 A	child



Lieberman Style

- Nasal
- Kratz style open blades

MI-081KA	adult

Lieberman Style for LASIK Most Popular

- Rounded open blades

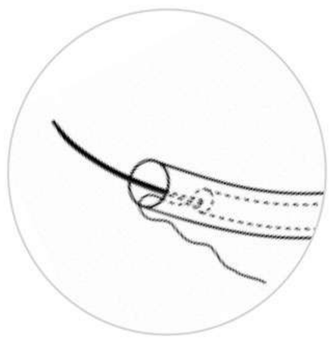
MI-080LA	temporal
MI-081LA	nasal

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



MI-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

MI-1211-23* 23 Ga

Tip only

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

MI-0111*

* 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

MI-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

MI-2151* 19 Ga

Scissors

Zaldivar

Iridectomy Scissors

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

MI-03721* 23 Ga

Capsulotomy Scissors

Side Port Capsulotomy Scissors

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

MI-03741* 20 Ga, Left
MI-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

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 capsulorrhexis
- Cystotome tips
- With fixation wheel
  Compatible with Squeeze Handle 12-003T

MI-03761* 23 Ga

Tying Forceps

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

MI-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

MI-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

MI-2145* 21 Ga

* Handles are sold separately!

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

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

MI-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

MI-03741* 23Ga

MI-0374

MI -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

MI-0374* – 2 engravings at 3, 6 mm
MI-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

MI-03751* 23Ga

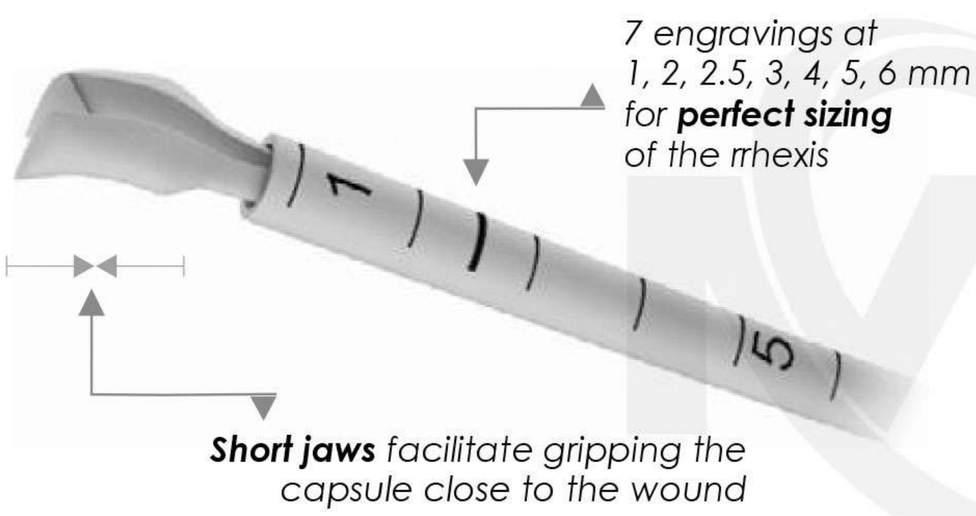
* Handles are sold separately!

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

Any mistake when creating capsulorrhexis can quickly lead to serious complications. That's why a properly managed well-centered capsulorrhexis 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 rrhexis*

***Short jaws** facilitate gripping the capsule close to the wound*

Lesieur

Tip only

Capsulorrhexis Forceps with Internal Ruler
Compatible with Squeeze Handle 12-003T

MI-03742* 23 Ga

Kawai

Tip only

Capsulorrhexis Forceps

- Curved tapered elongate 23/25 Ga shaft
  Designed to perform capsulorrhexis 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)

MI-03771* 23/25 Ga

* Handles are sold separately!

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.

Benefits

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

RUMEX Handle for Microincision Instruments

Ergonomic Design
Two Fingers Control Squeeze Model

MI-003T

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.

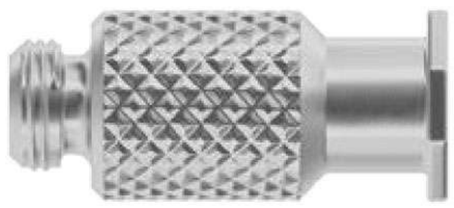
Manual Cleaning

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 micro incisional tip.
Provided with each tip free of charge!

MI-000T

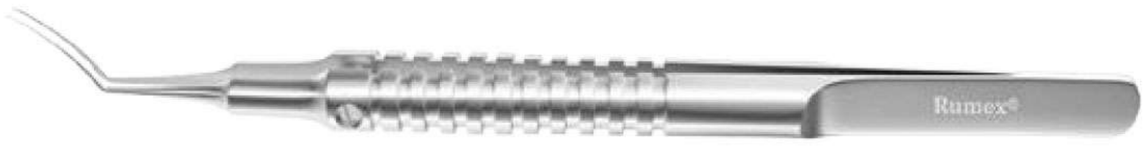


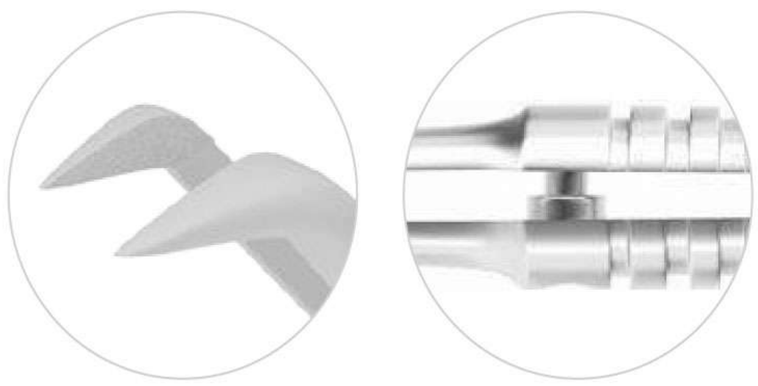
* Tips are sold separately!

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

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 throught incisons 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

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

HOOKS I MUSCLE / RETINAL

Scobee

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

MI-061

Stevens

Tenotomy Hook
- 6 mm flat hook
  Overall length 120 mm

MI-062

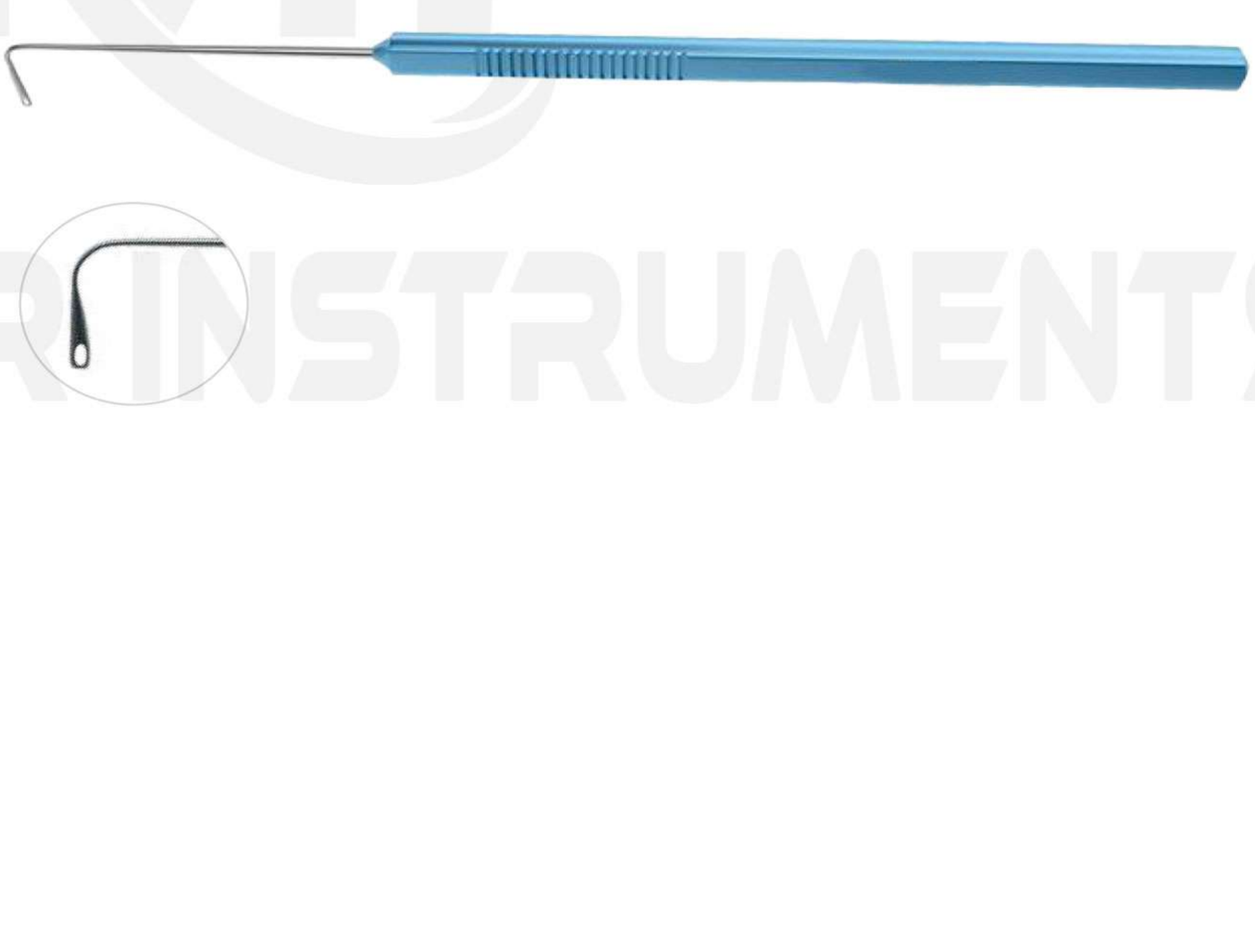
Retinal Detachment Hooks

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

MI-060



MASROORINSTRUMENTS

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

For 4 vitreoretinal instruments

with special silicone plug-in inserts

190 x 101 x 19 mm
7.5 x 4 x 0.75 in

MI-303-1 B - medium

Tray

with silicone finger tip mat

254 x 152 x 19 mm
10 x 6 x 0.75 in

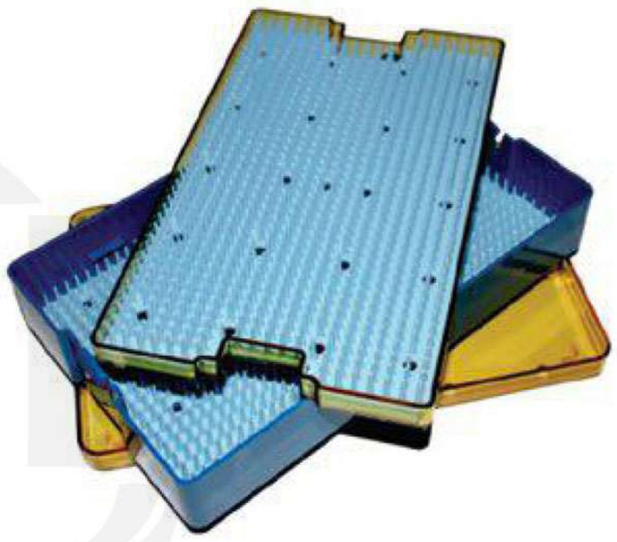
MI-304 A - extra large

Two racks tray

with silicone finger tip mat
two levels base and insert tray

254 x 152.4 x 38 mm
10 x 6x 1.5 in

MI-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

MI-305-1 A - extra large

For vitreoretinal / microincisional tips

68.6 x 38 x 25.4 mm
3 x 1.5 x 1 in

MI-307 F - very small

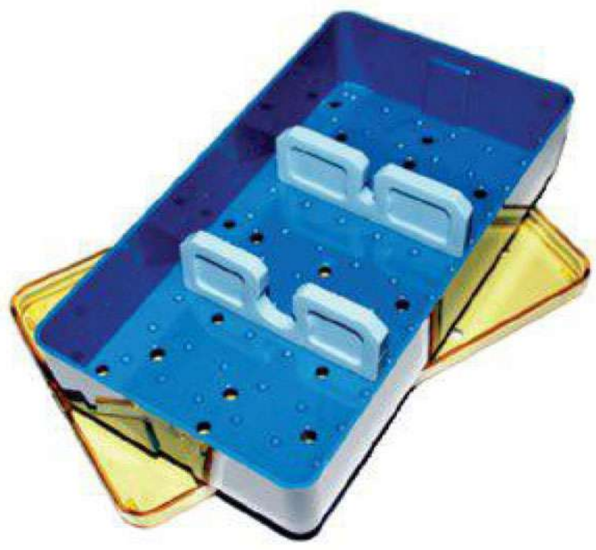
Tray

with mat

190.5 x 63.5 x 19 mm
7.5 x 2.5 x 0.75 in

MI-308 D - long

Sterilization Trays

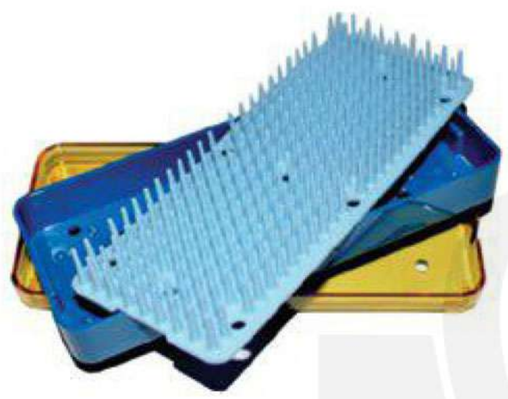


Tray

with 1 special silicone plug-in insert

190 x 101 x 38 mm
7.5 x 4 x 1.5 in

MI-300 B - medium



Tray

with silicone finger tip mat

152 x 63.5 x 19 mm
6 x 2.5 x 1.5 in

MI-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

MI-301-1 E - small

Tray

with silicone finger tip mat

165 x 101 x 19 mm
6.5 x 4 x 0.75 in

MI-302 C - Square

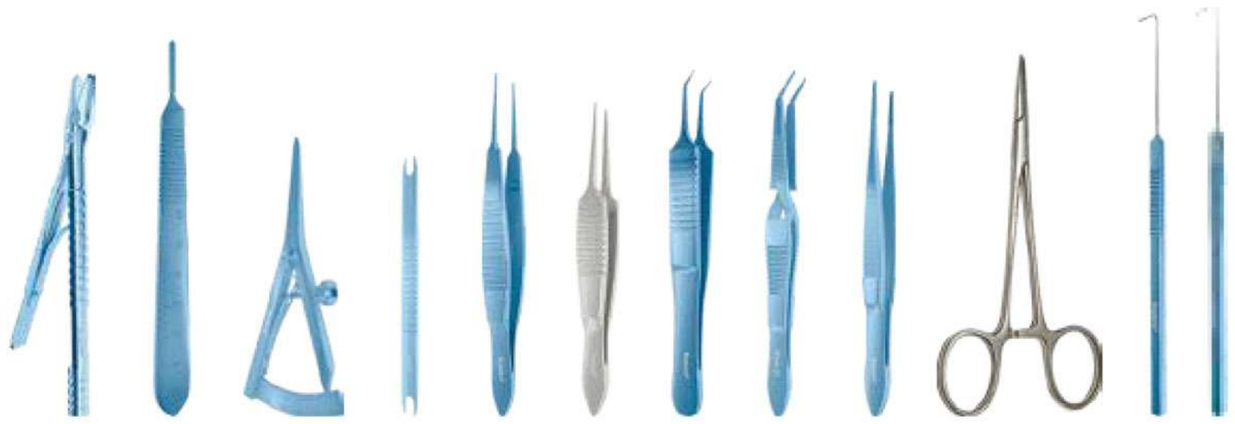
Tray

with silicone finger tip mat

190 x 101 x 19 mm
7.5 x 4 x 0.75 in

MI-303 B - medium

Eye Instruments



20 Ga

23 Ga

25 Ga

Reference	Key	Description	Page
MI-010T	1	Blade Holder	40
MI-0600T	2	Castroviejo Suturing Forceps, .12mm 1x2 Teeth	65
MI-0741S	3	Adson Fixation Forceps, .5mm 1x2 Teeth	59
MI-171T	4	McPherson Straight Tying Forceps	66
MI-2300T	5	Bonaccolto Conjunctiva Forceps	67
MI-031T	6	Barraquer Needle Holder, Curved	81
MI -080S	7	Straight Iris Scissors	46
MI-040T	8	Lieberman Temporal Speculum	30
MI-051-2.5	9	Power Handle with 2.5 mm Diamond Dusted Burr Round Shaped	117
MI-051-3.5B	10	Diamond Dusted Burr 3.5 mm Diameter Round Shaped	117
MI-052-5.0B	11	Diamond Dusted Burr 5.0 mm Diameter Disk Shaped	117
MI-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

* not shown

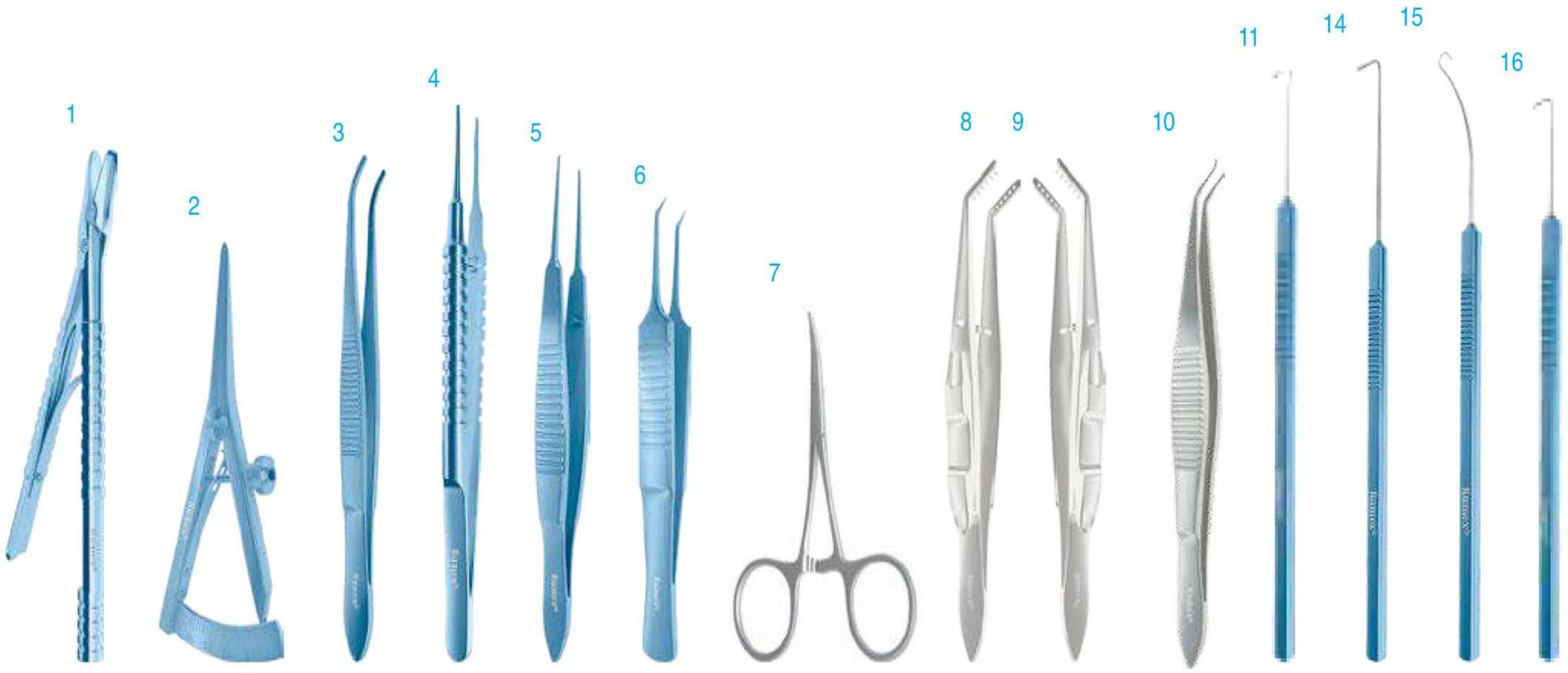
Eye Instruments

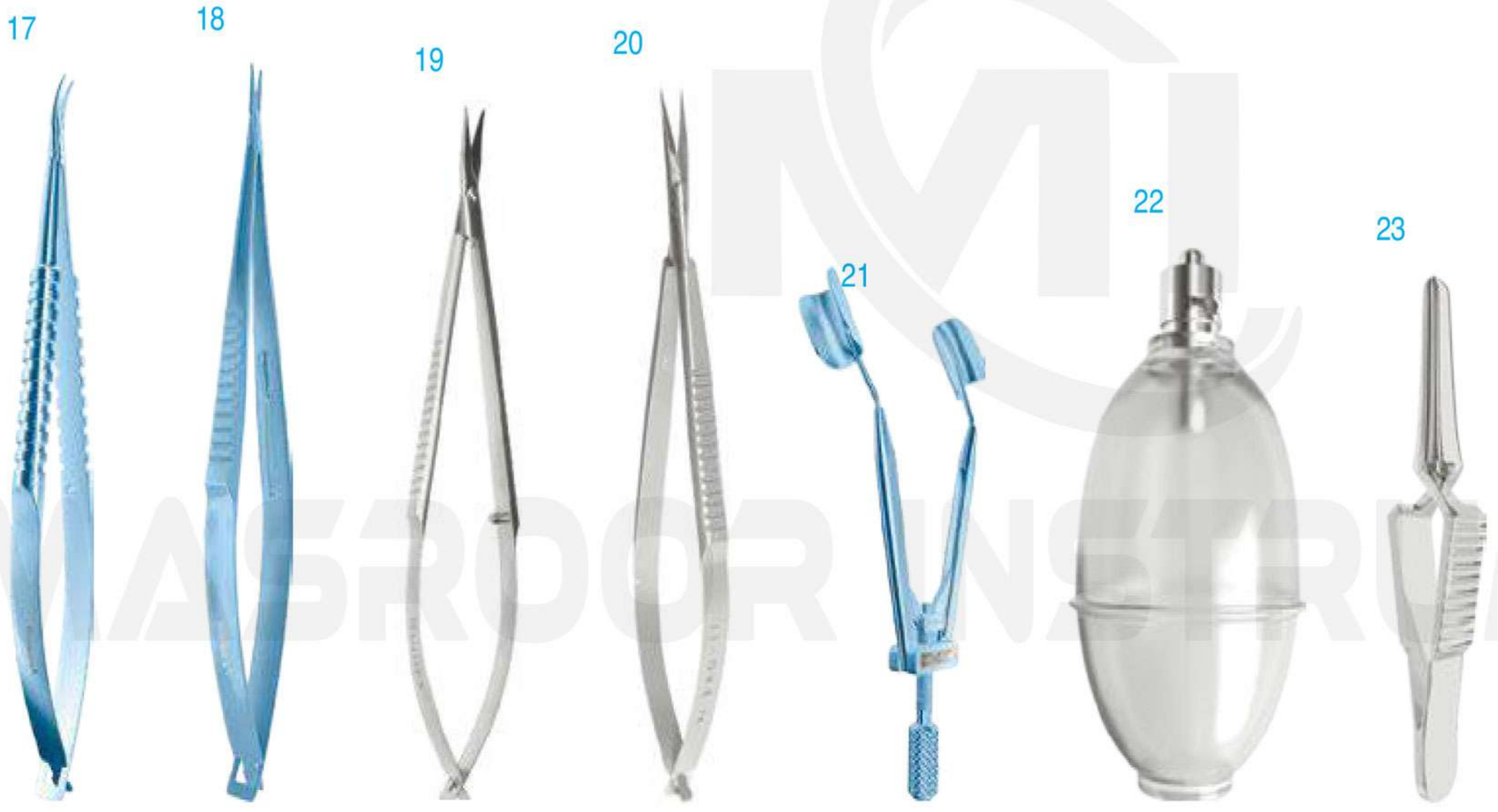
Reference	Key	Description	Page
MI-020S	1	Bard Parker Handle	40
MI-120S	2	Hartman Mosquito Forceps, Straight, Short	64
MI-140T	3	Putterman Type Lid Clamp	54
MI-1906T	4	Desmarres Chalazion Forceps, Large	54
MI-0741S	5	Adson Fixation Forceps, .5mm 1x2 Teeth	59
MI-0822T	6	Castroviejo Fixation Forceps, .5mm 1x2 Teeth	59
MI-042	7	Graefe Muscle Hook, Size 2	70
MI-080T	8	Kalt Needle Holder	82
MI-0921T	9	Castroviejo Needle Holder, straight, w/lock	82
MI-012S	10	Bowman Lacrimal Probe, Size 1-2	84
MI-013S*	11	Bowman Lacrimal Probe, Size 3-4	84
MI-014S*	12	Bowman Lacrimal Probe, Size 5-6	84
MI-015S*	13	Bowman Lacrimal Probe, Size 7-8	84
MI-031	14	Pigtail Lacrimal Probe	84

Reference	Key	Description	Page
MI 050T	15	Wilder Lacrimal Dilator, Size 1	84
MI 051T*	16	Wilder Lacrimal Dilator, Size 2	84
MI 052T*	17	Wilder Lacrimal Dilator, Size 3	84
MI)-014	18	Knapp Lacrimal Sac Retractor	86
MI)-022	19	Desmarres Lid Retractor, Size 2	86
MI -090S	20	Curved Enucleation Scissors, Short	49
MI -133S	21	Stevens Tenotomy Scissors, Straight	48
MI -0601T	22	Kershner Reversible Solid Blade Speculum	29
MI -50S	23	Lid Plate, Stainless Steel	120
MI -061	24	Bunge Evisceration Spoon, Small	123
MI -062*	25	Bunge Evisceration Spoon, Large	123
MI -066	26	Meyerhoefer Chalazion Curette, Size 3	121
MI -305*	27	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

Eye Instruments





Reference	Key	Description	Page
MI-020S	1	Bard Parker Handle	40
MI-010T	2	Castroviejo Caliper	33
MI-072T	3	Dressing Forceps With 12mm Serrated Tips	58
MI-0551T	4	Corneal Forceps, Bonn-Catalano Type	57
MI-0602T	5	Castroviejo Suturing Forceps, .5mm 1x2 Teeth	65
MI-090T	6	Kelman-McPherson Tying Forceps	66
MI-121S	7	Hartman Mosquito Forceps, Curved, Short	64
MI-130S	8	Jameson Muscle Forceps, Left	64
MI-131S	9	Jameson Muscle Forceps, Right	64
MI-136S	10	Osher Superior Rectus Forceps	64
MI-040	11	Jameson Muscle Hook, 2.0mm Bulbous Tip	70
MI-0401*	12	Jameson Muscle Hook, 1.5mm Bulbous Tip	70
MI 041*	13	Graefe Muscle Hook, Size 1	70
MI 042	14	Graefe Muscle Hook, Size 2	70
MI 061	15	Scobee Oblique Muscle Hook, Curved	71
MI 062	16	Stevens Curved Tenotomy Hook	71
MI 090T	17	Barraquer Needle Holder, curved, w/lock	82
MI 0921T	18	Castroviejo Needle Holder, straight, w/lock	82
MI -040S	19	Westcott Tenotomy Scissors, Blunt Tips, 13mm Blades	48
MI -044S	20	Westcott Stitch Scissors, Sharp Tips, 16mm Blades	47
MI -0601T	21	Kershner Reversible Solid Blade Speculum	29
MI -301/303	22	Silicone Bulb With Adapter	164
MI -090S	23	Serrefine, Straight	64
MI -305*	24	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

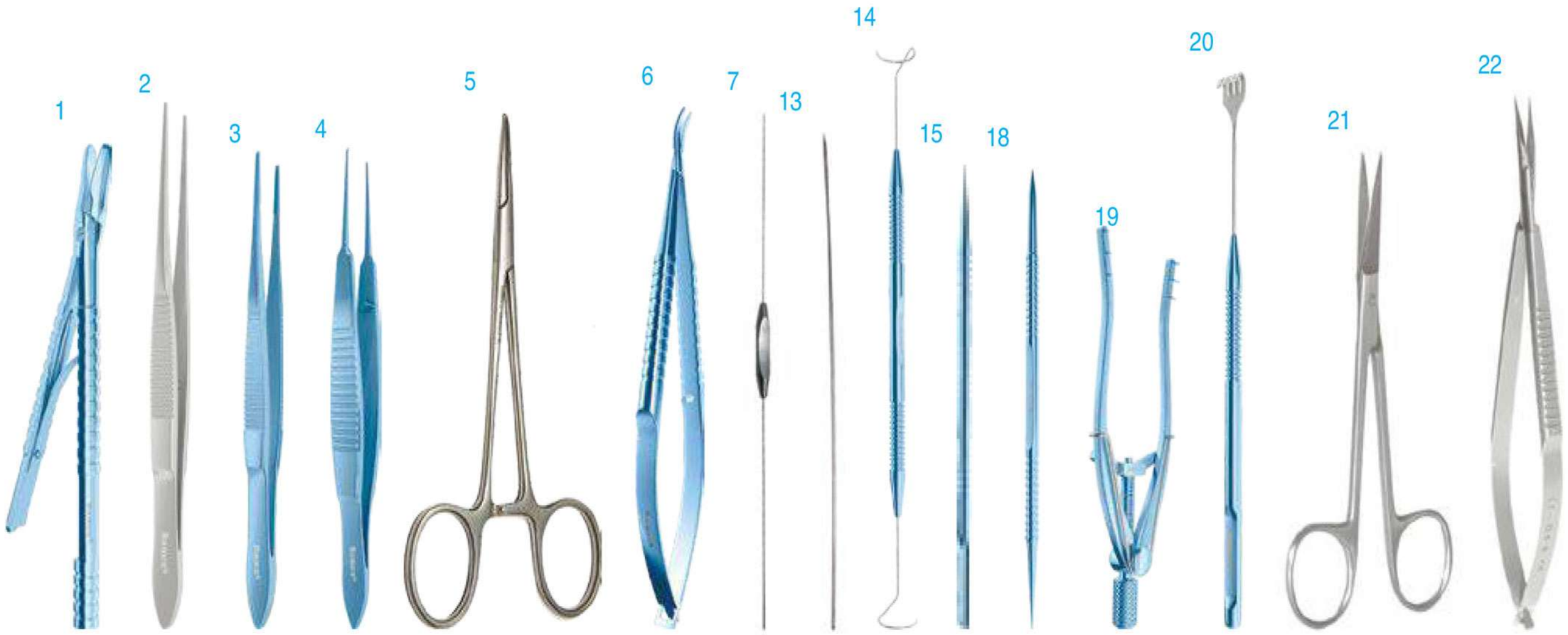
Eye Instruments

Reference	Key	Description	Page
MI-010T	1	Blade Holder	40
MI-010T	2	Castroviejo Caliper	33
MI-0601T	3	Castroviejo Suturing Forceps, .3mm 1x2 Teeth	65
MI-0607S	4	Bishop-Harmon Suturing Forceps, .3mm 1x2 Teeth	65
MI-072T	5	Dressing Forceps With 12mm Serrated Tips	58
MI-090T	6	Kelman-McPherson Tying Forceps	66
MI-120S	7	Hartman Mosquito Forceps, Straight, Short	64
MI-140T	8	Putterman Type Lid Clamp	54
MI-1906T	9	Desmarres Chalazion Forceps, Large	54
MI-1912T*	10	Desmarres Chalazion Forceps, Medium	54
MI-1913T	11	Compressing Lid Forceps (MGD), Curved, Titanium	55
MI-2300T	12	Bonaccolto Utility Forceps	67
MI-042	13	Graefe Muscle Hook, Size 2	70
MI-031T	14	Barraquer Needle Holder, Medium	81

Reference	Key	Description	Page
MI-080T	15	Kalt Needle Holder	82
MI-014	16	Knapp Lacrimal Sac Retractor	86
MI-301/303	17	Silicone Bulb With Adapter	164
MI-080S	18	Schaedel Towel Clamp	68
MI-50S	19	Lid Plate, Stainless Steel	120
MI-020*	20	Desmarres Lid Retractor, Size 0	86
MI-021	21	Desmarres Lid Retractor, Size 1	86
MI-022*	22	Desmarres Lid Retractor, Size 2	86
MI-023*	23	Desmarres Lid Retractor, Size 3	86
MI-040S	24	Westcott Tenotomy Scissors, Blunt Tips	48
MI-044S	25	Westcott Stitch Scissors, Sharp Tips	47
MI-080S	26	Straight Iris Scissors	46
MI-133S	27	Stevens Tenotomy Scissors, Straight	48
MI-305*	28	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

Eye Instruments



Reference	Key	Description	Page
MI-010T	1	Blade Holder	40
MI-071S	2	Dressing Forceps, 12 mm Serrated Tips	58
MI-2300T	3	Bonaccolto Utility Forceps	67
MI-0601T	4	Castroviejo Suturing Forceps, .3 mm 1x2 Teeth	65
MI-122S	5	Halsted Mosquito Forceps, Straight	64
MI-031T	6	Barraquer Needle Holder, Medium	81
MI-010S	7	Bowman Lacrimal Probe, Size 0000-000	84
MI-011S*	8	Bowman Lacrimal Probe, Size 00-0	84
MI-012S*	9	Bowman Lacrimal Probe, Size 1-2	84
MI-013S*	10	Bowman Lacrimal Probe, Size 3-4	84
MI-014S*	11	Bowman Lacrimal Probe, Size 5-6	84
MI-015S*	12	Bowman Lacrimal Probe, Size 7-8	84
MI-021S	13	Quickert Lacrimal Intubation Probe, Size 0	84
MI-031	14	Pigtail Lacrimal Probe	84
MI-050T	15	Wilder Lacrimal Dilator, Size 1	84
MI-051T*	16	Wilder Lacrimal Dilator, Size 2	84
MI-052T*	17	Wilder Lacrimal Dilator, Size 3	84
MI-060T	18	Castroviejo Double-Ended Lacrimal Dilator, Size 1 & 2	84

Reference	Key	Description	Page
MI-013	19	Stevenson Lacrimal Sac Retractor	86
MI-014	20	Knapp Lacrimal Sac Retractor	86
MI-080S	21	Straight Iris Scissors	46
MI-125S	22	Westcott Type Stitch Scissors	47
MI-132S	23	Stevens Scissors, Curved	48
MI-032	24	Shahinian Lacrimal Cannula, 25 Ga	161
MI-029	25	Lacrimal Cannula, Reinforced, Curved	161
MI-031	26	Lacrimal Cannula (Bailey)Lacrimal Cannula	161
MI-033	27	(Fasanella)	161
MI-301/303	28	Silicone Bulb With Adapter	164
MI-081S	29	Towel Forceps	68
MI-127	30	Nasal speculum, adult size	119
MI-135	31	Surgical Mallet, Polished Finish	119
MI-136	32	Kerrison Rongeur, Size 0	119
MI-138	33	Belz Lacrimal Sac Rongeur	119
MI-305*	34	Plastic Sterilizing Tray, Double Level, Large	217
MI-R7011	35	DCR Set – Straight 4.5 cm	180

* not shown

Eye Instruments

Reference	Key	Description	Page
MI-010T	1	Blade Holder	40
MI-010T	2	Castroviejo Caliper	33
MI-050T	3	Colibri Corneal Forceps, .12mm, 1x2 Teeth	56
MI-070S	4	Dressing Forceps With Delicate Serrations	58
MI-0600T	5	Castroviejo Suturing Forceps, .12mm 1x2 Teeth	65
MI-171T	6	McPherson Straight Tying Forceps	66
MI-090T	7	Kelman-McPherson Tying Forceps	66
MI-120S	8	Hartman Mosquito Forceps, Straight	64
MI-2301T	9	Fechtner Conjunctiva Forceps	54
MI-10/6-050	10	45 Degree Single Edge Blade/Straight Handle	41
MI-20/6-092	11	2.0mm Round Crescent Knife/Angled Handle	42
MI-045T	12	Barraquer Needle Holder, Extra Fine Jaws	81
MI -040S	13	Westcott Curved Tenotomy Scissors	48

Reference	Key	Description	Page
MI-044S	14	Westcott Stitch Scissors	47
MI-062S	15	McPherson-Vannas Curved Iris Scissors	46
MI-080S	16	Iris Scissors, Straight	46
MI-1223	17	Barraquer Iris Scissors	46
MI-022S	18	Barraquer Wire Speculum, Adult Size	32
MI-011	19	Kelly Descemet's Membrane Punch, .75mm Diameter	116
MI 012S	20	Harms Trabeculotome, Left	116
MI 013S	21	Harms Trabeculotome, Right	116
MI 080S	22	Schaedel Towel Clamp	68
MI 051-27	23	Rycroft Anterior Chamber Cannula, 27Ga	151
MI 301/303	24	Silicone Bulb With Adapter	164
MI 305*	25	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

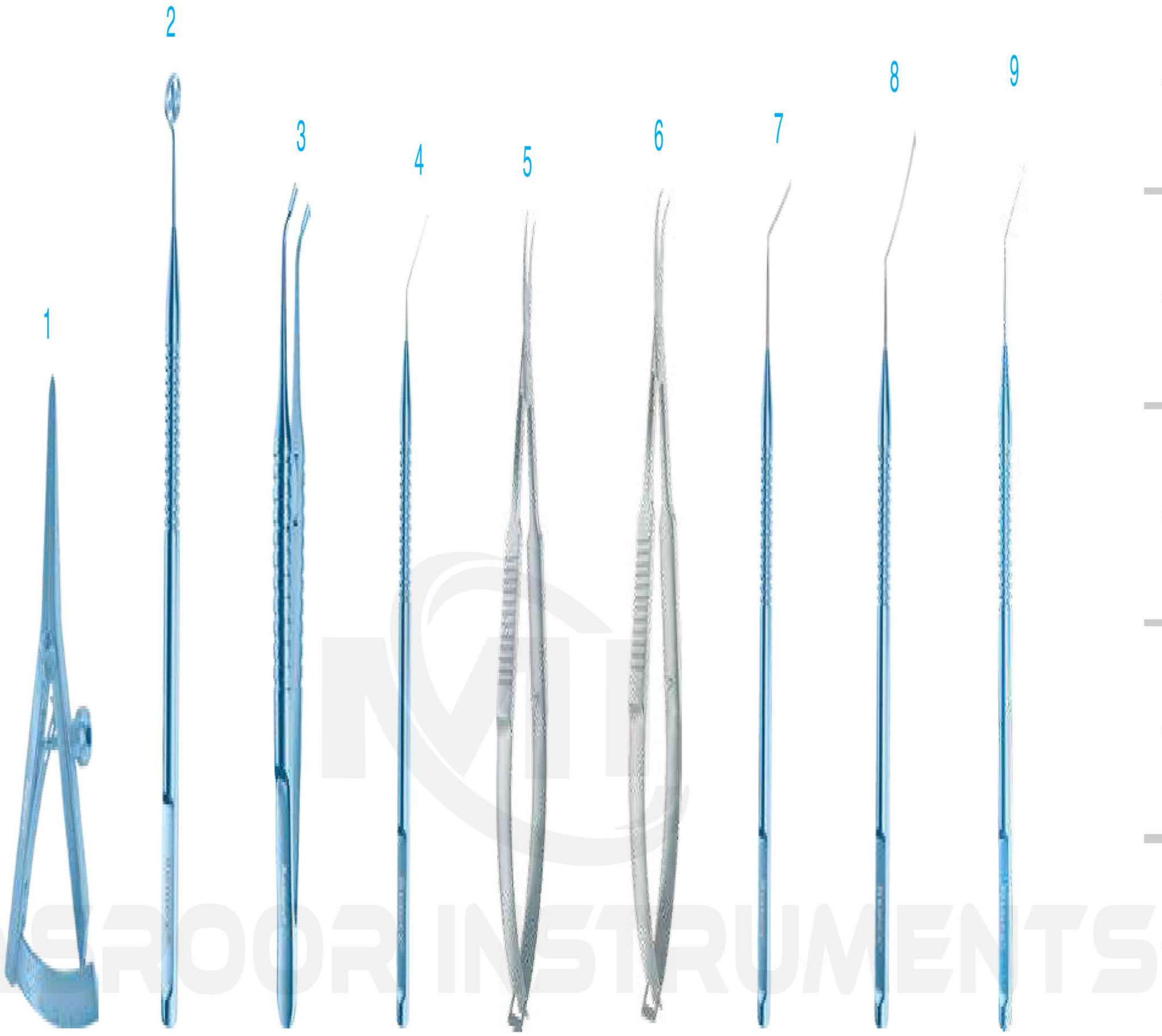
Eye Instruments

Reference	Key	Description	Page
MI 0741S	1	Adson Fixation Forceps, .5 mm 1x2 Teeth	59
MI 123S	2	Halsted Mosquito Forceps, Curved	64
MI 042	3	Graefe Muscle Hook, Size 2	70
MI -090S	4	Curved Enucleation Scissors, Short	49
MI -091S*	5	Curved Enucleation Scissors, Long	49
MI -100S	6	Knapp Straight Strabismus Scissors	47
MI -101S*	7	Knapp Curved Strabismus Scissors	47
MI-040T	8	Lieberman Temporal Speculum	30
MI-060	9	Wells Enucleation Spoon	123
MI-061	10	Bunge Evisceration Spoon, Small	123
MI-062*	11	Bunge Evisceration Spoon, Large	123
MI-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

* not shown

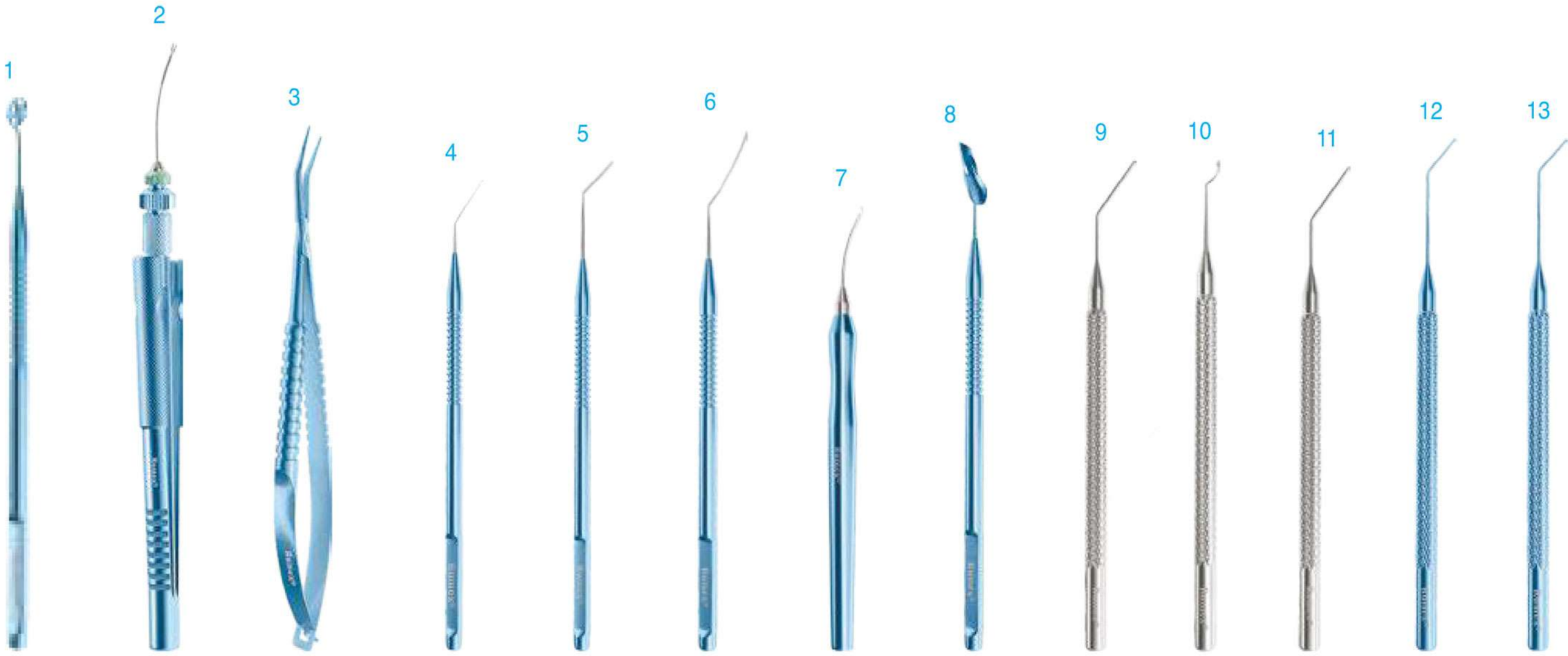
Reference	Key	Description	Page
MI-020S	1	Bard Parker Handle	40
MI-1906T	2	Desmarres Chalazion Forceps, Large	54
MI-1912T*	3	Desmarres Chalazion Forceps, Medium	54
MI-1908T	4	Lambert Chalazion Forceps, Small	54
MI-1909T	5	Lambert Chalazion Forceps, Medium	54
MI-063*	6	Meyerhoefer Chalazion Curette, Size 0	121
MI-064*	7	Meyerhoefer Chalazion Curette, Size 1	121
MI-065*	8	Meyerhoefer Chalazion Curette, Size 2	121
MI-066	9	Meyerhoefer Chalazion Curette, Size 3	121
MI-067*	10	Meyerhoefer Chalazion Curette, Size 4	121
MI-50S	11	Lid plate	120
MI-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

* not shown



Reference	Key	Description	Page
MI-010T	1	Castroviejo Caliper	33
MI-0217T	2	Hoffer Optical Zone Marker, 8.00mm	36
MI-0814T	3	Pollack Corneal Transplantation Fixation Forceps	59
MI-0322	4	Reversed Sinskey Hook	69
MI-036S	5	DLEK Scissors, Medium Curve	45
MI-0361S	6	DLEK Scissors, Strong Curve	45
MI-137	7	Corneal Dissector, Straight	74
MI-138	8	Corneal Dissector	74
MI-160	9	Manipulator for DLEK procedure	76

Eye Instruments



Reference	Key	Description	Page
MI-0218T	1	Hoffer Optical Zone Marker, 8.50mm	36
MI-034	2	Forceps for Corneal Endothelium Implantation	112
MI-2019T	3	Corneal Donor Insertion Forceps	112
MI-0322	4	Reversed Sinskey Hook	69
MI-137	5	Corneal Dissector, Straight	74
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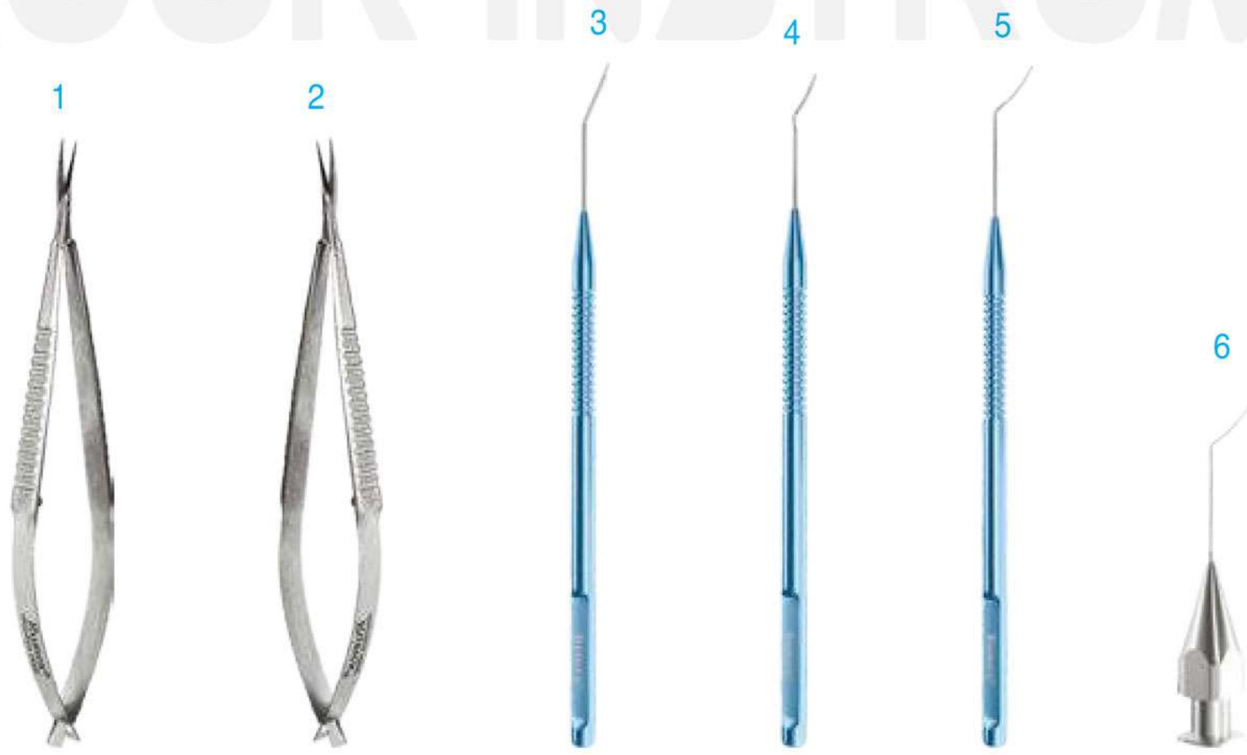
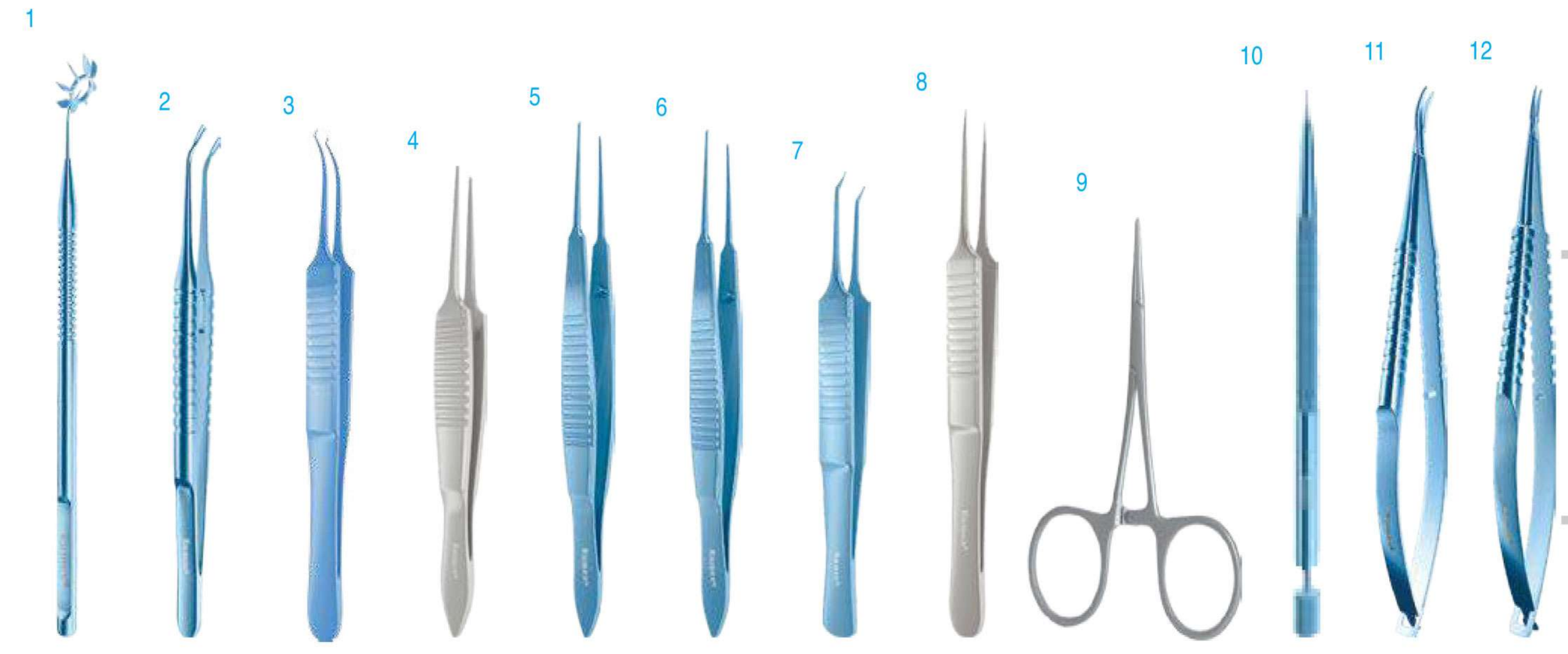
MI-139/I	7	Endothelial Stripper, Irrigating	74
MI-150T	8	Spatula-Guide for Corneal Endothelium Implantation	74
MI-151S	9	Cindy Sweeper DSEK Spatula	75
MI-152S	10	Carlson DSEK Smoother	75
MI-153S	11	Terry DSEK Scraper	75
MI-154T	12	Melles DSAEK PLK Scraper, Style 1	75
MI-155T	13	Melles DSAEK PLK Scraper, Style 2	75



Reference	Key	Description	Page
MI-038S	1	Scissors for DALK Procedure, Right	45
MI-0381S	2	Scissors for DALK Procedure, Left	45
MI-170	3	Trisector for DALK Procedure	76
MI-171	4	Spatula for DALK Procedure	76
MI-172	5	Dissector for DALK Procedure	76
MI-450-27	6	Cannula for DALK Procedure, 27 Ga	115

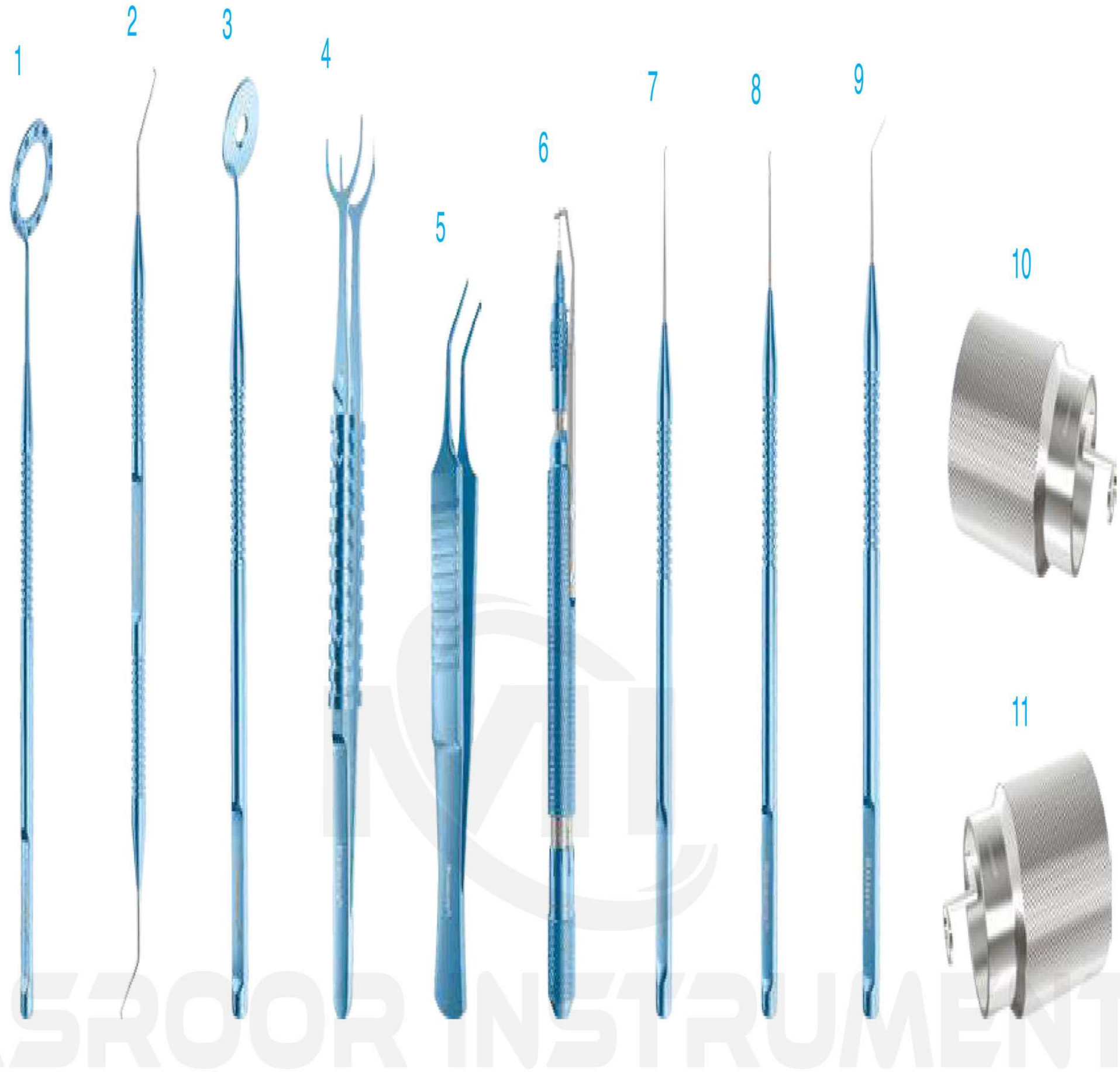
Eye Instruments



Reference	Key	Description	Page
MI-140T	1	Corneal Transplant Marker	36
MI-0814T	2	Pollack Corneal Transplantation Fixation Forceps	59
MI-0541T	3	Castroviejo Colibri Corneal Forceps, .12 mm 1x2 Teeth	57
MI-0607S	4	Bishop-Harmon Suturing Forceps, .3 mm 1x2 Teeth	65
MI-0600T	5	Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65
MI-0601T	6	Castroviejo Suturing Forceps, .3 mm 1x2 Teeth	65
MI-090T	7	Kelman-McPherson Tying Forceps, 4 mm Platforms	66
MI-178S	8	McPherson Straight Tying Forceps, 7 mm Platforms	66
MI-120S	9	Hartman Mosquito Forceps	64
MI-10/6-056	10	Alfonso Corneal Transplant Knife	41
MI-031T	11	Barraquer Needle Holder, Medium	81
MI-045T	12	Barraquer Needle Holder, Extra Fine Jaws, Medium	81
MI-020S	13	Katzin Corneal Transplant Scissors, Left	44
MI-0201S*	14	Katzin Corneal Transplant Scissors, Right	44
MI-024S	15	Castroviejo Corneal Section Scissors, Right	45
MI-0241S*	16	Castroviejo Corneal Section Scissors, Left	45
MI-040S	17	Westcott Curved Tenotomy Scissors	48
MI-044S	18	Westcott Stitch Scissors	47
MI-110	19	Paton Double Ended Spatula And Spoon	74
MI-022S	20	Barraquer Wire Speculum, Adult Size	32
MI-051-25	21	Rycroft Anterior Chamber Cannula, 25 Ga	151
MI-301/303	22	Silicone Bulb With Adapter	164
MI-081S	23	Towel Forceps	68
MI-0305*	24	Corneal Trephine Blades, 7.50 mm	112
MI-0307	25	Corneal Trephine Blades, 8.0 mm	112
MI-305*	26	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

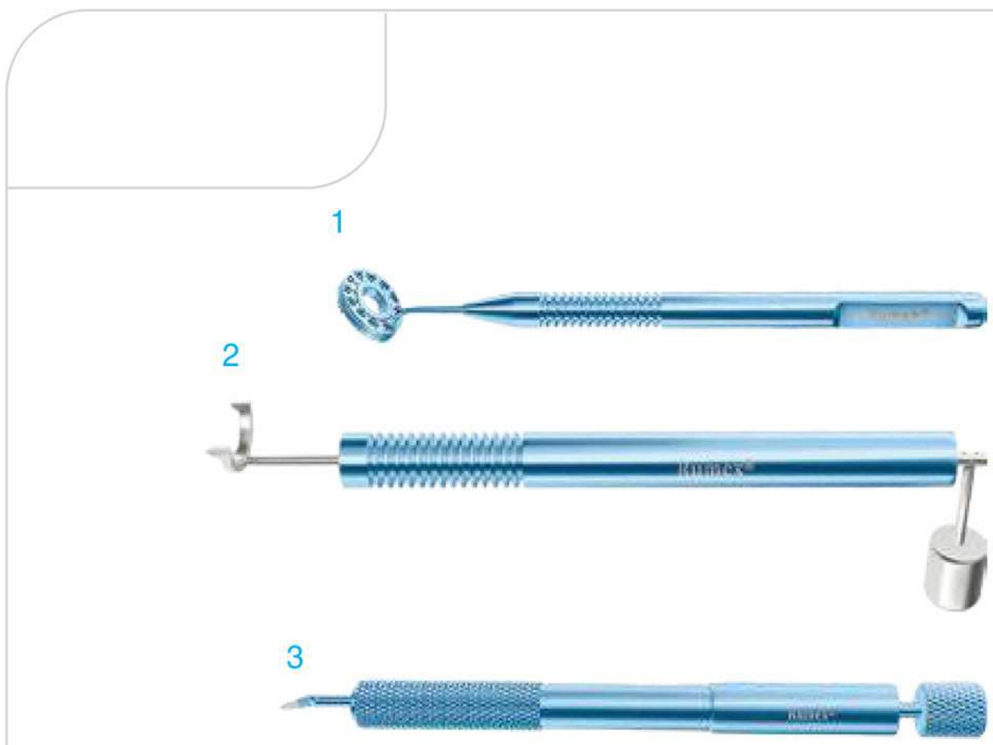
Eye Instruments



Reference	Key	Description	Page
MI-0331T	1	Mendez Degree Gauge	34
MI-034	2	Optical Zone Marker	110
MI-143T	3	Tunnel Zone Marker	110
MI-08011T	4	Nevyas-Wallace Fixation Forceps	59
MI-2144T	5	Forceps for ICSR Implant	111
MI-00/6-020	6	Diamond Knife	41
MI-035	7	Elevator for ICSR implantation	79
MI-146	8	Suarez Spreader	79
MI-147	9	Bicalto Guide	79
MI-173S	10	Tunnel Maker Left	111
MI-174S	11	Tunnel Maker Right	111
MI-304*	12	Plastic Sterilizing Tray, Single Level, Large	217

* not shown

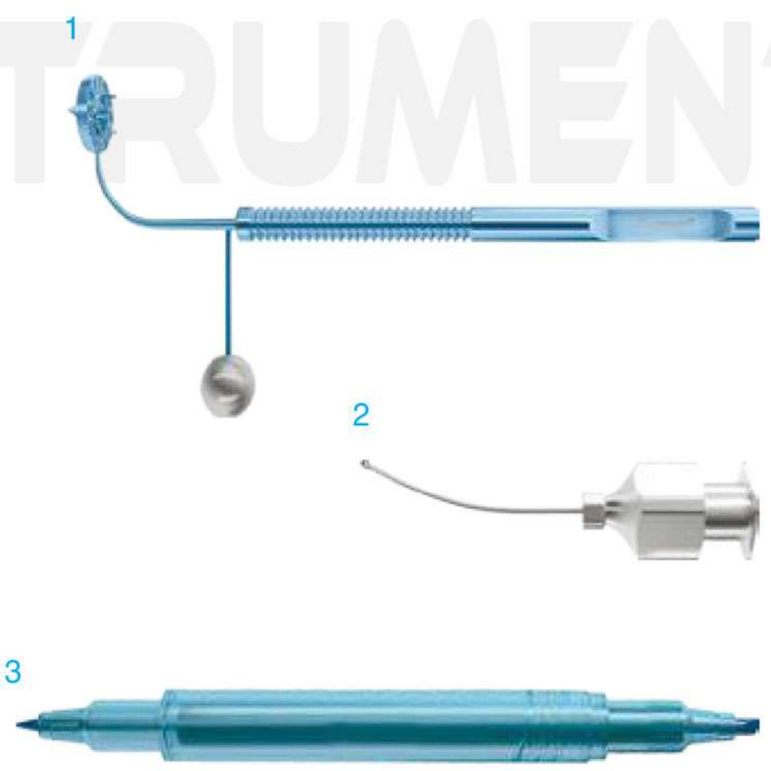
Reference	Key	Description	Page
MI-0331T	1	Grooved Mendez Degree	34
MI-090T	2	Bores Axis Marker	34
MI-1932	3	Whitehouse Gravity Axis Marker II, Straight	38
MI-322/6-0531	4	20 Degree Trifacet Blade, 1.0mm/ Calibration mechanism with 3 preset depth settings of 500, 550, and 600 microns	43



Reference	Key	Description	Page
* optional			
MI-1801	1	LRI Marker, 40-60-80 degrees	37
MI-1932	2	Whitehouse Gravity Axis Marker II, Straight	38
MI-322/6-0531	3	20 Degree Trifacet Blade, 1.0mm/ Calibration mechanism with 3 preset depth settings of 500, 550, and 600 microns	43

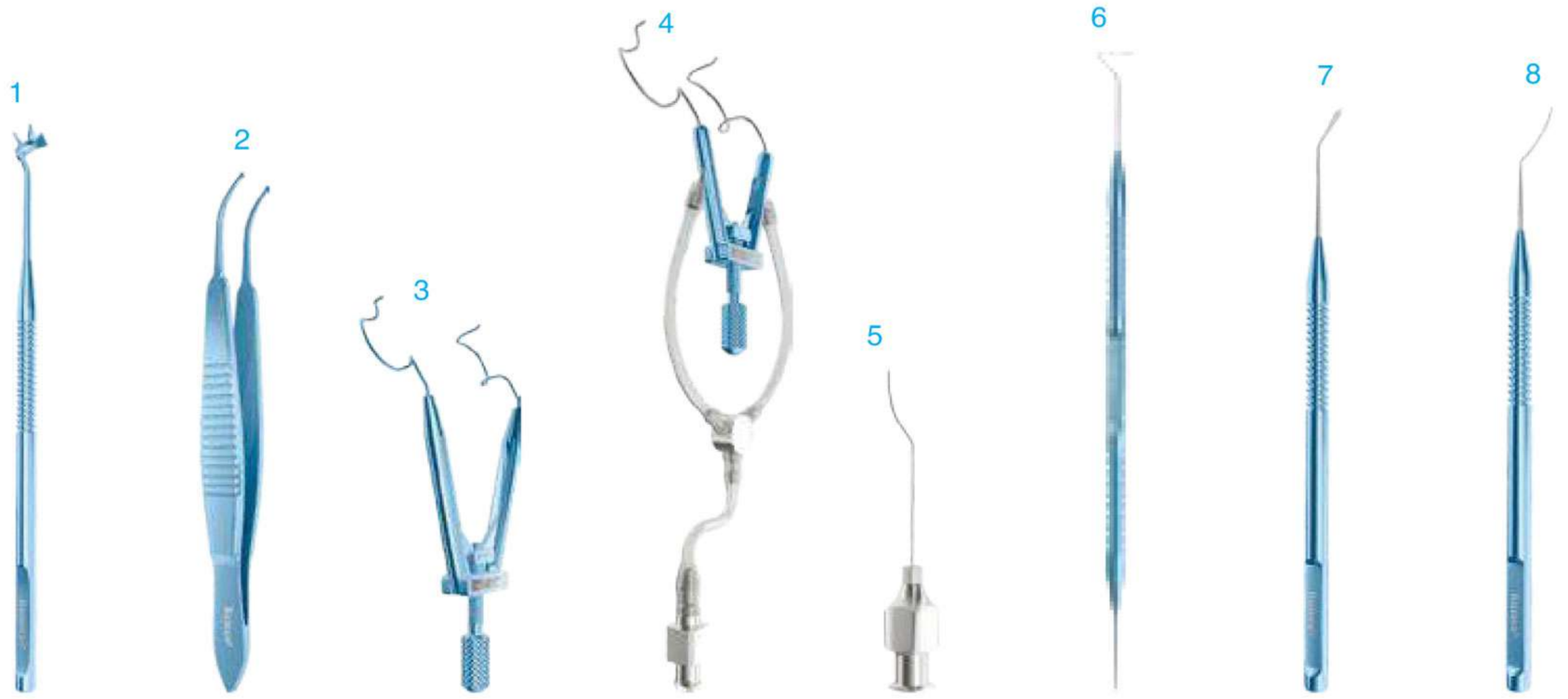
Reference	Key	Description	Page
MI-034T	1	Grooved Fine Mendez Degree	35
MI-091T	2	Bores Axis Marker	35
MI-193	3	Whitehouse Gravity Axis Marker, Angled	38
MI-170	4	Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96
20-050	5	Disposable Marking Pen	106

*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

Eye Instruments



Reference	Key	Description	Page
MI-176T	1	LASIK Flap Marker	37
MI-2206T	2	LASIK Flap Forceps, Curved, Titanium	55
MI-040TL	3	Lieberman Temporal Speculum for LASIK	30
MI-080LA	4	Lieberman Temporal Speculum with Aspiration for LASIK	28
15-379-25	5	Buratto LASIK Irrigation Cannula 25Ga	104

Reference	Key	Description	Page
20-201	6	FemtoLASIK Flap Spatula Double Ended	78
20-202	7	FemtoLASIK Flap Spatula	78
20-203	8	Zaldivar FemtoLASIK Spatula	78
18-304*	9	Plastic Sterilizing Tray, Single Level, Large	217

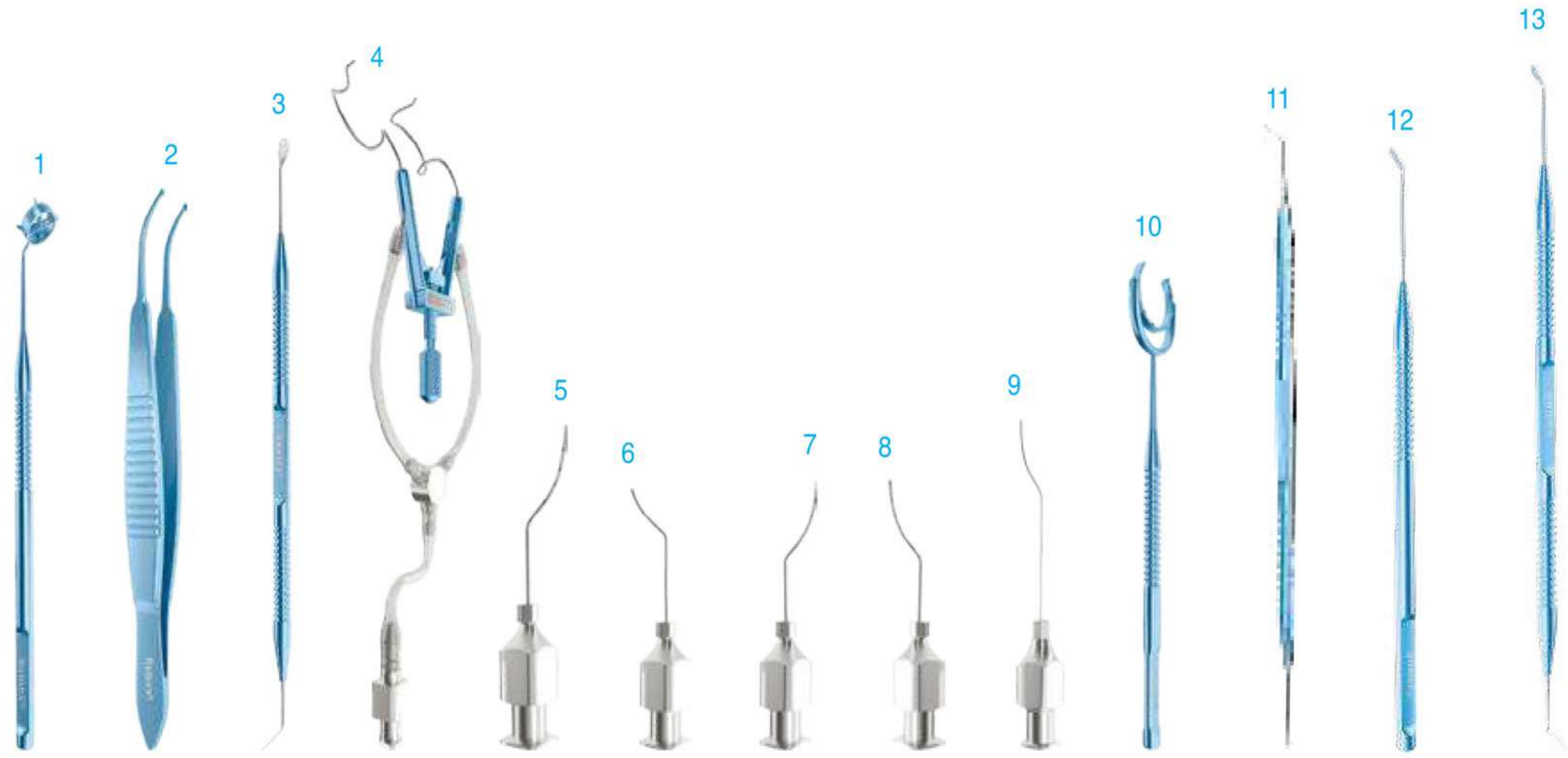
* not shown

Reference	Key	Description	Page
MI-08011T	1	Nevyas-Wallace Fixation Forceps, .12mm 1x2 Teeth	59
MI-20111S	2	ICL™ Cartridge Loading Forceps	62
MI-21431	3	Coaxial Angled ICL™ Loading Forceps, 20 Ga	25
MI-003T*	4	Universal Squeeze Handle	79
MI-141	5	Pallikaris ICL™ Manipulator	79

Reference	Key	Description	Page
13-142	6	Zaldivar ICL™ Manipulator	30
14-040T	7	Lieberman Temporal Speculum	42
6-20/6-0551	8	Zaldivar Universal ICL™ Knife, 0.55/1.00 mm Width/ Angled Titanium Universal Handle	217
18-304*	9	Sterilizing Tray, Single Level, Large	

* not shown

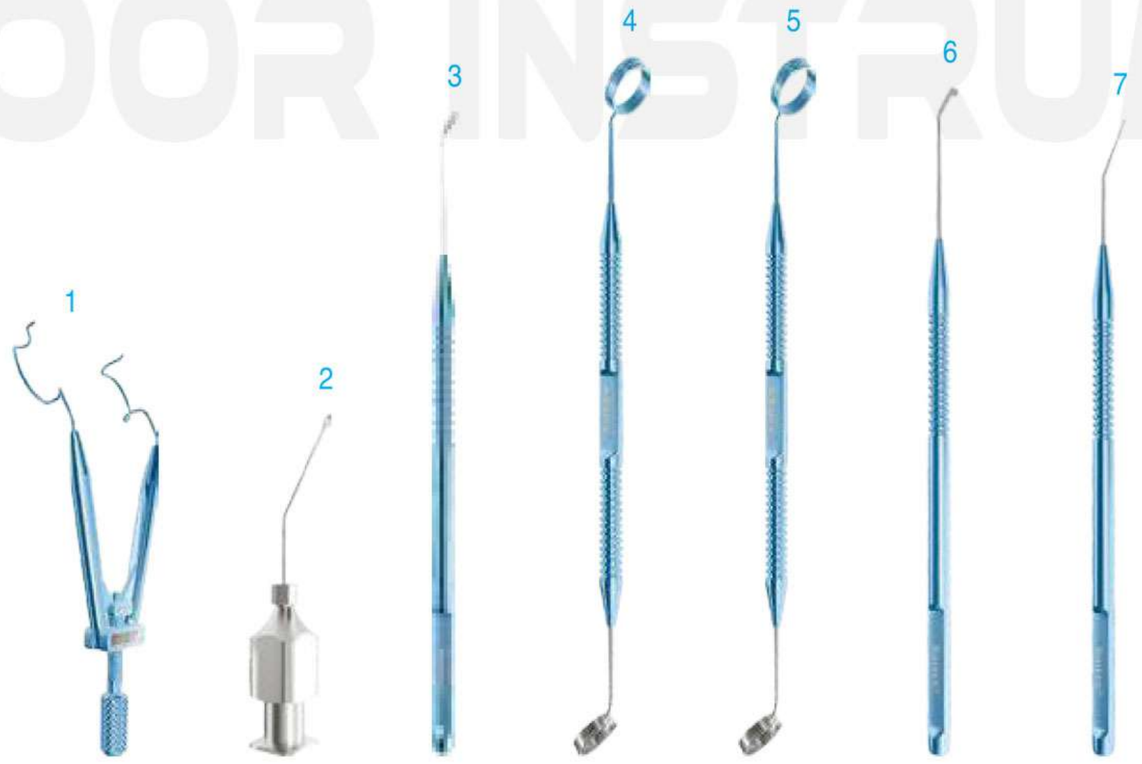
Eye Instruments



Reference	Key	Description	Page
MI-174T	1	Lavery LASIK Marker	37
MI-2206T	2	LASIK Flap Forceps, Curved, Titanium	55
MI-110	3	Paton Double Ended Spatula And Spoon, Double Ended	74
MI-080LA	4	Lieberman Temporal Speculum With Aspiration for LASIK	28
MI-373-25	5	Banaji LASIK Irrigation Cannula, 25Ga	104
MI-376	6	Slade LASIK Cannula, 26G	104
MI-378L	7	Gimbel LASIK Fountain Cannula, Left, 25GX25, 4 mm	162
15-378R	8	Gimbel LASIK Fountain Cannula, Right, 25GX25,4 mm	162
15-379-25	9	Buratto LASIK Irrigation Cannula 25G, 45° angled triport	104
16-0341T	10	Fine/Thornton Fixation Ring With Swivel	87
20-013	11	LASIK Spatula And Flap Retreatment Instrument	77
20-001	12	Hockey Epithelium Removal Knife	78
20-002	13	Lindstrom LASIK/PRK Spatula and Epithelium Removal Board	78
18-304*	14	Plastic Sterilizing Tray, Single Level, Large	217

* not shown

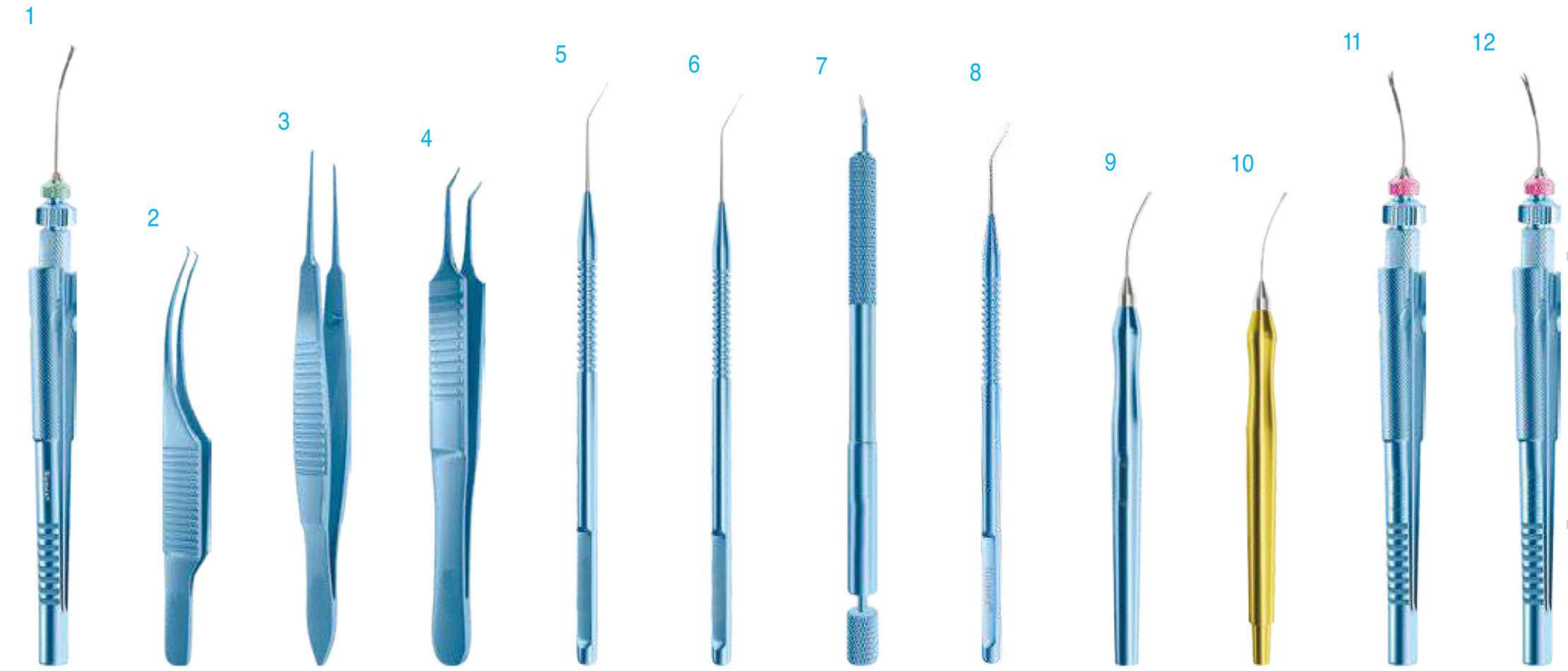
REFRACTIVE I 24-032 LASEK SET

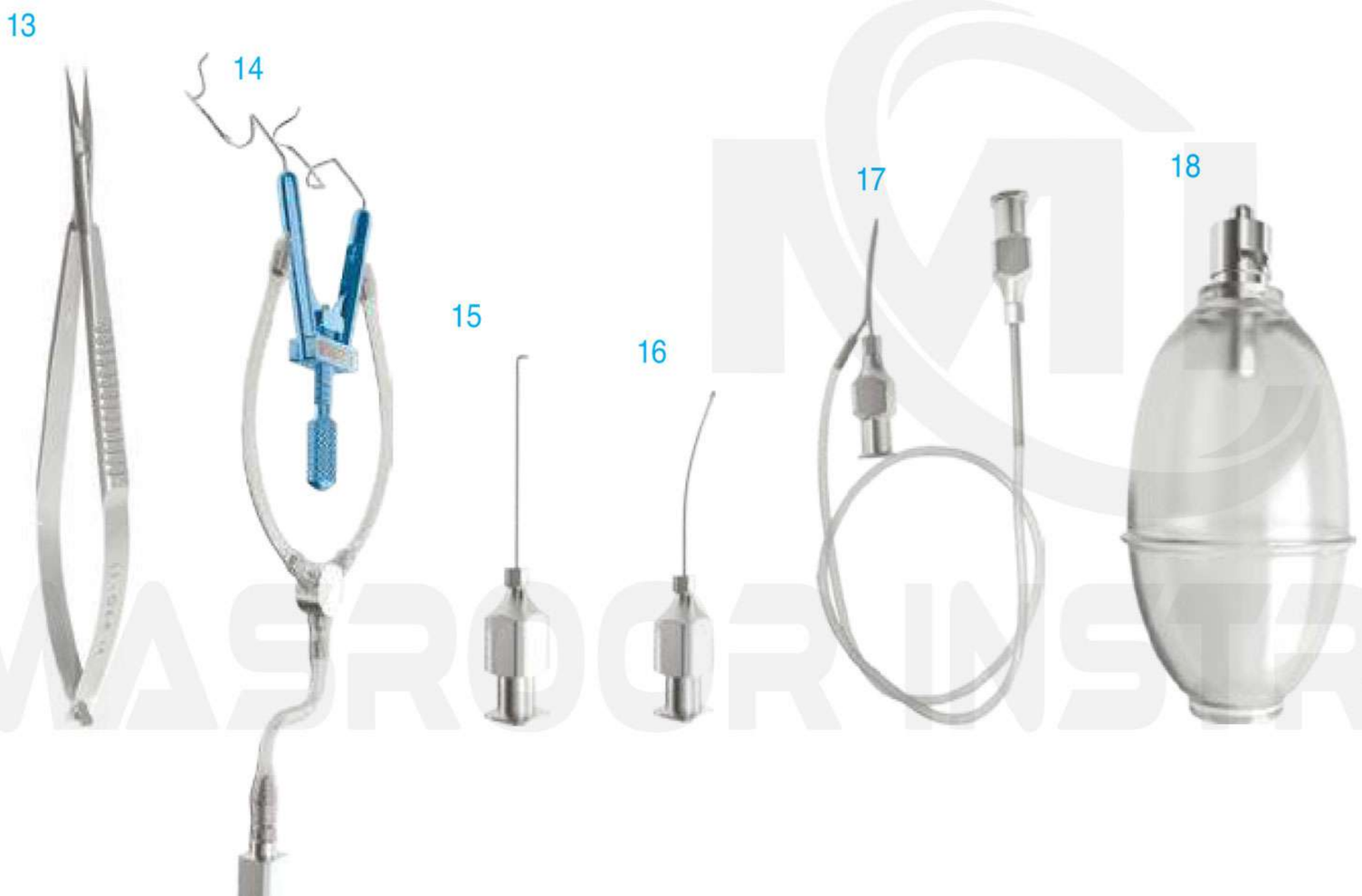


Reference	Key	Description	Page
MI-040TL	1	Lieberman Temporal Speculum for LASIK	30
MI-097	2	Troutman Alpha-Chrymostrypsin Aspirating Cannula, 25Ga	159
MI-0011	3	LASEK Knife	78
MI-121	4	LASEK 8.0mm Trephine / 8.5mm Funnel	105
MI-122	5	LASEK 9mm Trephine / 9.5mm Funnel	105
MI-130	6	LASEK Detaching Spatula	78
MI-131	7	LASEK Epithelial Micro Hoe	78
MI-304*	8	Plastic Sterilizing Tray, Single Level, Large	217

* not shown

Eye Instruments

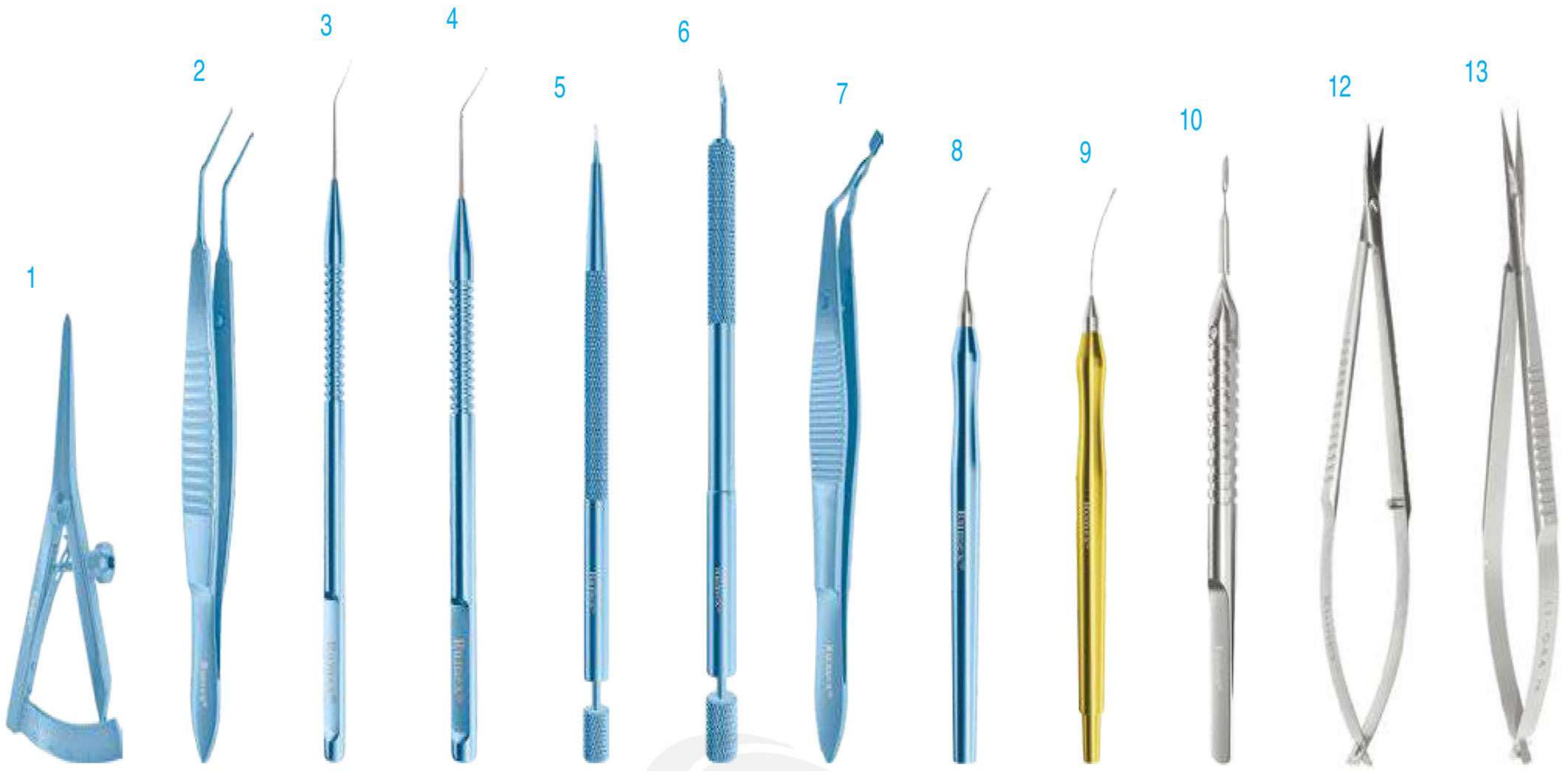




Reference	Key	Description	Page
MI-03771	1	Kawai Capsulorrhexis Forceps, Tapered 23/25Ga shaft	48
MI-0501T	2	Colibri Corneal Forceps, .12mm 1x2 Teeth	56
MI-0600T	3	Castroviejo Suturing Forceps, .12mm 1x2 Teeth	65
MI-174T	4	McPherson Angled Tying Forceps	66
MI-032	5	Sinskey Hook	69
MI-034	6	Bechert Nucleus Rotator	70
MI-20/6-0551	7	Zaldivar Universal ICL Knife, 0.55/1.00 mm Width/ Angled Titanium Universal Handle	42
MI-063(7-064*)	8	Nagahara Phaco Chopper RHD (LHD*)	92
MI-081	9	Irrigation Handpiece For Bimanual Technique, 21Ga	97
MI-0821	10	Aspiration Handpiece For Bimanual Technique, 22Ga	98
MI-03741	11	Side Port Capsulotomy Scissors, Left, 20Ga	26
MI-03751	12	Side Port Capsulotomy Scissors, Right, 20Ga	
MI-044S	13	Westcott Stitch Scissors	26
MI003T**	14	Universal Squeeze Handle (2 pcs)	47
MI-080A	15	Lieberman Temporal Speculum With Aspiration	28
MI-0681	16	Chang Nucleus Hydrodissector, 27Ga	157
MI-170	17	Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96 160
MI-129-0.3	18	Simcoe I/A Cannula, 23/23Ga	
MI-301/303	19	Silicone Bulb With Adapter	164
MI-304**	20	Sterilizing Tray, Large	217

* optional
** not shown

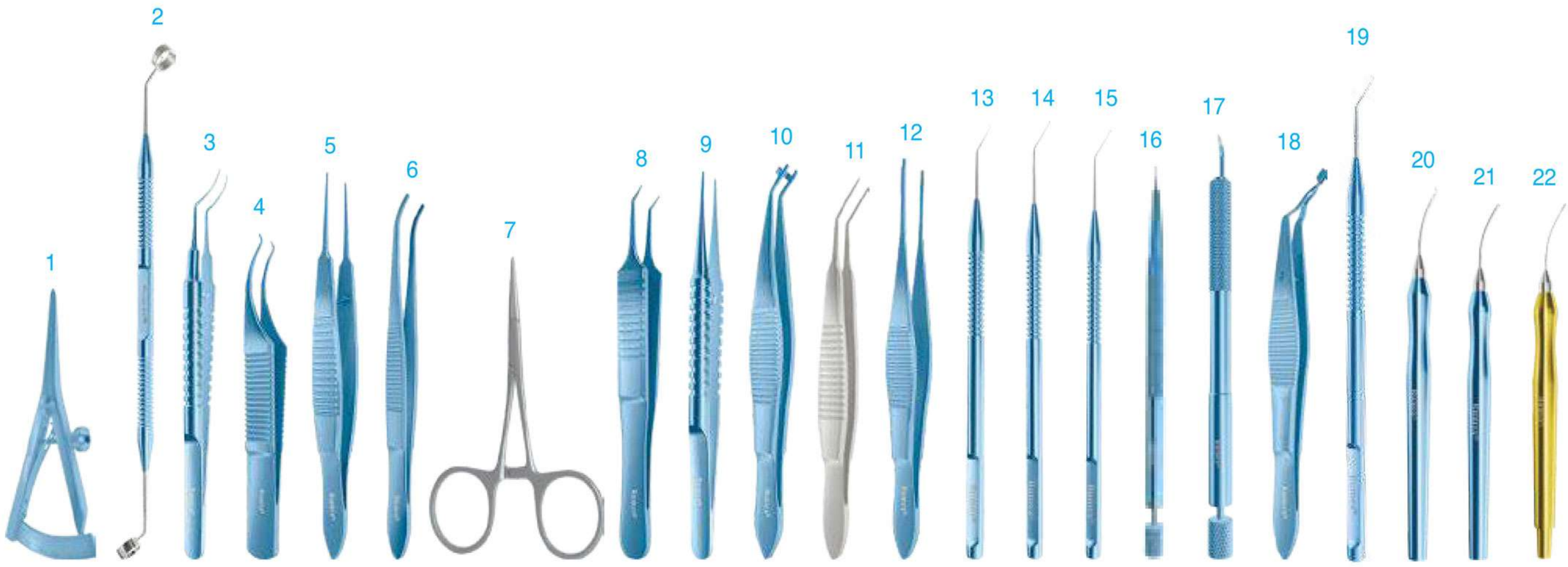
Eye Instruments

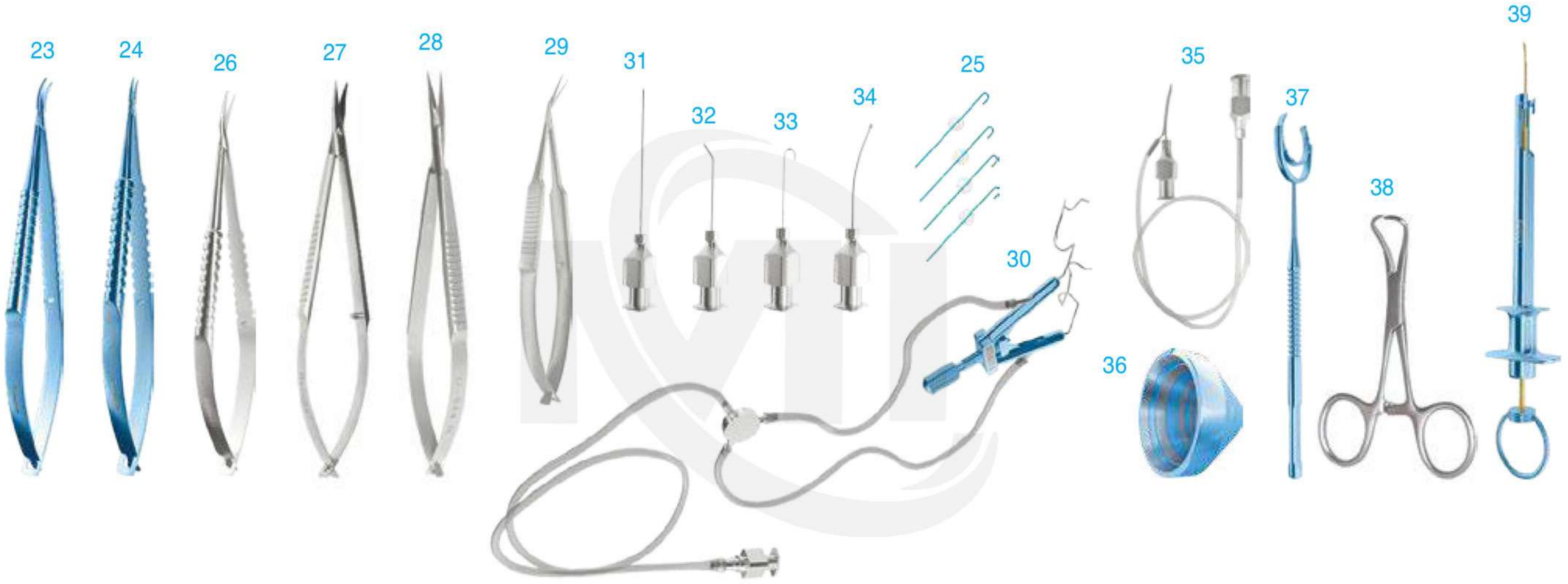


Reference	Key	Description	Page
MI-010T	1	Castroviejo Caliper	33
MI-0301T	2	Utrata Capsulorrhexis Forceps, CystotomeTips	50
MI-030	3	Kuglen Hook, Angled	69
MI-032	4	Sinskey Hook, Angled	69
MI-10/6-0501	5	45 Degree Side Port Single Edge Blade 0.6 mm 6-10/6-053* Trifact Blade, 1.0 mm	41
MI-20/6-104	6	2.3/2.8 mm Trapezoid Self-Diving Diamond Knife	42
MI-025T	7	Ernest Nucleus Cracker	90
MI-081	8	Irrigation Handpiece For Bimanual Technique, 21Ga	97
MI-0821	9	Aspiration Handpiece For Bimanual Technique, 22Ga	98
MI-1161S	10	Combo Prechopper(Sharp&Blunt Blades)	91
MI-040S	11	Westcott Curved Tenotomy Scissors	48
MI-044S	12	Westcott Stitch Scissors, Sharp Tips	47
MI-040T	13	Lieberman Temporal Speculum	30
MI-071-25	14	McIntyre Nucleus Hydrodissector, 25Ga	156
MI-051-27	15	Rycroft Anterior Chamber Cannula, 27Ga	151
MI-159-25	16	Jensen Capsule Polisher, Curved, Olive tip, 25Ga	155
MI-R3925	17	Irrigating Cystotome - Formed 25Ga, 10 per box	170
MI-020T	18	Maloney Intraoperative Keratometer, Titanium	33
MI-304*	19	Sterilizing Tray, Large	217

* not shown

Eye Instruments

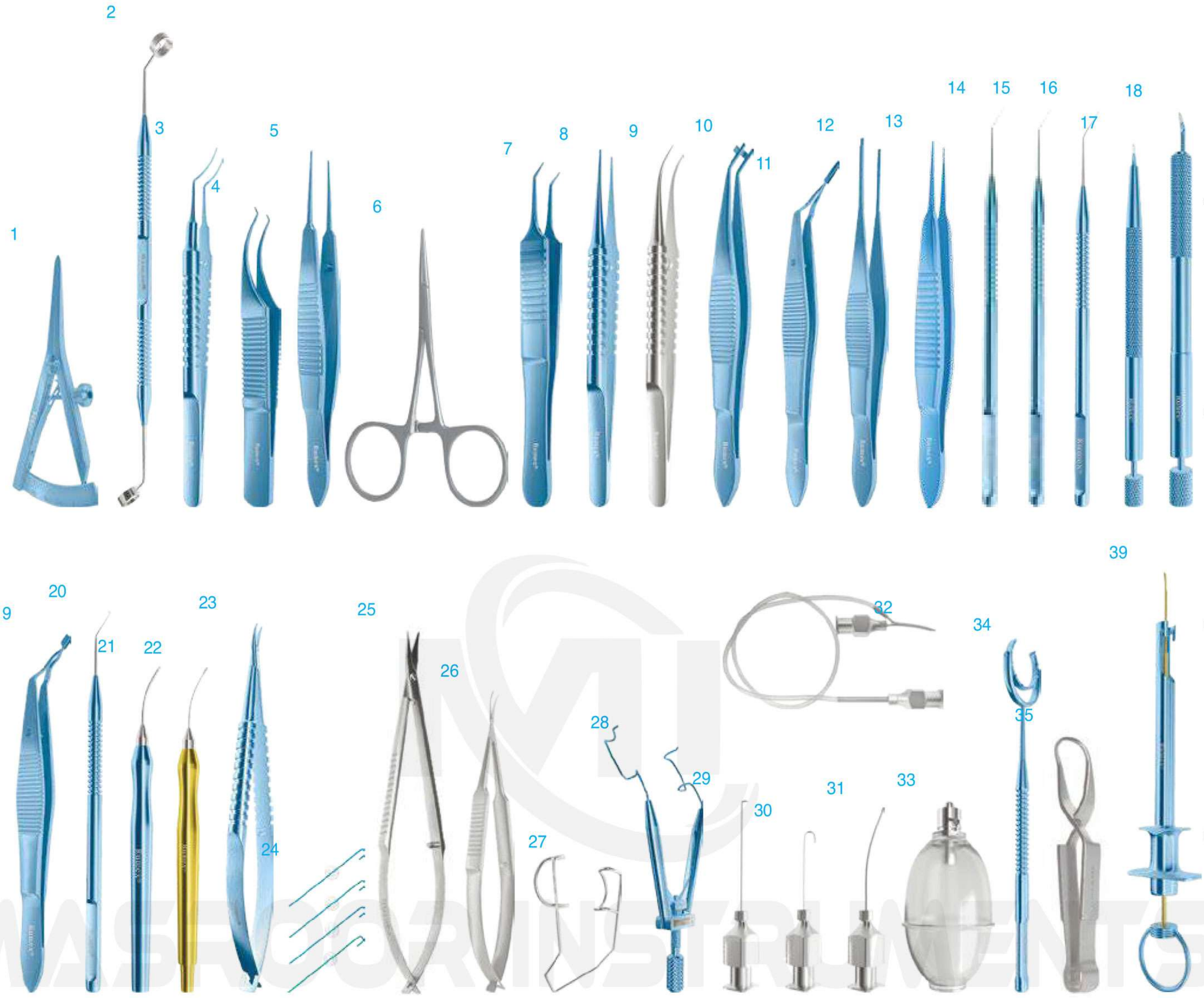




Reference	Key	Description	Page
MI-010T	1	Castroviejo Caliper	33
MI-040	2	Whipple Capsulorrhexis Centration Marker	36
MI-03315T	3	Utrata Capsulorrhexis Forceps, CystotomeTips, with SCALE	51
MI-050T	4	Colibri Corneal Forceps	56
MI-0600T	5	Castroviejo Suturing Forceps	65
MI-072T	6	Dressing Forceps With Serrations	58
MI-120S	7	Hartman Hemostatic Mosquito Forceps	64
MI-174T	8	McPherson Angled Tying Forceps	66
MI-185T	9	Tennant Straight Tying Forceps	67
MI-2107T	10	Steinert Paddle Lens Folding Forceps	60
MI-2108S	11	Faulkner Lens Holding Forceps	60
MI-2141T	12	Cartridge Loading Forceps, For Inserting IOL into A, B, C, D Cartridges	60
MI-030	13	Kuglen Iris Hook	69
MI-032	14	Sinskey Hook	69
MI-034	15	Bechert Nucleus Rotator	70
MI-10/6-053	16	Diamond knife, Trifacet Blade, 1.0 mm	41
MI-20/6-107	17	Diamond Knife, 2.3/2.8 mm Self-Diving Trapezoid Blade	42
MI-025T	18	Ernest Nucleus Cracker	90
MI-063 (7-064*)	19	Nagahara Phaco Chopper RHD (LHD*)	92
MI-0634/I	20	Lesieur Hydrochopper, 20 Ga	96
MI-081	21	Irrigation Handpiece For Bimanual Technique, 21Ga	97
MI-0821	22	Aspiration Handpiece For Bimanual Technique, 22Ga	98
MI-031T	23	Barraquer Needle Holder, Standard Jaws	81
MI-045T	24	Barraquer Needle Holder, Extra Fine Jaws	81
MI-5016-1	25	Disposable Iris Retractors, 1 pack of 4 pcs (4 retractors)	19
MI-034S	26	Universal Corneal Scissors	45
MI-040S	27	Westcott Curved Tenotomy Scissors	48
MI-044S	28	Westcott Stitch Scissors	47
MI-0581S	29	Gills-Vannas Capsulotomy Scissors	49
MI-080A	30	Lieberman Temporal Speculum With Aspiration	28
MI-025	31	Kelman Sharp Irrigating Cystotome, 25Ga	154
MI-051-27	32	Rycroft Anterior Chamber Cannula, 27Ga	151
MI-071-25	33	McIntyre Nucleus Hydrodissector, Spatulated, 25Ga	156
MI-170	34	Microincisional Capsule Polisher Cannula, Disc-shaped Tip, 23 Ga	96
MI-129-0.3	35	Simcoe I/A Cannula, 23/23Ga	160
MI-020T	36	Maloney Intraoperative Keratometer	33
MI-0341T	37	Fine/Thornton Fixation Ring With Swivel	87
MI-081S	38	Towel Forceps	68
MI-2806	39	Next generation IOL injector for A, B, C cartridges	99
MI-305**	40	Plastic Sterilizing Tray, Double Level, Large	217

* optional
** not shown

MASROOR INSTRUMENTS

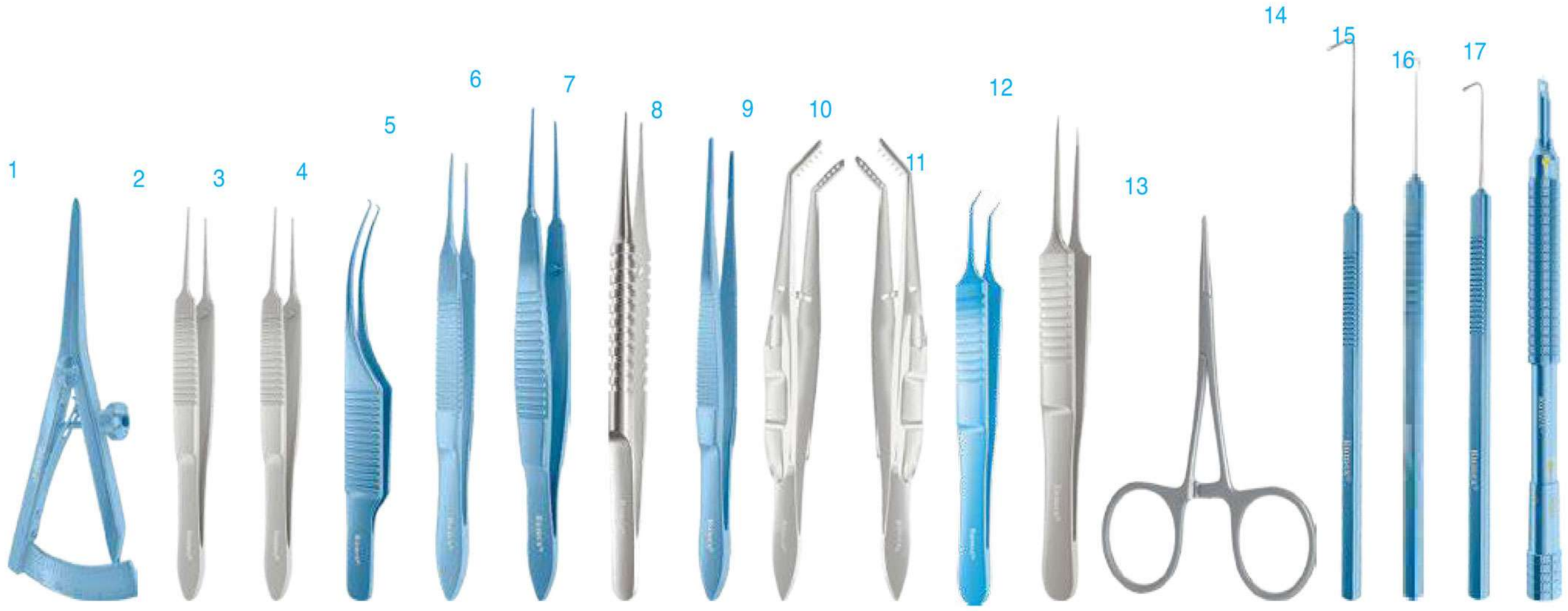


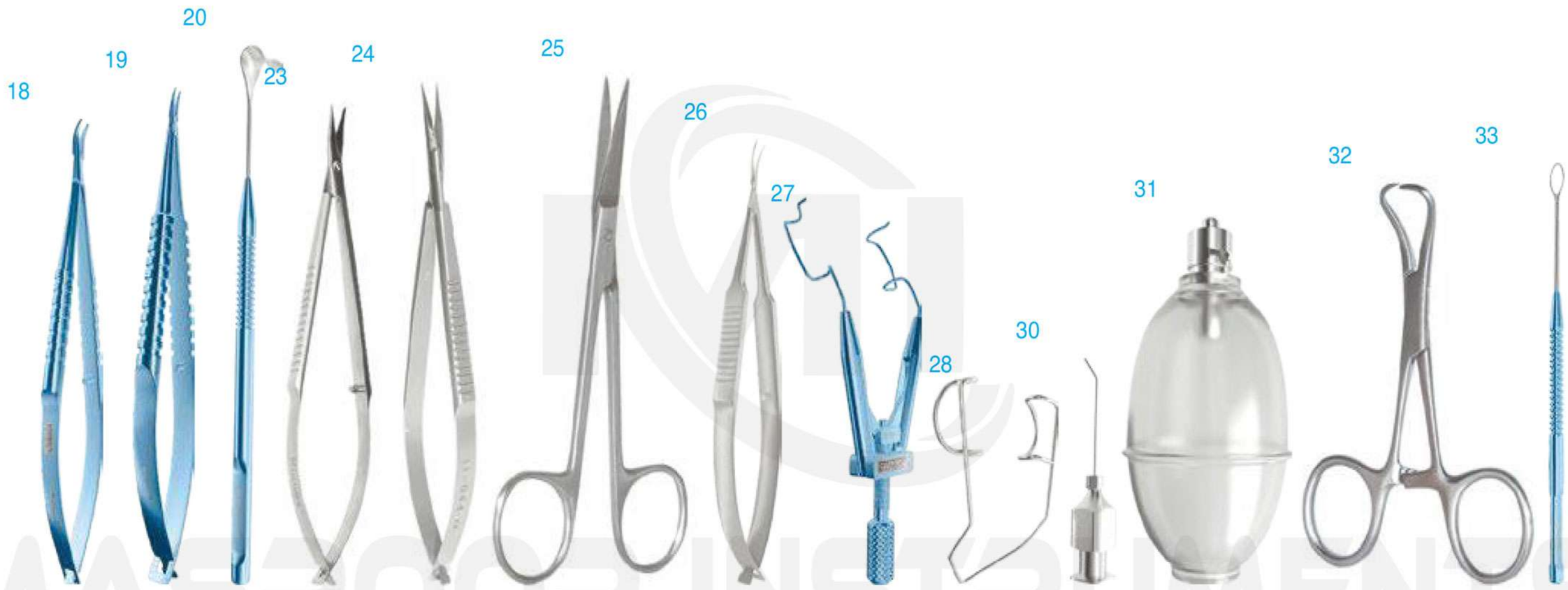
Reference	Key	Description	Page
MI-010T	1	Castroviejo Caliper, Titanium	33
MI-040	2	Whipple Capsulorrhexis Centration Marker	36
MI-03315T	3	Utrata Capsulorrhexis Forceps with Ruler	51
MI-050T	4	Colibri Corneal Forceps, .12 mm 1x2 Teeth	56
MI-0600T	5	Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65
MI-120S	6	Hartman Mosquito Forceps, Straight	64
MI-174T	7	McPherson Angled Tying Forceps	66
MI-185T	8	Tennant Straight Tying Forceps	67
MI-186S	9	Tennant Curved Tying Forceps	67
MI-2107T	10	Steinert Paddle Lens Folding Forceps	60
MI-2113S	11	MacDonald Style Inserting Forceps	60
MI-2141T	12	Cartridge Loading Forceps	60
MI-2301T	13	Fechtner Conjunctiva Forceps	54
MI-030	14	Kuglen Hook	69
MI-0331	15	Lester Lens Manipulator	70
MI-034	16	Bechert Nucleus Rotator	70
MI-10/6-053	17	Diamond knife, Trifacet Blade, 1.0 mm	41
MI-20/6-104	18	Diamond Knife, 2.3/2.8 mm Self-Diving Trapezoid Blade	42

Reference	Key	Description	Page
MI-025T	19	Ernest Nucleus Cracker	90
MI-065	20	Rosen Phaco Chopper Universal	92
MI-081-23	21	Irrigation Handpiece, Curved, 23 Ga	97
MI-0821-23	22	Aspiration Handpiece, Curved, 23 Ga	98
MI-041T	23	Barraquer Needle Holder, Medium	81
MI -5016-1	24	Disposable Iris Retractors (1 pack of 4 pcs)	19
MI -040S	25	Westcott Curved Tenotomy Scissors	48
MI -058S	26	Gills-Vannas Capsulotomy Scissors, 10 mm Blades	49
MI -022S	27	Barraquer Wire Speculum, Adult Size	32
MI -040TK	28	Lieberman Temporal Speculum, Adult Size	30
MI -0681	29	Chang Nucleus Hydrossector	157
MI -071-25	30	McIntyre Nucleus Hydrossector, Spatulated	156
MI -170	31	Microincisional Capsule Polisher, 23 Ga	96
MI -129-0.3	32	Simcoe I/A Cannula, 23/23 Ga	160
MI -301/303	33	Silicone Bulb With Adapter	164
MI -0341T	34	Thornton Fixation Ring With Swivel	87
MI -080S	35	Towel Clamp	68
MI -2806	36	IOL injector for A, B, C cartridges	99
MI -305*	37	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

Eye Instruments





Reference	Key	Description	Page
MI-010T	1	Castroviejo Caliper	33
MI-100S	2	Straight Iris Forceps With Serrations	63
MI-101S	3	Straight Iris Forceps, 1x2 Teeth	63
MI-0501T	4	Colibri Corneal Forceps, .12 mm 1x2 Teeth	56
MI-058T	5	Bonn Corneal Forceps, Straight, .12 mm 1x2Teeth	58
MI-0600T	6	Castroviejo Suturing Forceps, .12 mm 1x2 Teeth	65
MI-070S	7	Dressing Forceps, 6 mm Serrated Tips	58
MI-2300T	8	Bonaccolto Utility Forceps	67
MI-130S	9	Jameson Muscle Forceps, Left	64
MI-131S	10	Jameson Muscle Forceps, Right	64
MI-173T	11	McPherson Angled Tying Forceps, 6 mm Platform	66
MI-178S	12	McPherson Straight Tying Forceps, 7 mm Plarform	66
MI-120S	13	Hartman Mosquito Forceps, Straight, Short	64
MI-060	14	Gass Retinal Detachment Hook	71
MI-040	15	Jameson Muscle Hook	70
MI-062	16	Stevens Curved Tenotomy Hook	71
-322/6-0531	17	Universal Three-step diamond knife with 20 Degrees Trifacet Blade, 1.00 mm	43
-011T	18	Barraquer Needle Holder, Small size	80
-045T	19	Barraquer Needle Holder, Extra Fine Jaws, Medium size	81

Reference	Key	Description	Page
MI-021	20	Desmarres Lid Retractor, Size 1	86
MI-022*	21	Desmarres Lid Retractor, Size 2	86
MI-023*	22	Desmarres Lid Retractor, Size 3	86
MI-040S	23	Westcott Tenotomy Scissors, Blunt Tips, 13 mm Blades	48
MI-044S	24	Westcott Stitch Scissors, Sharp Tips, 16 mm Blades	47
MI-080S	25	Straight Iris Scissors	46
MI-058S	26	Gills-Vannas Capsulotomy Scissors, 10 mm Blades	49
MI-040T	27	Lieberman Temporal Speculum	30
MI-022S	28	Barraquer Wire Speculum, Adult Size	32
MI-023S*	29	Barraquer Wire Speculum, Child Size	32
MI-051-25	30	Rycroft Anterior Chamber Cannula, 25 Ga	151
MI-301/303	31	Silicone Bulb With Adapter	164
MI-081S	32	Towel Forceps	68
MI-115	33	Flynn Scleral Depressor, Overall Length 90 mm	88
MI-305*	34	Plastic Sterilizing Tray, Double Level, Large	217

* not shown

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

MI-5117	20Ga
MI-5165	23Ga

6.0 mm tip Stainless Steel Metal Hub

MI-5220	20Ga
MI-5222	23Ga

Viscous Fluid

Injection Cannula

10 mm polyimide tip
Allowing injection of viscous fluids such as silicone oil through 23Ga trocar cannula

MI-5248	23Ga

Illuminated Infusion Cannula

For simultaneous infusion of liquids and illumination

Chandelier

Cannula with illumination

Ocutome® connector

-5037	20Ga

Illuminated

Infusion Cannula

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

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

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)

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

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

MI-5063	20Ga (.90 mm)
MI-5161	23Ga (.60 mm)
MI-5152	25Ga (.50 mm)

Diamond Dusted Soft Tip Cannula

For simultaneous infusion and aspiration of liquids

1.0 mm silicone tip
For triamcinolone removal

MI-5193	20Ga (0.90 mm)
MI-5192	23Ga (0.60 mm)

MASROOR INSTRUMENTS

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

MI-5151	20Ga (0.90 mm)
MI-5164	23Ga (0.60 mm)
MI-5156	25Ga (0.50 mm)

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

Peyman

High Viscosity Fluid Cannula

MI-R7516	16Ga x 9mm (3/8 in)

Dual Bore Cannulas

For simultaneous infusion and aspiration of liquids.

Dual Bore PFC Cannula

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

Dual Bore BSS Injection Needle

20Ga (0.90 mm) cannula

MI-5194	41Ga (0.10 mm) tip

Cannulas for Backflush Instruments

Brush Tip Cannula

For atraumatic brushing of retina

0.90 mm silicone brush tip

MI-5017	20Ga (0.90 mm)

0.60 mm silicone brush tip

MI-5162	23Ga (0.60 mm)
MI-5160	25Ga (0.50 mm)

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

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

MI-R7514	30Ga tip, straight (shown)
MI-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)

MI-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)

MI-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")

MI-R7720	Angled
MI-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")

MI-R7820	Angled
MI-R7821	Straight

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

Round End Cannulas

Used after ablation to wash away particulates from anterior ana 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

MI-R7227 27Ga x 7/8 in (0.40X22 mm)

Lasik Irrigator

Formed 9 mm from the end

MI-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

MI-R7430 25Ga x 1 in

Gulani

Triple Function Lasik Cannula

16Ga tapered to 25Ga x 8mm bend with smooth bulbous tip (open end)

MI-R7431 25Ga x 5mm bend

MASROOR INSTRUMENTS

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Round End Cannulas

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

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Two 0.15 mm ports 2 mm and
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MI-R7227 27Ga x 7/8 in (0.40X22 mm)

Lasik Irrigator

Formed 9 mm from the end

MI-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

MI-R7430 25Ga x 1 in

Gulani

Triple Function Lasik Cannula

16Ga tapered to 25Ga x 8mm bend with smooth bulbous tip (open end)

MI-R7431 25Ga x 5mm bend

MASROOR INSTRUMENTS

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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

MI-R7123 23Ga x 7/8 in (.60X22 mm)

Rosen

Lasik Cannula

Formed 11 mm

MI-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

MI-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

MI-R7323 23Ga x 7/8 in (0.60X22 mm)

Hersh

Lasik Spatula/Irrigator

Formed 9 mm from the end, 45º

MI-R7223 23Ga x 7/8 in (0.60 X 22 mm)

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Lacrimal Cannula

Curved, malleable
20G shaft having reinforced 12 mm

MI-R7013 23Ga x 42 mm

Lacrimal Cannula

MI-R7021 21Ga x 11/4 in (0.80 X 33 mm)

Fasanella

Lacrimal Cannula

Gently curved

MI-R7023 23Ga x 42 mm

Anel

Lacrimal Cannula

Straight
Special long mount blunt tip

MI-R7025 25Ga

Lacrimal Cannula

MI-R7026 26Ga x 11/8 in (0.45 X 28 mm)

Shahinian

Lacrimal Cannula

Straight
Smooth bullet shape end

MI-R7027 25Ga x 35 mm

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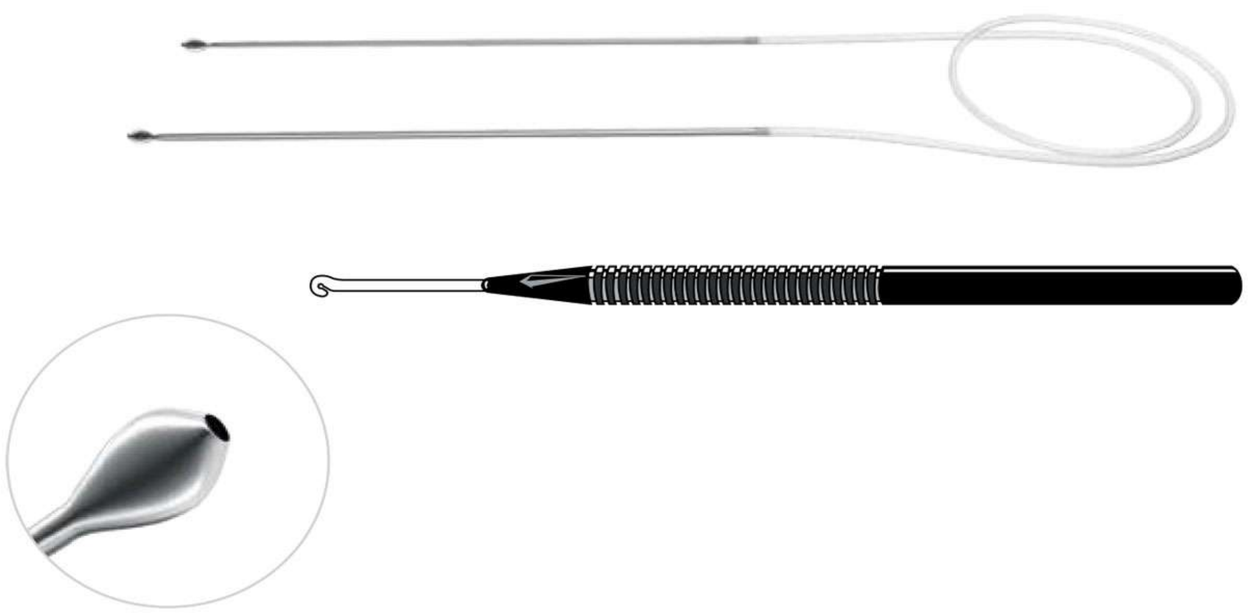
Lacrimal Intubation and DCR

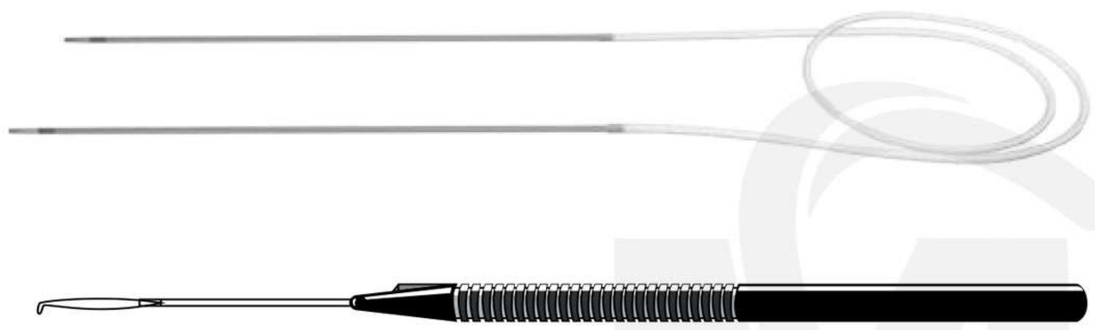
For surgical treatment, repair and irrigation of the nasolacrimal system



Lacrimal Intubation Set

Olive tip
Silicone tube length 35 cms
Stainless steel probes

MI-R7004	27Ga x 11 cm probe
MI-R7004RD	27Ga x 11 cm probe (with Retrieval Device)



Notched

Lacrimal Intubation Set

35cms silicone tubing
Stainless steel probes

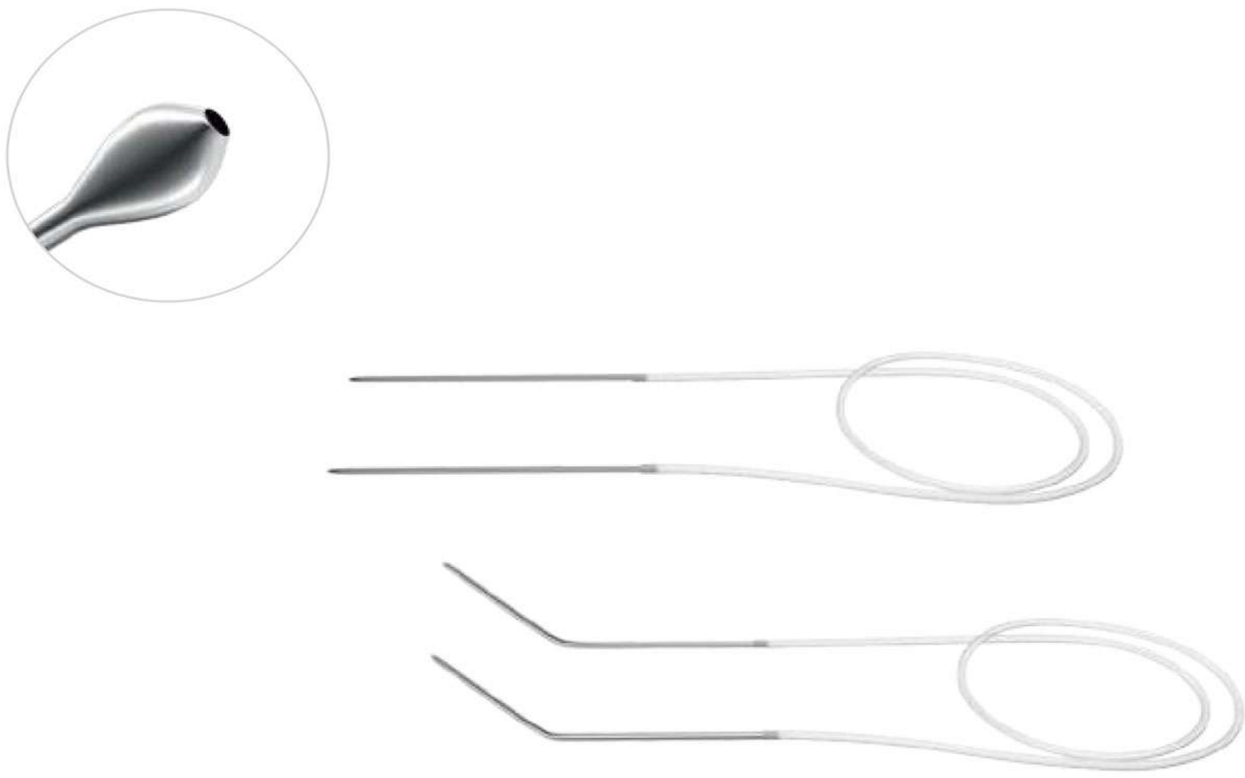
MI-R7005	23Ga x 11 cms probe
MI-R7005RD	23Ga x 11 cms probe (with Retrieval Device)

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

MI-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

MI-R7011	20Ga x 45mm (1 3/4"), Straight
MI-R7012	20Ga x 45mm (1 3/4"), Angled

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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

MI-R5524

Male-To-Male Connector

fits Luer taper on both ends
made with autoclavable plastic

MI-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

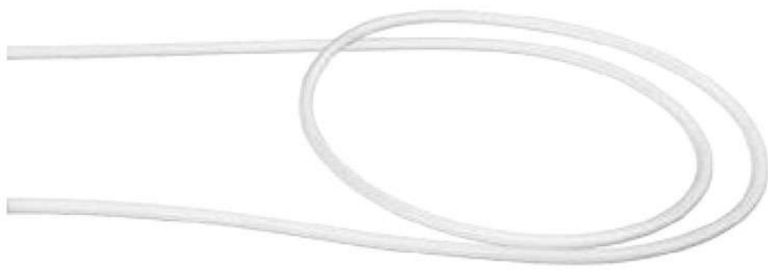
Silicone tubing 30 cm (12 in)
Stainless steel probes
ID - .30mm (.12 in)
OD - .60mm (.025 in)

MI-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)

MI-R7002



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Micro Etched Tip Cannulas

Slightly roughened for gentle polishing. Beveled down for polishing posterior capsule

Olive Tip Capsule Polisher

Curved
1mm smooth, bulbous tip

MI-R2623 23Ga x 1in (.60X25mm)

Jensen

Olive Tip Capsule Polisher

Curved
1mm smooth, bulbous tip

MI-R6425 25Ga x 7/8 in (.50X22 mm)

Olive Tip Capsule Polisher

Angled
1mm sandblasted, bulbous tip

MI-R6425A 23Ga x 10 mm bend

Thorton

J Capsule Polisher

Hook 2 mm long X 2 mm wide

MI-R6323 23Ga x 7/8 in (.60X22 mm)

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Soft Tip Cannulas

Soft tip for gentle polishing which provides atraumatic insertion and removal

Squeegee

Soft Tip Cannula

Angled 32º, 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)

MI-R6023	23Ga x 7/8 in (.60X22 mm)
MI-R6027	27Ga x 7/8 in (.40X22 mm)

Engels

Anterior Capsule Polisher

MI-R6327	27Ga x 7/8 in (.40X22 mm)

Engels

Posterior Capsule Polisher

MI-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 37º, 7 mm from the end,
.30 mm side port
3 mm sandblasted closed end

MI-R6121	21Ga x 7/8 in (.80X22 mm)
MI-R6123	23Ga x 7/8 in (.60X22 mm)

Capsule Polisher

Angled 37º, 7 mm from the end
3 mm sandblasted open end

MI-R6223	21Ga x 7/8 in (.80X22 mm)
MI-R6223	23Ga x 7/8 in (.60X22 mm)

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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)

MI-R5623	23Ga/23Ga x 5/8 in (.60X16 mm)
MI-R5623-0.4	23Ga/23Ga x 5/8 in (.60X16 mm)
MI-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)

MI-R5623-0.3R	23Ga/23Ga x 5/8 in (.60X16 mm)
MI-R5623-0.4R	23Ga/23Ga x 5/8 in (.60X16 mm)

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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

-R5023 23Ga x 7/8 in (.60X22 mm)

-R5016 23Ga (.60 mm) x 13mm

Charleux

Cortex Extractor

MI-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

MI-R5223 23Ga x 7/8 in (.60X22 mm)

Hook 1.5 mm long X 1.5 mm wide

MI-R5227 27Ga x 7/8 in (.40X22 mm)

J Cannula

Hook 2 mm long X 2 mm wide
Angled 45º, 10 mm from the end

MI-R5425 25Ga x 7/8 in (.50X22 mm)

Binkhorst

J Cortex Extractor Angled

Angled 18º, 12 mm from the end

Hook 1.5 mm long X 1.75 mm wide

MI-R5425R 25Ga x 7/8 in (.50X22 mm) Right

Hook 1.5 mm long X 1.5 mm wide

MI-R5425L 25Ga x 7/8 in (.50X22 mm) Left

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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

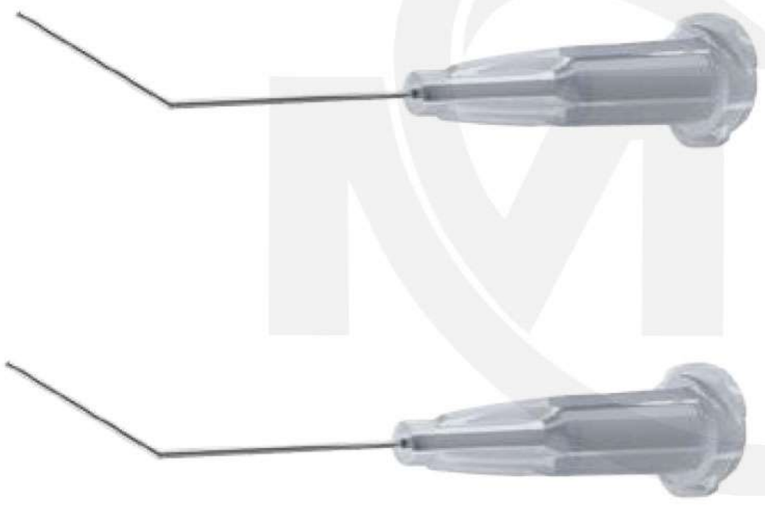
Hydrodissector

Curved, Flattened

MI-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°

MI-R2225	25Ga x 7/8 in (.50X22 mm)
MI-R2227	27Ga x 7/8 in (.40X22 mm)

Viscoelastic Cannula

10 mm from the end
Angled 32°

MI-R2323	23Ga x 7/8 in (.60X22 mm)
MI-R2327	27Ga x 7/8 in (.40X22 mm)

Viscoelastic Cannula

11 mm from the end
Formed

MI-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

MI-R4625	25Ga x 7/8 in (.50X22 mm)
MI-R4627	27Ga x 7/8 in (.40X22 mm)

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

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

MI-R4025 25Ga x 7/8 in (.50X22 mm)

Hydrodissector

Angled 32°, Smooth oval shaped tip
10 mm from the end

MI-R4027 27Ga x 7/8 in (.40X22 mm)
MI-R4030 30Ga x 7/8 in (.30X22 mm)

Daya

Hydrodissector

Formed 11 mm

MI-R4125 25Ga x 7/8 in (.50X22 mm)

Hydrodissector

Flattened Horizontal
Tip flattened horizontally 4 mm from the end

MI-R4127 27Ga x 7/8 in (.40X22 mm)

Kellan

Hydrodissector

Flattened Vertical
Curved

MI-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

MI-R4325 25Ga x 7/8 in (0.50X22 mm)
MI-R4327 27Ga x 7/8 in (0.40X22 mm)

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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 32º.

Hydrodissector

10 mm from the end

MI-R4427 27Ga x 7/8 in (.40X22 mm)

12 mm from the end

MI-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 90º, 1 mm bend

MI-R4725 25Ga x 7/8 in (.50X22 mm)
MI-R4727 27Ga x 7/8 in (.40X22 mm)
MI-R4730 30Ga x 7/8 in (.30X22 mm)

Akahoshi

Hydrodissector

Angled 45º,1.5 mm bend

MI-R4827 27Ga x 7/8 in (.40X22 mm)

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Endocapsular Cystotome

Curve facilitates intercapsular / endocapsular techniques.

Joyce

Endocapsular Cystotome

MI-R3825	25Ga x 5/8 in (.50X16 mm)
MI-R3827	27Ga x 5/8 in (.40X16 mm)

Reverse Tip Cystotomes

Tip is bent towards port for downward irrigation. Tip angeled 90º towards bevel.

Irrigating Cystotome

MI-R3125	25Ga x 5/8 in (.50X16 mm)

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Formed Cystotomes

Pearce

Irrigating Cystotome

MI-R3023	23Ga x 5/8 in (.60X16 mm)
MI-R3025	25Ga x 5/8 in (.50X16 mm)
MI-R3027	27Ga x 5/8 in (.40X16 mm)
MI-R3030	30Ga x 5/8 in (.30X16 mm)

Side Cutting Cystotome

MI-R3725	25Ga x 5/8 in (.50X16 mm)

Irrigating Cystotome

45º tip

MI-R3925	25Ga x 5/8 in (.50X16 mm)

Angled Cystotomes

Angled Cystotome

MI-R3427	27Ga x 5/8 in (.40X16 mm)

Straight Cystotomes

Irrigating Cystotome

MI-R3523	23Ga x 5/8 in (.60X16 mm)
MI-R3525	25Ga x 5/8 in (.50X16 mm)
MI-R3527	27Ga x 5/8 in (.40X16 mm)
MI-R3530	30Ga x 5/8 in (.30X16 mm)

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Short Curve Irrigating Cystotomes

For capsulotomy on deep-set eyes or small pupils.

Irrigating Cystotome

Small radius

-R3225 25Ga x 5/8 in (.50X16 mm)
-R3227 27Ga x 5/8 in (.40X16 mm)
-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 º, then rotated 90 º.

Capsulorrhexis Cystotome

FORMED

MI-R3325 25Ga x 5/8 in (.50X16 mm)
MI-R3327 27Ga x 5/8 in (.40X16 mm)

Capsulorrhexis Cystotome

STRAIGHT

MI-R3627 27Ga x 5/8 in (.40X16 mm)
MI-R3630 30Ga x 5/8 in (.30X16 mm)

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Anteriror 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)

MI-R2520 20Ga x 7/8 in (0.90X22 mm)

Irrigating Cannula

Bishop Harmon

Cannula

8mm, 37°angled
Smooth oval shaped tip

MI-R2619 19Ga x 1 in (1.10X25 mm)

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Peribulbar Needles

For injecting anesthetic agents around the globe (periocular).

Atkinson

Peribulbar Needle

MI-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 32º

Rycroft

Anterior Chamber Cannula

4mm from the end

MI-R2023 23Ga X 7/8 in (.60X22 mm)
MI-R2025 25Ga X 7/8 in (.50X22 mm)
MI-R2027 27Ga X 7/8 in (.40X22 mm)
MI-R2030 30Ga X 7/8 in (.30X22 mm)

6mm from the end

MI-R2027-6 27Ga X 7/8 in (.40X22 mm)

8mm from the end

MI-R2027-8 27Ga X 7/8 in (.40X22 mm)

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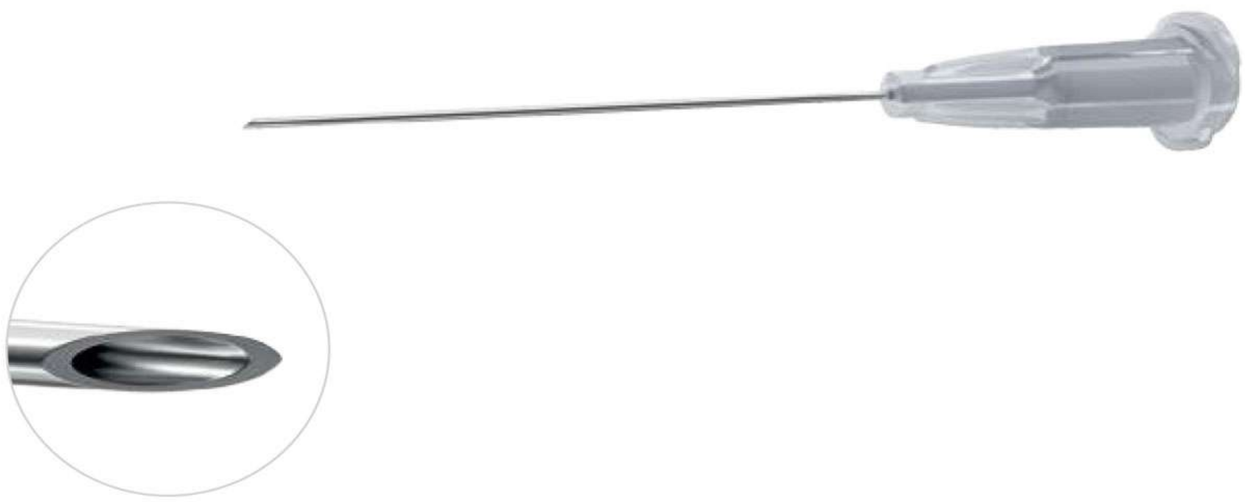
Retrobulbar / Peribulbar Needles

May be used to perform peribulbar or retrobulbar administrations.



Atkinson

Anesthesia Needle

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

Retrobulbar Needles

For injecting anesthetic agents into the muscle cone.

Atkinson

Retrobulbar Needle

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

Retrobulbar Needle

Sharp

MI-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

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

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Silicone Bulb With Adapter

MI-301/303

Titanium Microsurgical Handle

Male-Male

MI-307T

Titanium Microsurgical Handle

Male-Female

15-308T

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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"

MI -450-27 27Ga

Glaucoma Cannulas

Viscocanalostomy Cannula

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

MI·1051-30 30Ga

Glaucoma Revision Pick

Angled 60°, bend length 7 mm

MI·1052 27Ga x 16mm

Glaucoma Valte Introducer Needle

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

MI·1053 26Ga/23Ga

Mendez

Anterior Chamber Cannula

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

MI-1054 27Ga x 10mm

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

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

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

Banaji

LASIK Irrigation Cannula

4 Ports 0.25 mm on periphery
Curved

MI -373-25	25Ga
MI -373-27	27Ga

Slade

LASIK Cannula

Flattened spatulated tip, end opening

MI-376	26Ga

Buratto

LASIK Irrigation Cannula

45° angled triport

MI -379-25	25Ga

Gimbel

LASIK Fountain Cannula

Single port

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

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

Lacrimal Cannulas

Reinforced

Lacrimal Cannula

Malleable
20Ga Shaft having reinforced 12 mm

MI-027 23Ga x 32mm, Straight
MI-029 23Ga x 32mm, Curved (shown)

Bailey

Lacrimal Cannula

Exposed tip, straight
For Infants short 20Ga straight shaft having 7 mm

MI-031 23Ga x 15mm

Shahinian

Lacrimal Cannula

Smooth bullet shape end

MI-032 25Ga x 35mm

Fasanella

Lacrimal Cannula

Gently curved

MI-033 23Ga x 42mm

Anel

Lacrimal Cannula

Curved, special long mount blunt tip

MI-035-23C 23Ga
MI-035-25C 25Ga

Anel

Lacrimal Cannula

Straight, special long mount blunt tip

MI-035-23S 23Ga
MI-035-25S 25Ga

West

Lacrimal Cannula

Gently curved,
0.3 mm bottom port, blunt tip

MI-037 23Ga x 30mm

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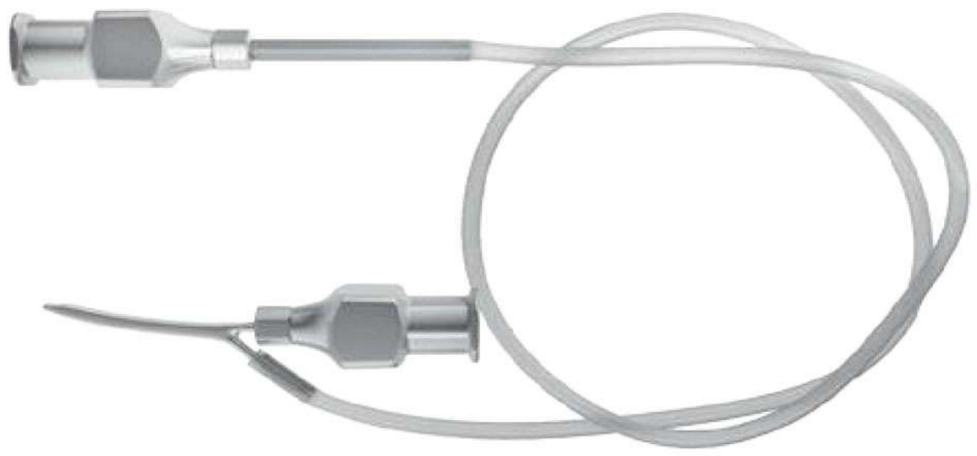
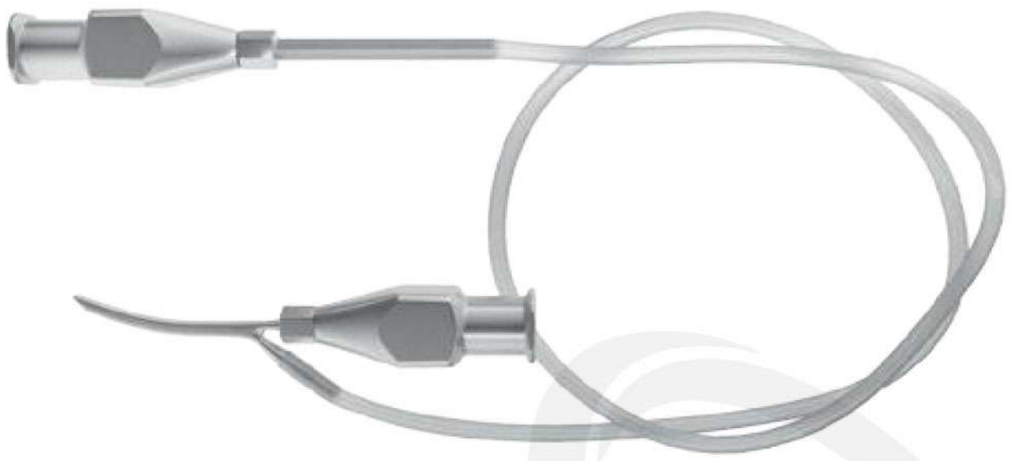


Simcoe

I/A Cannula with Silicone Tubing

Regular
0.3 / 0/4 mm Port

MI-129-0.3	23/23Ga
MI-129-0.4	23/22Ga



Simcoe

I/A Cannula with Silicone Tubing

Reverse
Aspiration through hub 0.3 / 0.4 mm Port
Irrigation through tubing

MI-133-0.3	23/23Ga
MI-133-0.4	23/22Ga

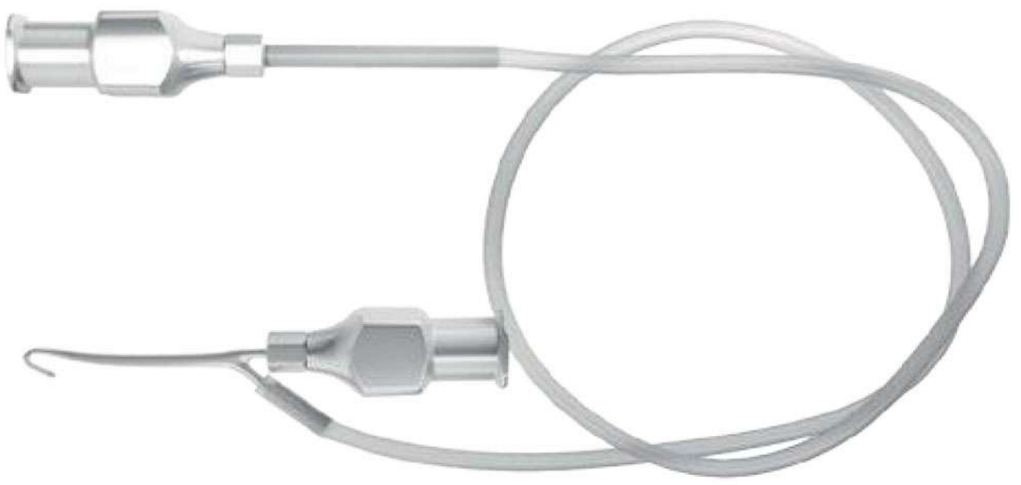
"J" shape fascilitates removal of cortex at 12 0'clock position

J Shaped

I/A Cannula with Silicone Tubing

Regular
0.3 mm top port

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



J Shaped

I/A Cannula with Silicone Tubing

Reverse
0.3 mm top port

MI-1150R	23/23Ga, Right

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

Troutman

Alpha-Chrymostrypsin Aspirating Cannula

Smooth bulbous tip

MI-097 25Ga x 26mm

U-Shaped

Aspirating Cannula

Hooked 1.50 mm X 1.75 mm

MI-099-21	21Ga x 22 mm
MI-099-23	23Ga x 22 mm
MI-099-25	25Ga x 22 mm
MI-099-27	27Ga x 22 mm

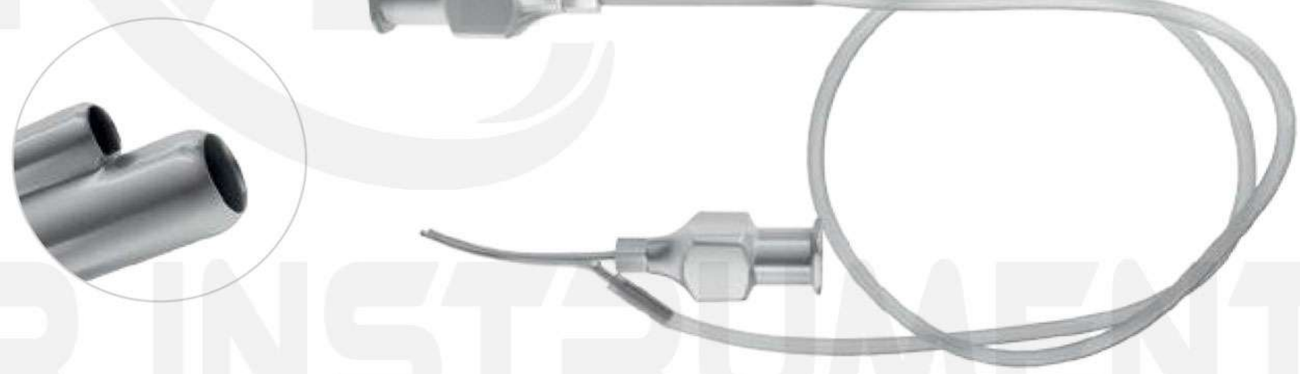
Irrigating / Aspirating Cannulas

Gills

I/A Cannula with Silicone Tubing

Side By Side Front Opening

MI-119 23/23Ga



Gills-Welsh

I/A Cannula with Silicone Tubing

Flat olive tip

MI-121L	25/23Ga, Left (shown)
MI-121R	25/23Ga, Right
MI-121S	25/23Ga, Straight

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

Pearce

J-Shaped Micro Hydrodissector

Hook 1.75mm wide x 2.25mm long.

MI-073-23	23Ga x 22mm
MI-073-25	25Ga x 22mm
MI-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.

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

Feaster

Nucleus Hydrodilineator

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

MI-1077	25Ga x 22mm

Blumenthal

Tapered Hydrodilineator

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

MI-1078	25Ga x 22mm

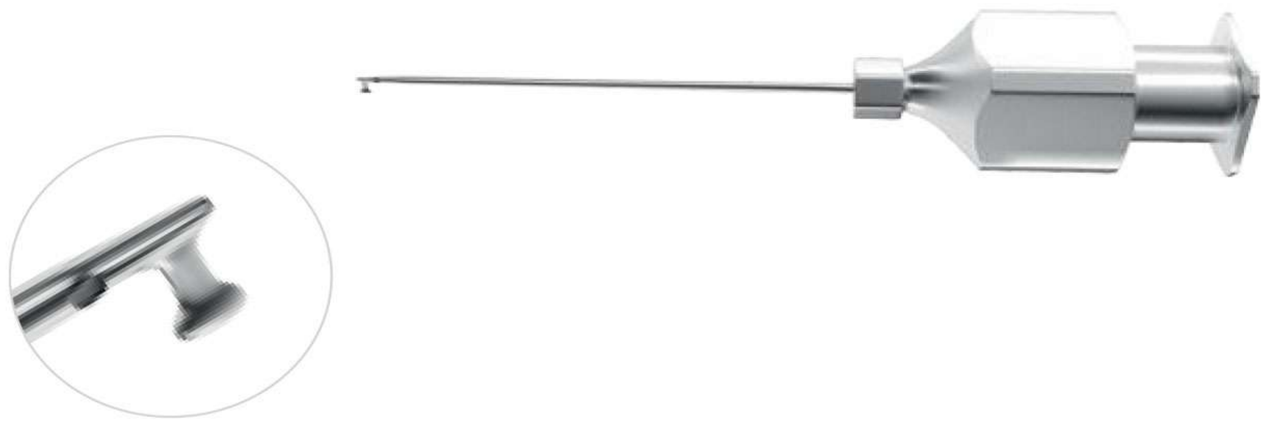
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

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

MI-170	23Ga x 25mm

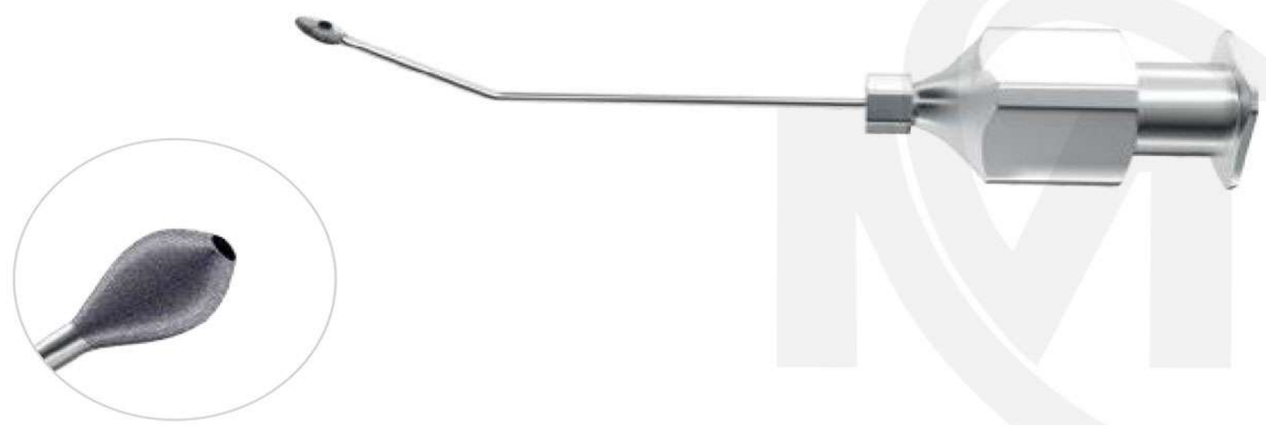


Graether

Collar Button

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

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



Pearce

Capsule Polisher

Olive Tip, 0.3 mm top port micro sand blasted

MI-1157-23	25Ga x 25mm

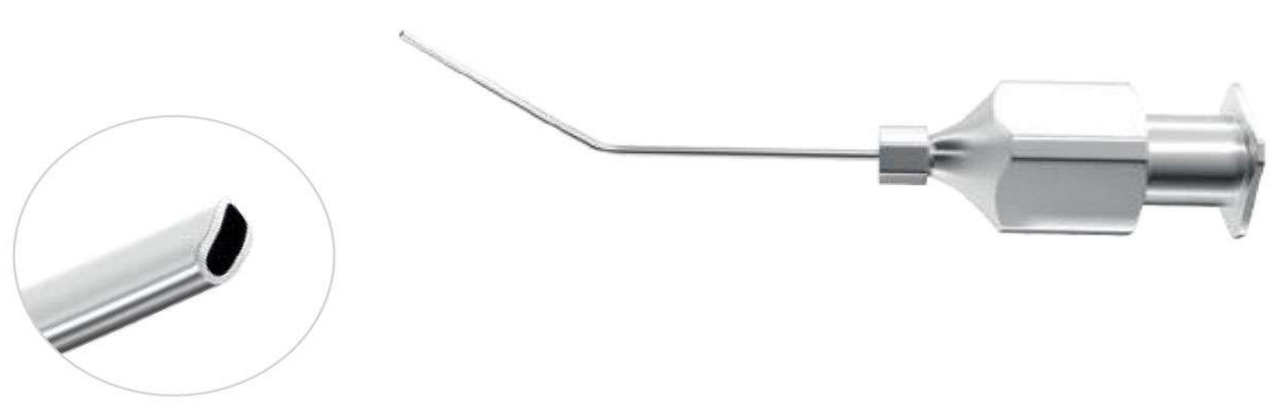
Hydrodissection / Hydrodelineation Cannulas

Rainin

Nucleus Hydrodissector

Spatulated on horizontal plane
Angled 45°, bend 7mm

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



McIntyre

Nucleus Hydrodissector

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

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

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

McIntyre

Nucleus delivery cannula

Spoon 4.0 mm
Used with trisector to take out bigger fragments

MI-197-4 23Ga

Sheets

Irrigating Vectis

3 irrigating ports
Serrations on top
Loop 6.5 mm wideX19 mm long

MI-203 21Ga x 38mm

Capsule Polishers

Flexible Tip Polisher

12 mm sleeve length
Angled 45°, bend 9 mm

MI-100-23 23Ga x 22mm
MI-100-27 27Ga x 22mm

Engels

Flexible Tip Polisher

23 mm sleeve length, Curved

MI-101-27 27Ga x 22mm

Jensen

Capsule Polisher

Gently Curved, Olive tip
All around sand blasted

MI-159-25 25Ga x 28mm
MI-159-27 27Ga x 28mm

Kratz

Capsule Polisher

0.3 mm top port
Angled, blasted 3 mm from end

MI-169-21 21Ga x 22mm
MI-169-23 23Ga x 22mm

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

Sub-Tenon's

Anesthesia Cannula

Curved, Flattened Tip
Front Opening

MI-013-19 19Ga x 25mm

Kelman

Sharp Irrigating Cystotome

Curved sharp cutting edge

MI-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

MI-183 23Ga

Drews

Irrigating Vectis

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

MI-184 25Ga

Anis

Irrigating Vectis

Two front opening ports,
heart shaped loop

MI-189 23Ga

Simcoe

Nucleus Delivery Cannula

With serrations

MI-201L 23Ga, Left (shown)
MI-201R 23Ga, Right

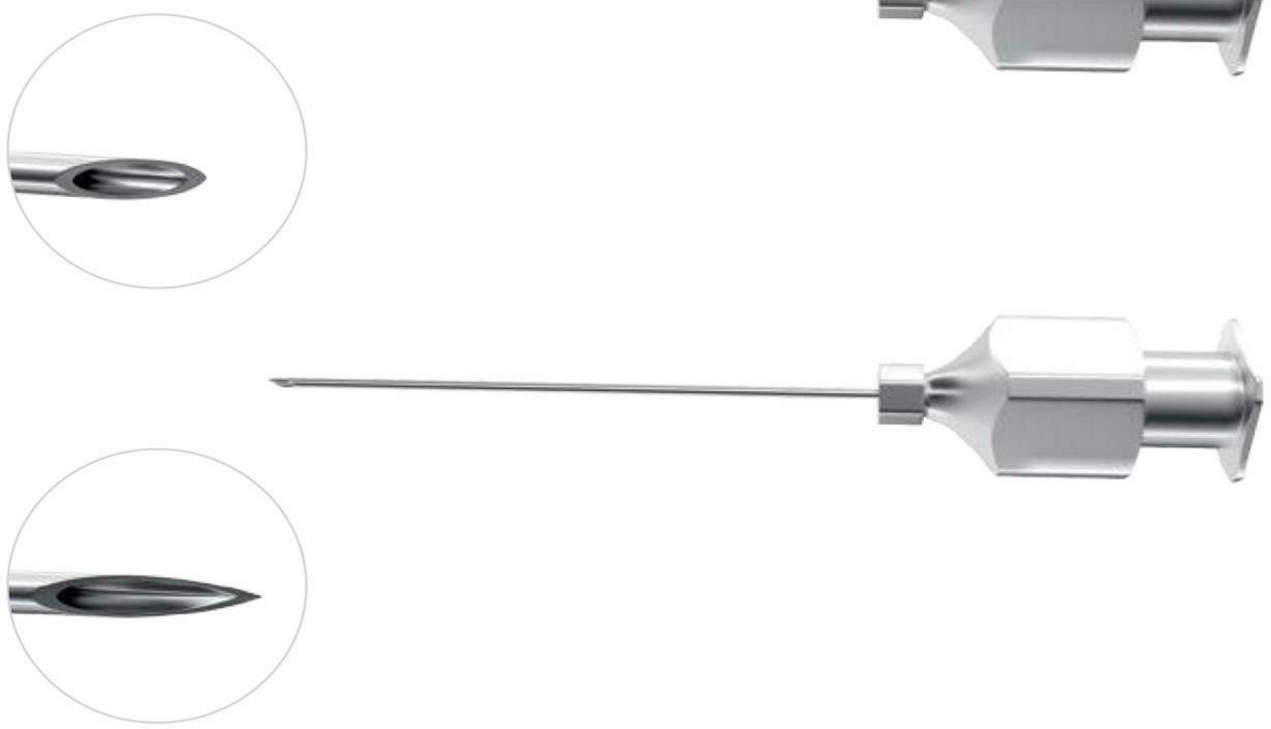
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

Cannulas for Anesthesia

Atkinson

Retrobulbar Needle

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



Retrobulbar Needle

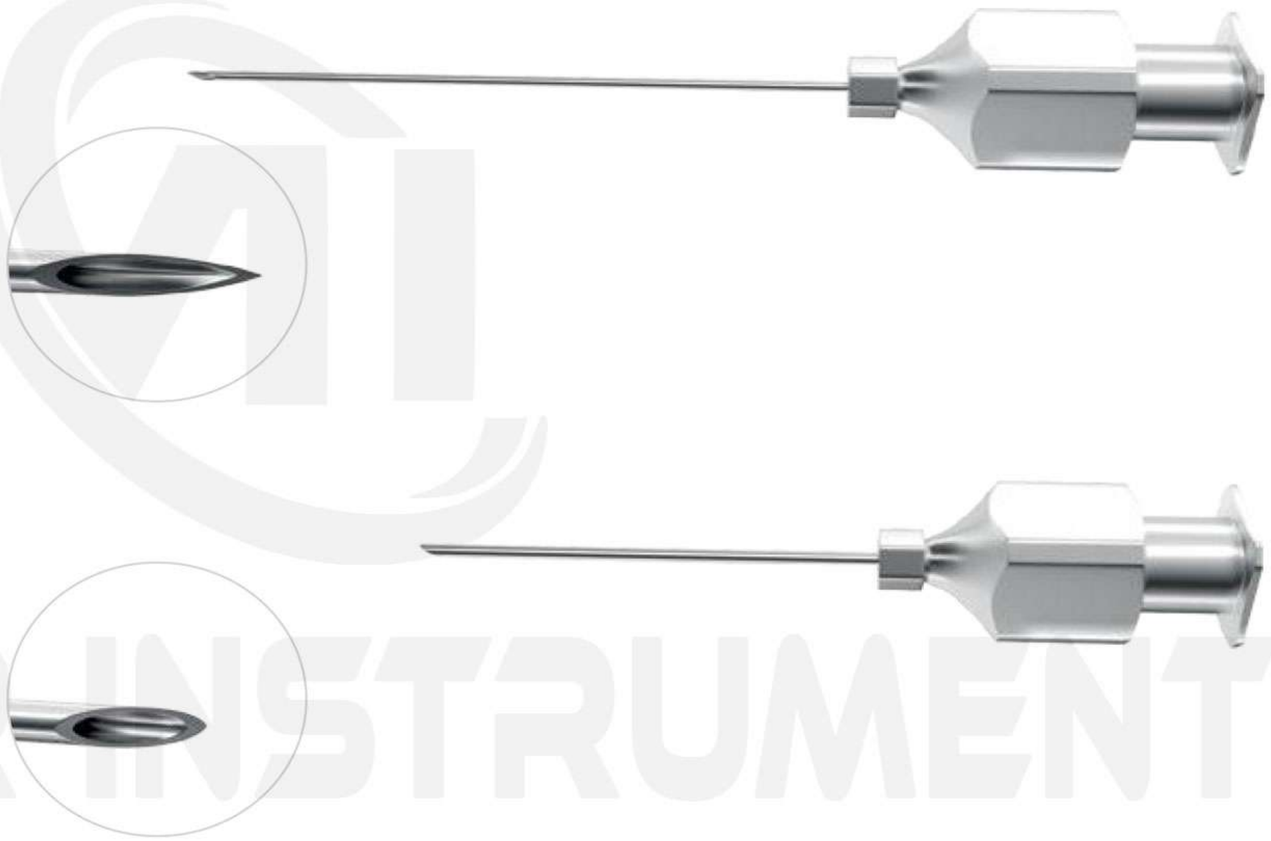
Sharp Point

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

Retrobulbar Needle

Sharp Point

MI-003-25B 25Ga x 50mm



Atkinson

Peribulbar Needle

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

Sub-Tenon's

Anesthesia Cannula (Para)

Curved, Flattened Tip
0.3 mm sideports

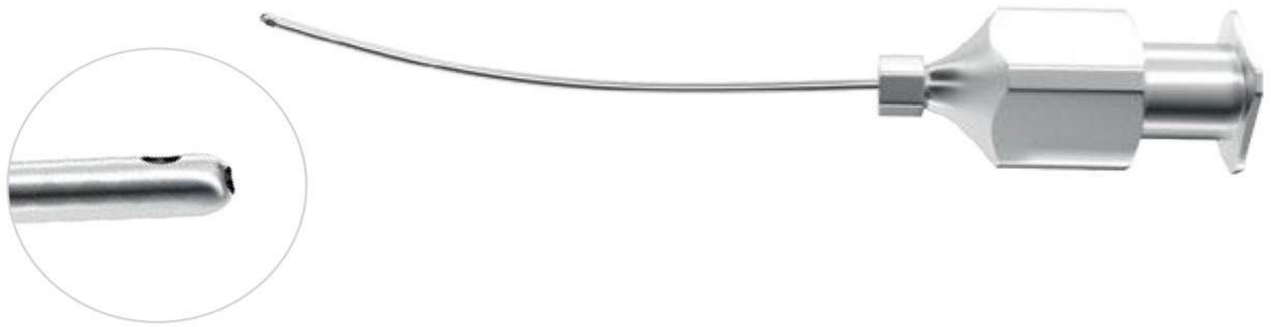
MI-009 19Ga x 25mm

Sub-Tenon's

Anesthesia Cannula

Curved, 3 ports

MI-011C-19 19Ga x 25mm



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

Anterior Chamber Cannulas

McIntyre

Anterior Chamber Maintainer

Angled, smooth blunt tip, front opening

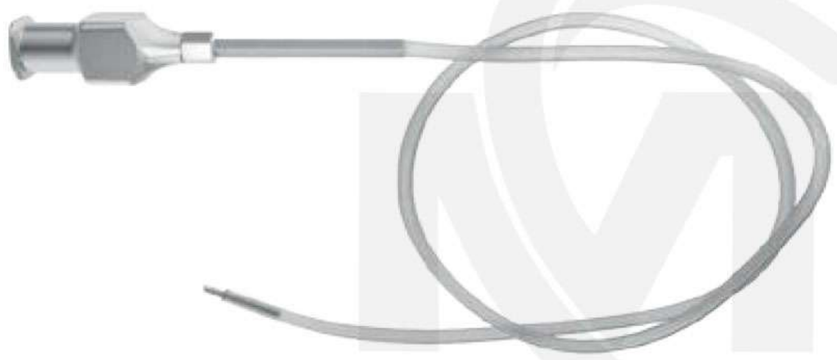
MI-061-23	23Ga
MI-061-25	25Ga
MI-061-26	26Ga
MI-061-27	27Ga
MI-061-30	30Ga

Knolle

Anterior Chamber Cannula

2mm angled tip

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

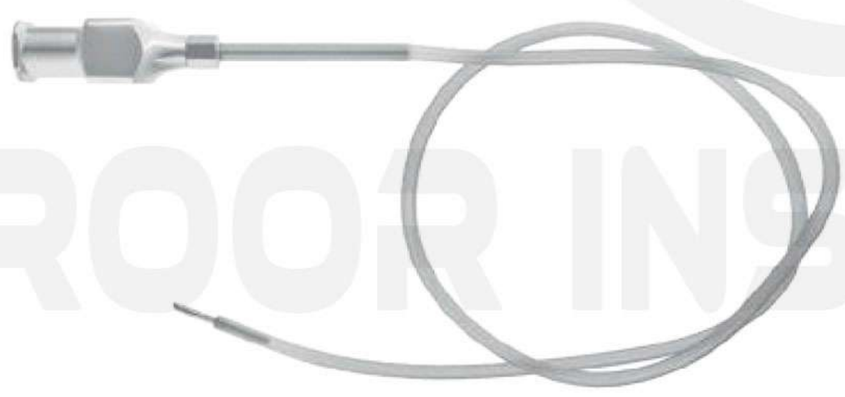


Lewicky

Anterior Chamber Maintainer

Silicone tubing attached
Unique annular rings for self retaining

MI-065	20Ga x 3.50 mm



Girard

Anterior Chamber Maintainer

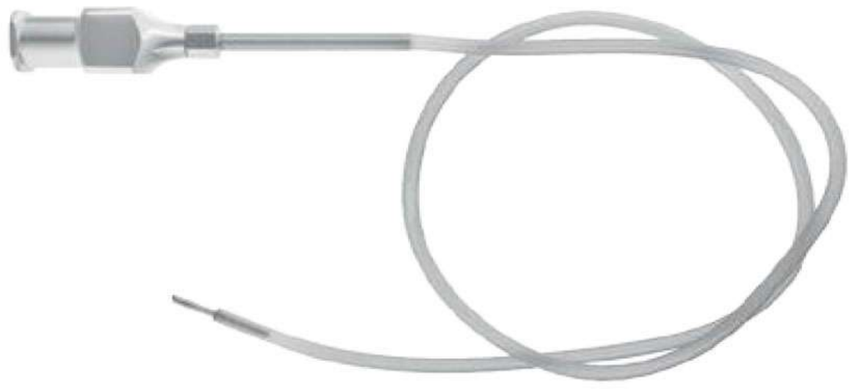
With Atkinson point,
20cms silicone tubing

MI-067	23Ga x 5.0 mm

Viscoelastic Flow Cannula

Formed, dome shaped provides safe insertion. For easier injection of viscoelastic to all meridians

MI-1056	27Ga x 24 mm



Jaymce

Anterior Chamber maintainer

Bulbus Tip allows easy insertion and minimum tissue disturbance

MI-1067	20Ga x 4 mm from tip

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

Irrigating Cannulas

Irrigating Cannula

Straight Blunt Tip, Polished

For atraumatic brushing of retina

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

Anterior Chamber Cannulas

Rycroft

Anterior Chamber Cannula

4 mm bend length
Angled 45°

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

Rycroft

Anterior Chamber Cannula

6 mm bend length
Angled 45°

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

Rycroft

Anterior Chamber Cannula

8 mm bend length
Angled 45°

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

Bishop Harmon

Anterior Chamber Cannula

8 mm from end
Angled 40°, spatulated

MI-055-19	19Ga x 25mm

Bracken

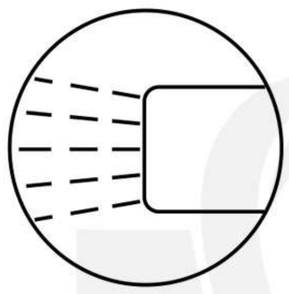
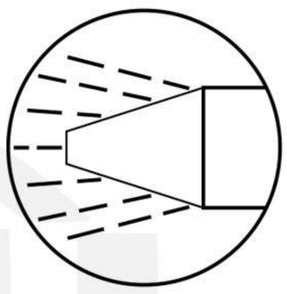
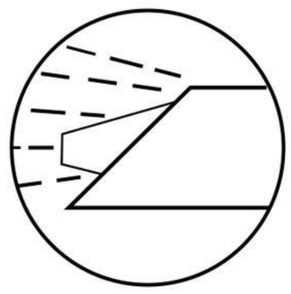
Anterior Chamber Cannula

Curved 90°, Flattened bevel tip

MI-057	19Ga x 23mm

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

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®	MI-5072	20 Ga	12-5073	20 Ga	–	
Accurus™	MI-5177	23 Ga	12-5178	23 Ga	–	
	MI-5135	25 Ga				
B&L®	MI-5076	20 Ga	12-5077	20 Ga	–	
	MI-5179	23 Ga	12-5180	23 Ga		
	MI-5138	25 Ga				
Ocutome®	MI-5014	20 Ga	12-5019	20 Ga	MI-5079	20 Ga
	MI-5163	23 Ga	12-5169	23 Ga	MI-5210	23 Ga
	MI-5126	25 Ga				

5 per box

Fiber Optic Adapter

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

MI-5023

Fiber Optic Adapter

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

MI-5025

Fiber Optic Adapter

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

MI-5024

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

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

MI-5191	20Ga (0.90 mm)
MI-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

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

Illuminated Infusion Cannula

For simultaneous infusion of liquids and illumination.

Chandelier Cannula with illumination

Ocutome® connector

MI-5037	20Ga

Illuminated Infusion Cannula

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

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

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

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

Reusable

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

Silicone Oil Infusion Cannula

Disposable, 5 per box

MI-5012	20Ga, 4.0 mm tip
MI-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

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

6.0 mm tip Stainless Steel Metal Hub

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

Self-Retaining Silicone Oil Infusion Cannula

Disposable, 5 per box

4.0 mm tip Stainless Steel Metal Hub

MI-5117	20Ga
MI-5165	23Ga

6.0 mm tip Stainless Steel Metal Hub

MI-5220	20Ga
MI-5222	23Ga

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

BACKFLUSH INSTRUMENTS

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 surrounting tissue.
Disposable, 5 per box

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

Brush Tip Cannulas

For atraumatic brushing of retina.
Disposable, 5 per box

MI-5017	20 Ga
MI-5162	23 Ga
MI-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

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

Diamond Dusted Soft Tip Cannulas

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

MI-5193	20 Ga
MI-5192	23 Ga

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

MI-6010

Titanium Backflush Handle

Active Aspiration

Reusable

MI-6000

Backflush Handle

Passive Aspiration
Sterile
5 per box

MI-5197

Backflush Handle

Active Aspiration
Sterile
5 per box

MI-5196

Replacement Reservoir for Backflush Handle

Passive
Sterile
10 per box

MI-5147

Replacement Reservoir for Backflush Handle

Active
Sterile
10 per box

MI-5159

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

VITRECTOMY CUTTERS

Disposable / Posterior

MI-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

MI-5022

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

MI-5157

Alcon®: Accurus™
DORC®: Associate™

2500 CPM	30 PSI	25 Ga	Without Irrigation Sleeve

Sterile
One per package

MI-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

MI-5172

Alcon®: Accurus™
DORC®: Associate™

2500 CPM	30 PSI	23 Ga	Without Irrigation Sleeve

MI-5216

DORC®: Harmony Total TTC™

1500 CPM	30 PSI	23 Ga	Without Irrigation Sleeve

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Irrigation Sleeves

Disposable Irrigation Sleeve
5 per package

MI-5035

Reusable Irrigation Sleeve
1 per package

MI-5034

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

Disposable / Posterior

MI-5020

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

800 CPM	20 PSI	20 Ga	Without Irrigation Sleeve

MI-5064

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

800 CPM	30 PSI	20 Ga	Without Irrigation Sleeve

MI-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

MI-5124

Alcon®: Accurus™
DORC®: Associate™

2500 CPM	30 PSI	20 Ga	Without Irrigation Sleeve

MI-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 cpm

1500–2500 CPM	25 PSI	20 Ga	Without Irrigation Sleeve

MI-5215

DORC®: Harmony Total TTC™

1500 CPM	25 PSI	20 Ga	Without Irrigation Sleeve

Sterile
One per package

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

VITRECTOMY CUTTERS

Disposable / Anterior

MI-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

MI-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

MI-5118

AMO®: Gemini™
B&L®: Stellaris™, Millennium™ ,
Premiere™, Protége ™
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

MI-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

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

Reusable / Posterior

MI-5026

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

800 CPM	20 PSI	20 Ga	Without Irrigation Sleeve

MI-5065

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

800 CPM	30 PSI	20 Ga	Without Irrigation Sleeve

MI-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

MASROOR INSTRUMENTS

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 / Anterior

MI-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

MI-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

MI-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

MI-5119

AMO®: Gemini™
B&L®: Stellaris™, Millennium™, Premiere™, Protége™
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

MI-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

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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

12-5229
23Ga

Trocar Knife
preloaded cannulas

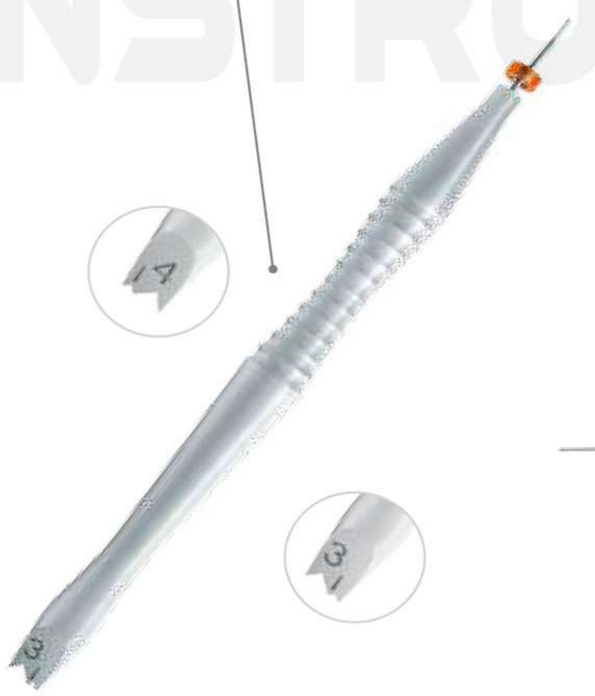
Self-Sealing Trocar Cannula
self-sealing silicone valves eliminating need for plugs

Trocar Cannula Inserter
the proximal end of the plastic handle (opposite to the knife)

can be used as a caliper and a scleral marker (two dimensions, 3.0 and 4.0 mm)

Universal Infusion Line
universal infusion line for BSS

12-5244
25Ga



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

Instrument Cannula Cannula Plug

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

MI-5189	23 Ga - 1 set per box
MI-5190	23 Ga - 5 sets per box

Closure Valves

For Trocar Cannulas

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

MI-5209	23 Ga

Angled MVR Blade

Sterile, 6 per box

MI-5184	23 Ga

19 Ga

20 Ga

Gold plated for easy identification

Scleral plugs

Ergonomically designed holder

Sterile, 5 holders per box

MI-5085	19 Ga - 4 ea, 20 Ga - 4 ea
MI-5078	19 Ga - 2 ea, 20 Ga - 2 ea

Scleral Plugs Forceps

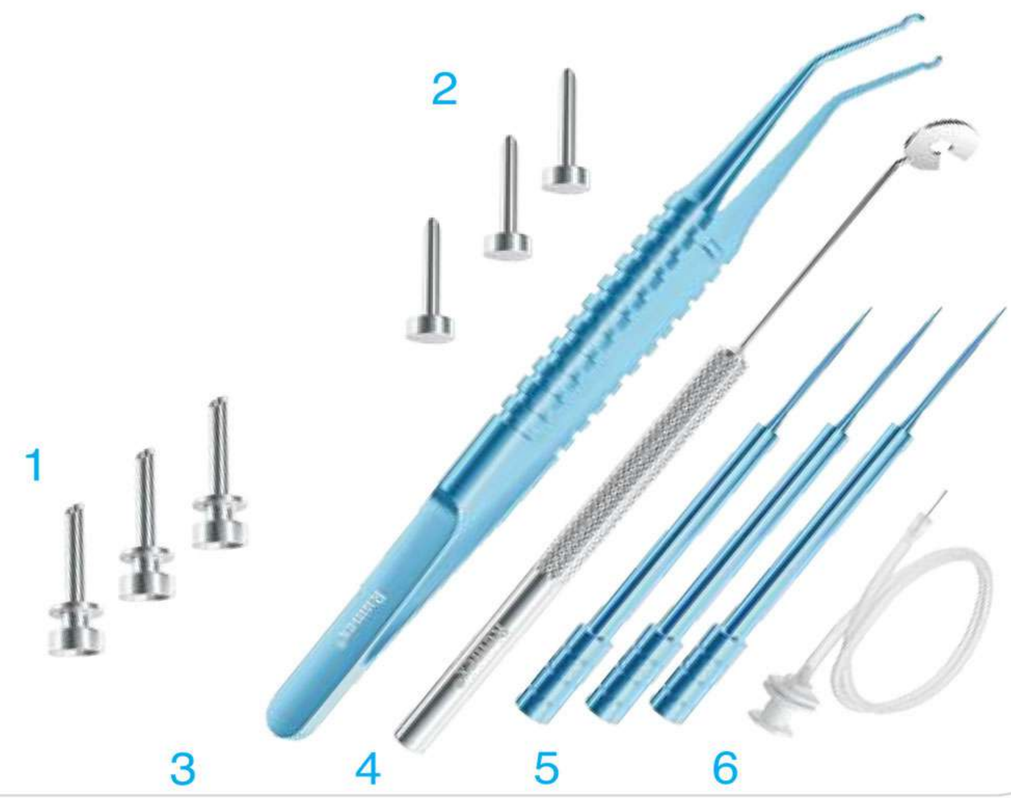
Cross action mechanism reduces hand fatigue
1 forceps per package

MI-5086S	20 Ga

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 transconjuctival sutureless vitrectomy!



Two Step

Reusable Trocar System with closure plugs

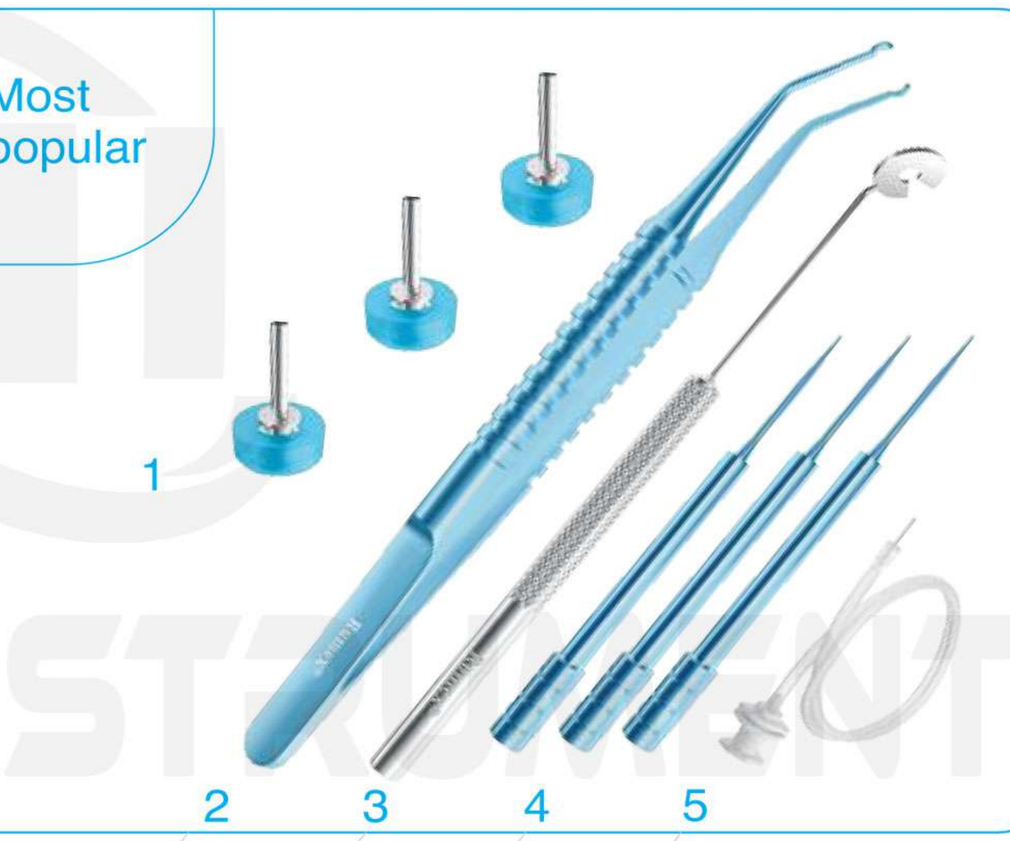
Package includes:
1. Trocar Cannula – 3 pcs
2. Trocar Cannula Plug – 3 pcs
3. Loading Forceps – 1 pc
4. Fixation Plate – 1 pc
5. Blunt Cannula Inserter – 3 pcs
6. Universal Infusion Line – 1 pc
7. Sterilizing Tray - 1 pc (not shown)

MI-5173 23 Ga

Two Step

Reusable Trocar System with closure valves

Most popular



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)

MI-5173-1 23 Ga

Accessory

Loading Forceps

MI-5186

Fixation Plate

MI-5188

Instrument Cannula Inserter

MI-5187

Universal Infusion Line

Sterile
5 per box

MI-5202

Can be ordered separately

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

SETS OF REUSABLE INSTRUMENTS

27 Gauge*

Eckardt End Gripping Forceps

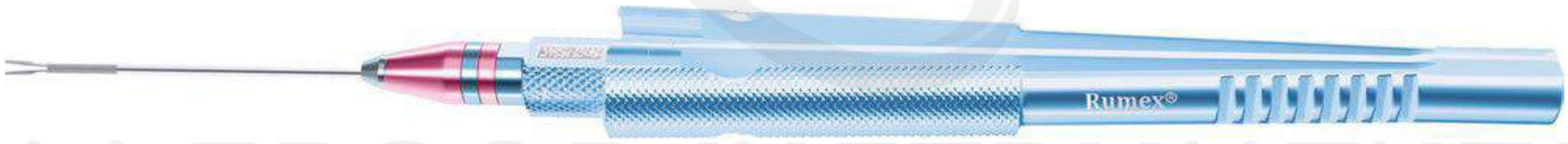
MI-410-27 27 Ga

End Grasping Forceps

MI-420-27 27 Ga

Enhanced vizualization!

Universal Handle + Interchangeable Tips (non-rotatable)*



Eckardt End Gripping Forceps

MI-410 20 Ga
MI-410-23 23 Ga

Fine End Gripping Forceps

MI-4089 25 Ga

Tano Asymmetrical End Gripping Forceps

MI-411-23 23 Ga
MI-411-25 25 Ga

Curved Subretinal Scissors

Curvature radius 12 mm

MI-209-23 23 Ga
MI-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

25 Gauge*

Enhanced vizualization!

Vertical Scissors

45 Degrees
Sharp tips

MI-2029 25 Ga

«Nail» End Gripping Forceps

MI-4089 25 Ga

Curved Subretinal Scissors

Curvature radius 12 mm

MI-2099 25 Ga

New

Eckardt End Gripping Forceps

MI-410-25 25 Ga

Diamonized Gripping Forceps

MI-3019 25 Ga

Tano Asymmetrical End Gripping Forceps

MI-411-25 25 Ga

New

«Crocodile» Gripping Forceps

MI-304-25 25 Ga

Most Popular

End Grasping Forceps

MI-420-25 25 Ga

Enhanced vizualization!

Pick Forceps

MI-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

23 Gauge*

Vertical Scissors

70 Degrees
Sharp tips

MI-202-23 23 Ga

Pick Forceps

MI-325-23 23 Ga

Curved Subretinal Scissors

Curvature radius 12 mm

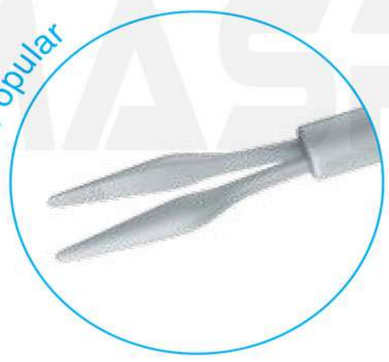
MI-209-23 23 Ga

End Gripping Forceps

With extended gripping area at the end of the tip

MI-4012 23 Ga

Most Popular



Diamonized Gripping Forceps

MI-301-23 23 Ga

«Nail» End Gripping Forceps

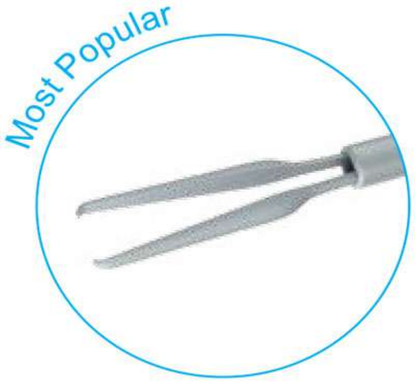
MI-402-23 23 Ga

New

«Crocodile» Gripping Forceps

MI-304-23 23 Ga

Most Popular



Eckardt End Gripping Forceps

MI-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

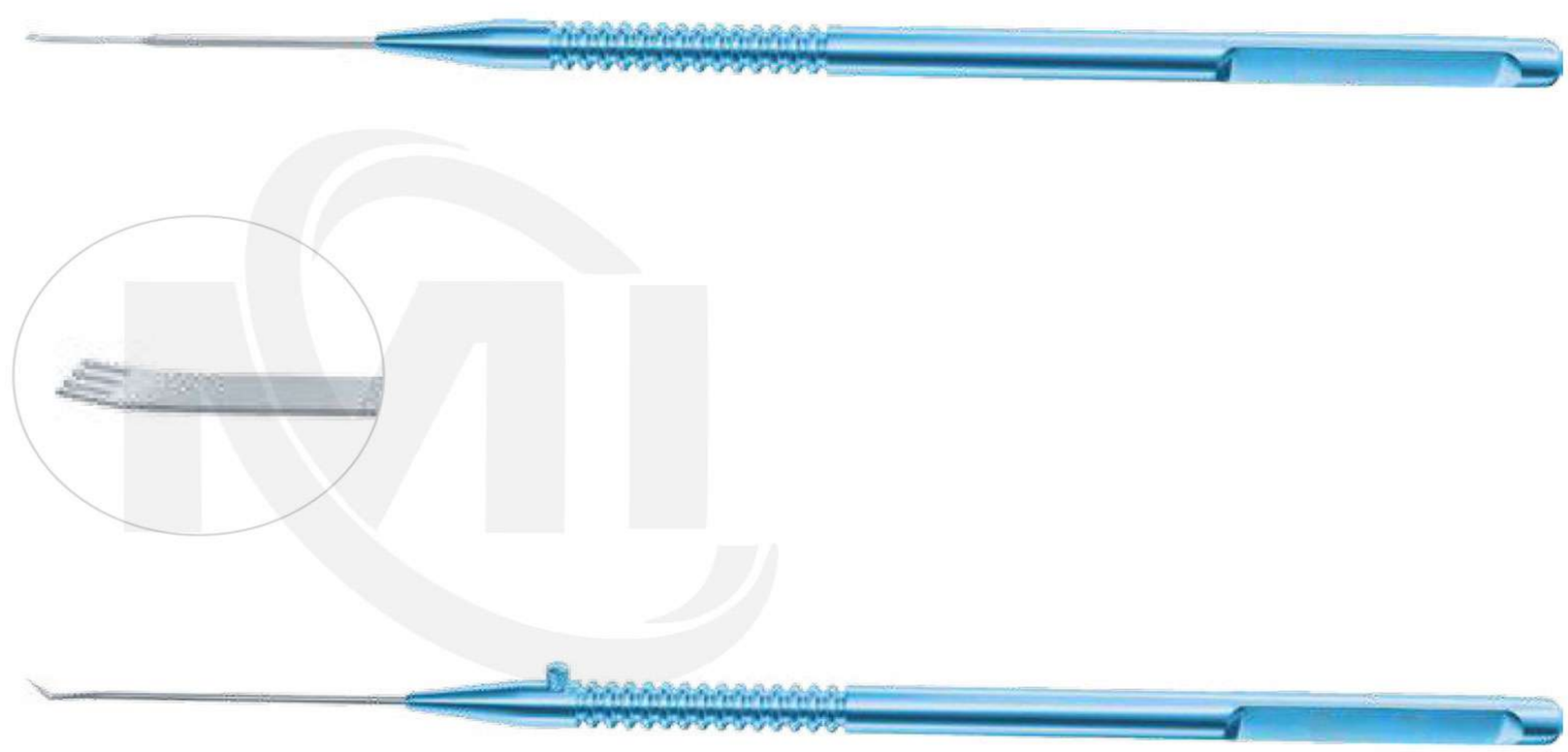
MEMBRANE INSTRUMENTS

Delicate Membrane Pick

MI-097-23	23 Ga
MI-0979	25 Ga
MI-097-27	27 Ga

Membrane Scratcher

MI-092	20 Ga



Ogura PVD Spatula

MI-1081-23	23 Ga

BRVO Knife

Designed for performing a lateral CRVO incision

MI-1091	20 Ga
MI-1091-23	23 Ga

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

VITREORETINAL FORCEPS

Pick/Subretinal Forceps*

Pick Forceps

MI-325	20 Ga
MI-325-23	23 Ga
MI-3259	25 Ga

Diamonized Angled Gripping Forceps

MI-303	20 Ga

De Juan Pick Forceps

MI-413	20 Ga

Subretinal Forceps

3 mm tips

MI-343	20 Ga

Foreign Body Removal Forceps

Avci Foreign Body Forceps

MI-412	17 Ga

Spring Gripping Forceps

MI-321	20 Ga
MI-321-23	23 Ga

Vitreoretinal Forceps

With cup jaws

MI-313	20 Ga

Stolyarenko Forceps

For large foreign bodies

MI-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

Internal Limiting Membrane Forceps*

– Delicate branches for ILM peeling

Most Popular

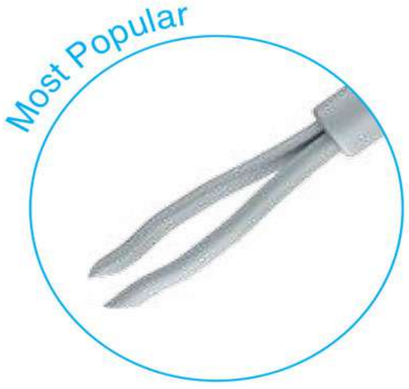
Eckardt End Gripping Forceps

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

Tano Asymmetrical End Gripping Forceps

MI-411	20 Ga
MI-411-23	23 Ga
MI-411-25	25 Ga

Most Popular



End Grasping Forceps

Standard branches,
28 mm tube (23 Ga)

MI-420-23	23 Ga
MI-420-25	25 Ga
MI-420-27	27 Ga

Elongated branches, 30 mm tube
Designed for myopic eyes

MI-4202-23	23 Ga

Enhanced vizualization!

Tanaka Maculorhexis Forceps

MI-414	23 Ga

New

End Grasping Forceps

Expanded Space between Branches

MI-4013	23 Ga

Enhanced vizualization!

Kawai ILM Forceps

MI-415	25 Ga

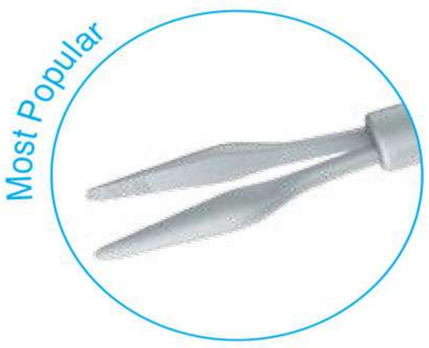
* Handles are sold separately: 12-003T and 12-001T

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

VITREORETINAL FORCEPS

Epiretinal Forceps*

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



Diamonized Gripping Forceps

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

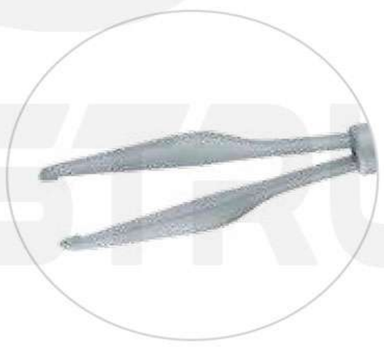
End Gripping Forceps

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

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Standard Scissors*

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

Vertical Scissors

70 Degrees
Sharp tips

MI-202	20 Ga
MI-202-23	23 Ga

Klaus Lucke Retinotomy Scissors

With bulbous tip

MI-2020	23 Ga

Vertical Scissors

45 Degrees

MI-2029	25 Ga

Straight Scissors

Blunt tips

MI-211	20 Ga

Horizontal Scissors

55 Degrees

MI-206	20 Ga

Horizontal Scissors

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

-208	20 Ga

Horizontal Scissors

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

MI-2085	20 Ga

Curved Subretinal Scissors

Curvature radius 12 mm

MI-209	20 Ga
MI-209-23	23 Ga
MI-2099	25 Ga

Illuminated Scissors*

Horizontal Scissors

Angled 45 Degrees
With Illumination

MI-2084	20 Ga

Side Curved Scissors

MI-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

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

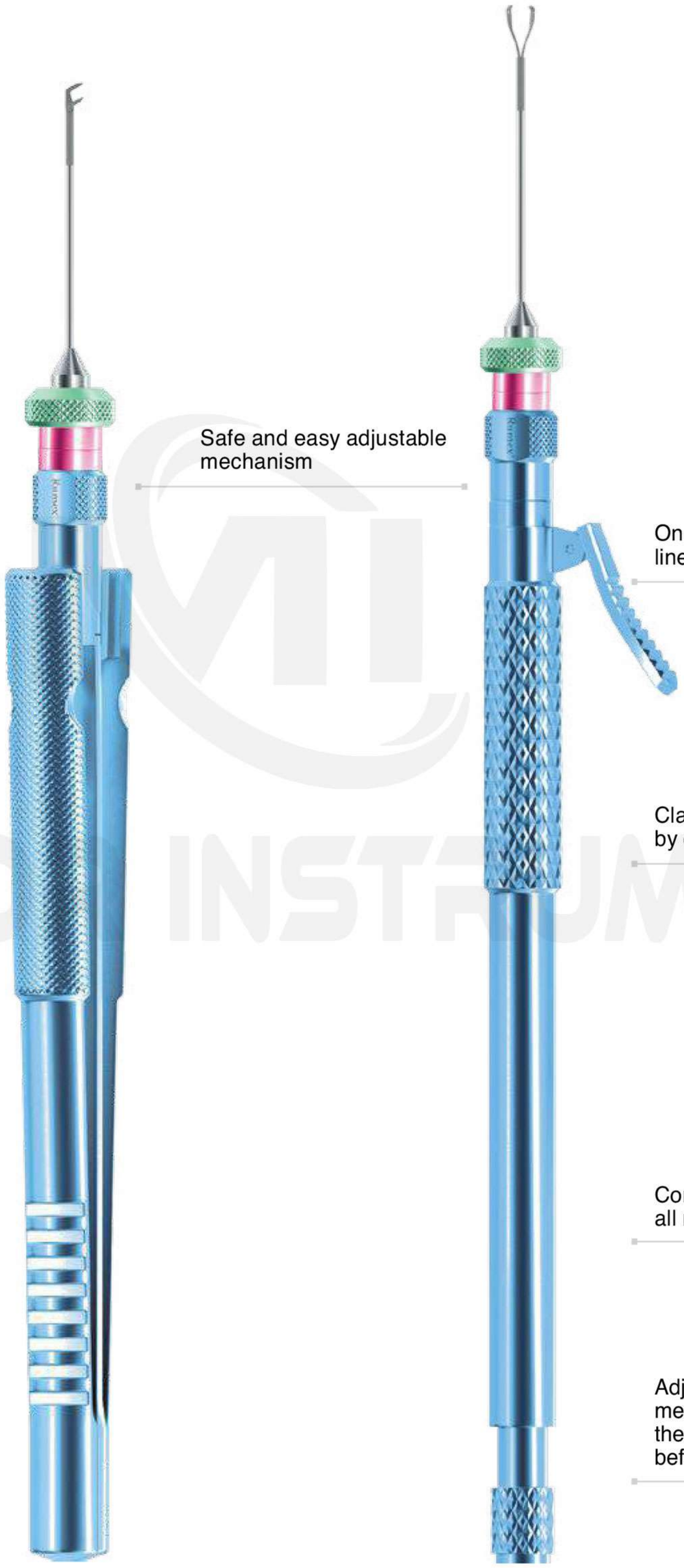
Two Fingers Control Squeeze Handle

MI-003T

Classic Model

One Finger Control Handle

MI-001T



Two fingers linear actuation

Ergonomic handle with specially designed gripping area for amplified control over the instrument

Optimal diameter round handle allows 360° rotation

Non compatible with the following tips:
12-206, 12-313, 12-321, 12-321-23, 12-335

Safe and easy adjustable mechanism

One finger linear actuation

Classic design approved by decades of work

Compatible with all models of tips

Adjustable screw mechanism (to customize the opening of branches before manipulation)

* Tips are sold separately!

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

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)*

	Outer Diameter	
Gauge	(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

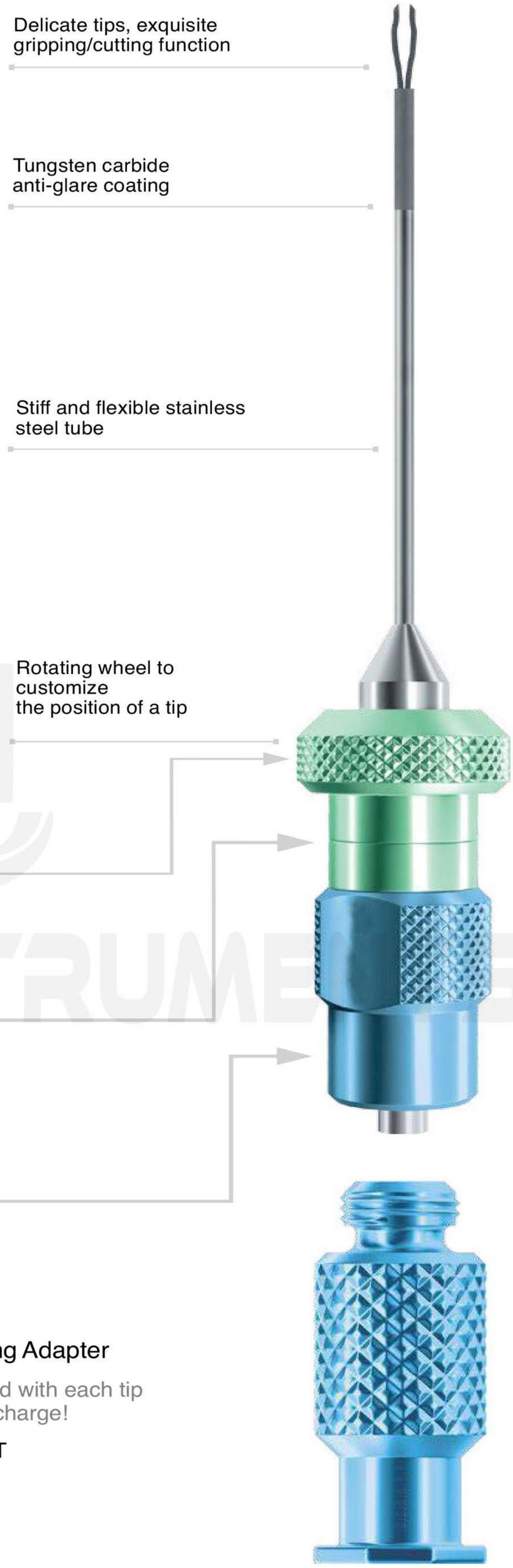
COMPATIBILITY (adjustable to handles)	
12-001T	PINK
12-001T / 12-003T	BLUE

* 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!



Flushing Adapter

Provided with each tip free of charge!

MI-000T

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

OCULOPLASTIC AND MUSCLE INSTRUMENTS

Muscle Hooks

Stevens

Tenotomy Hook
– 6 mm curved hook
Overall length 120 mm

MI-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

MI-034T

Wells

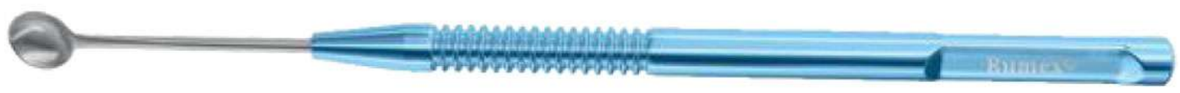
Enucleation Spoon
– Round knurled handle
Overall length 130 mm

MI-060

Bunge

Evisceration Spoon
– Round knurled handle
Overall length 130 mm

MI-061 small size
MI-062 large size



OCULOPLASTIC AND MUSCLE INSTRUMENTS

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

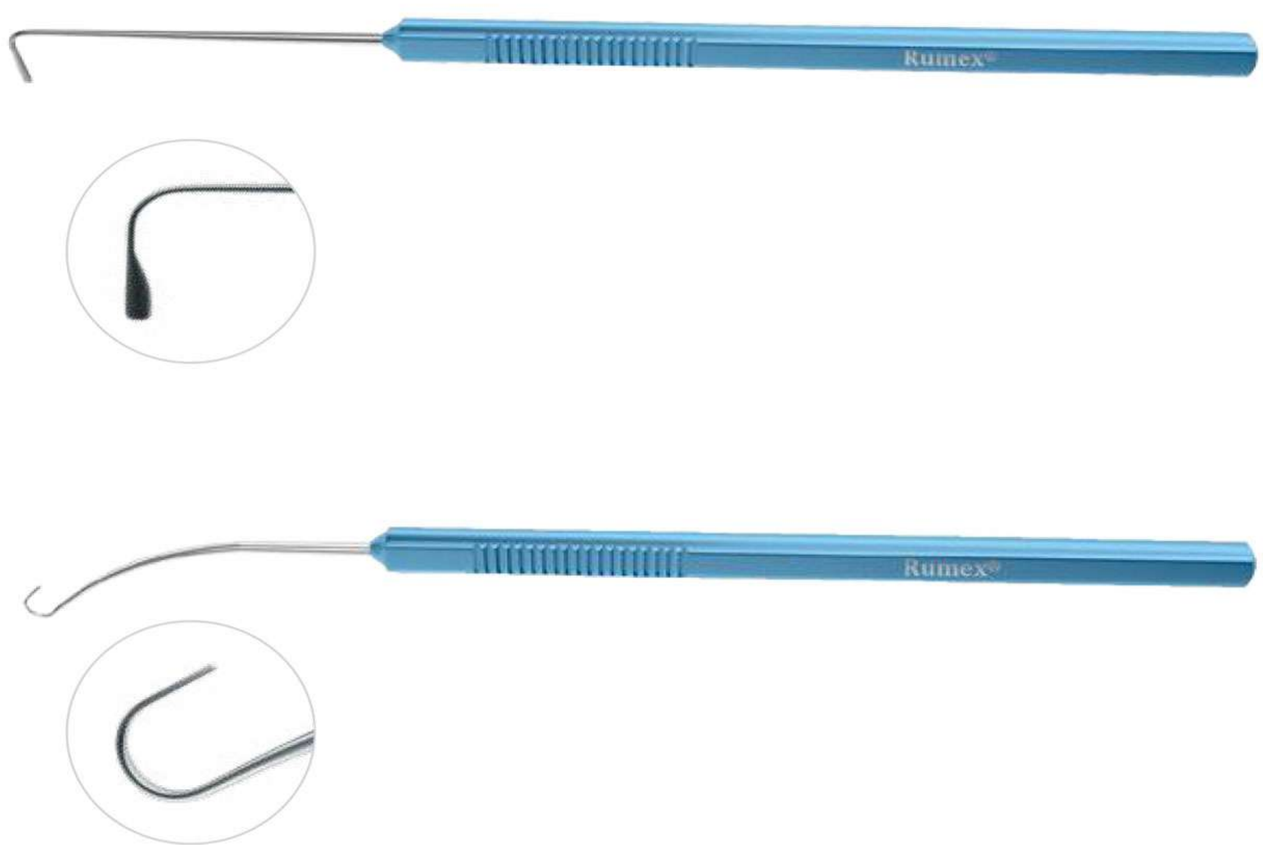
Muscle Hooks

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

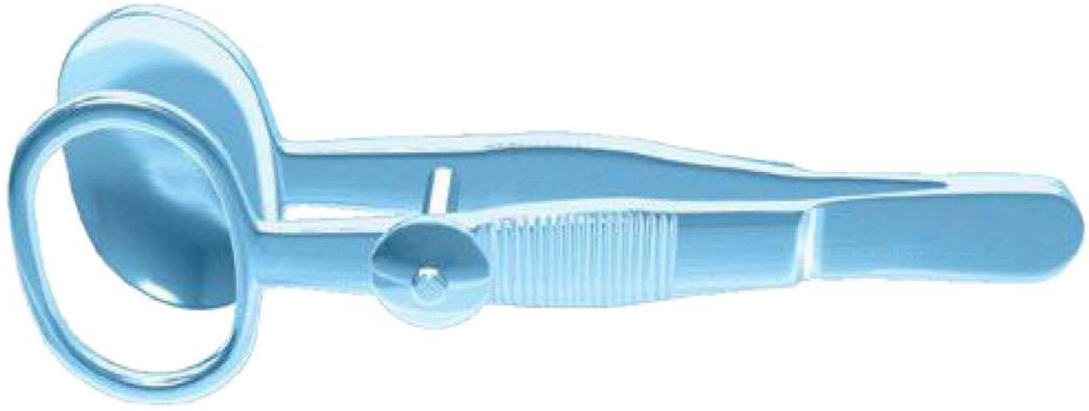
5-061

LACRIMAL INSTRUMENTS

Lid And Chalazion Forceps

Desmarres

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



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

Lambert

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

MI-1908T
small (8 mm ID of the upper plate)

MI-1909T
medium (12 mm ID of the upper plate (shown))

Chalazion Curettes

Meyerhoefer

Chalazion Curette

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

LACRIMAL INSTRUMENTS

Lid Retractors, Plates, Clamps.

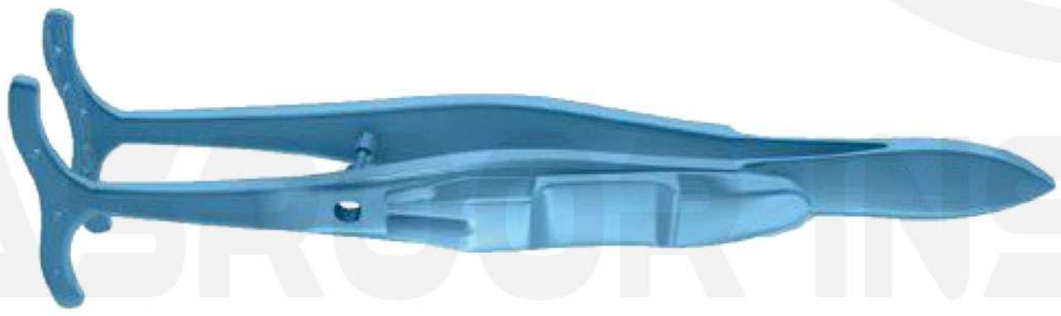
Desmarres

Lid Retractor
- Round serrated handle
  Overall length 130 mm

MI-020 - size 0 11.0 mm
MI-021 - size 1 13.0 mm (shown)
MI-022 - size 2 15.0 mm
MI-023 - size 3 17.0 mm

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

MI-50S (shown)
MI-50T



Putterman

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

MI-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

MI-1913T

LACRIMAL INSTRUMENTS

Lacrimal Sac Retractors

Stevenson

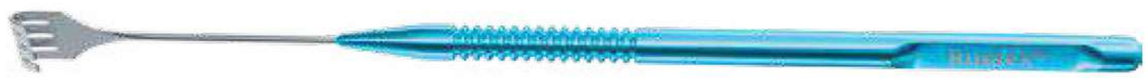
Lacrimal Sac Retractor
- Curved 2 mm x 3 mm teeth
- Blades separated 25 mm
- Screw opening
  Overall length 83 mm

MI-013

Knapp

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

MI-014



Nasal Speculums

Nasal Speculum

- Polished finish
  Stainless steel

MI-127 Adult Size

Mallets

Surgical Mallet

- Polished finish
  Stainless steel

MI-135

Rongeurs

Kerrison

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

MI-136 size 0

Belz

Lacrimal Sac Rongeur
- Polished finish
  Stainless steel

MI-138

LACRIMAL INSTRUMENTS

Lacrimal Probes

Bowman

Lacrimal Probe
Overall length 133 mm

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

Quickert

Lacrimal Intubation Probe
Overall length 140 mm

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

Pigtail

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

MI-031

Lacrimal Dilators

Wilder

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

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

Castroviejo

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

MI-060T - size 1 & 2

RUST RING REMOVAL/PTERYGIUM INSTRUMENTS

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

MI-140 with 1.0 mm tungsten burr
MI-141 with 0,5 mm tungsten burr

Tungsten Burrs

Replacement Burrs for Alger Brush
- Box of 5
  Overall length 22 mm
  Tungsten

MI-142B 1.0mm burrs
MI-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

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

MI-051-2.5B - round 2.5 mm diameter
MI-051-3.5B - round 3.5 mm diameter
MI-052-5.0B - disk shaped 5.0 mm diameter

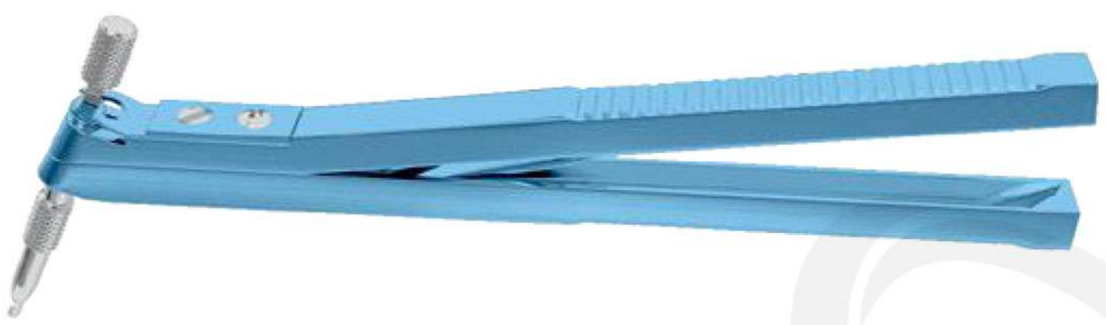
GLAUCOMA INSTRUMENTS

Glaucoma Instruments

Harms

Trabeculotome
– 9 mm long pointed tips with 3 mm spread
Overall length 46 mm

MI-012S left (shown)
MI-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

MI-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

MI-011

Micro

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

MI-0111*

* Handles are sold separately!

CORNEAL TRANSPLANTATION I DALK / DLEK

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

MI-171

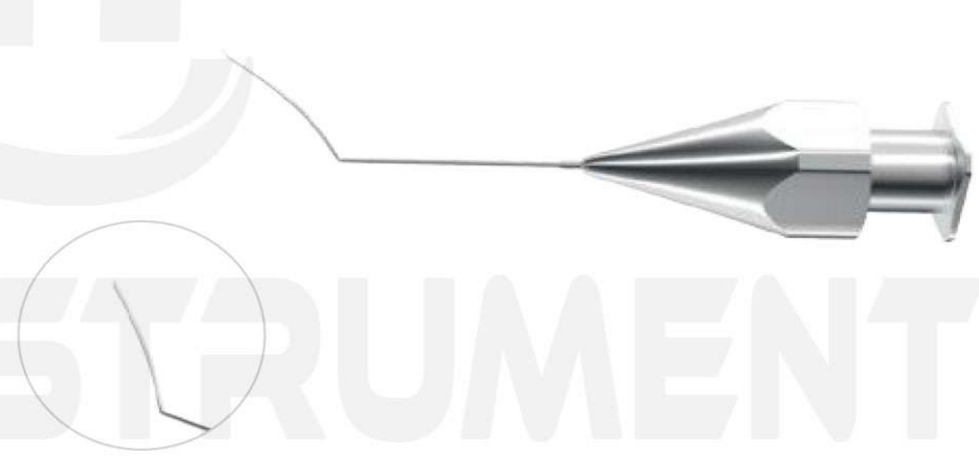
Dissector for DALK Procedure

- 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

MI-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

MI-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

MI-036S medium curve
MI-0361S strong curve

MI -036S

MI 0361S

Manipulator for DLEK procedure

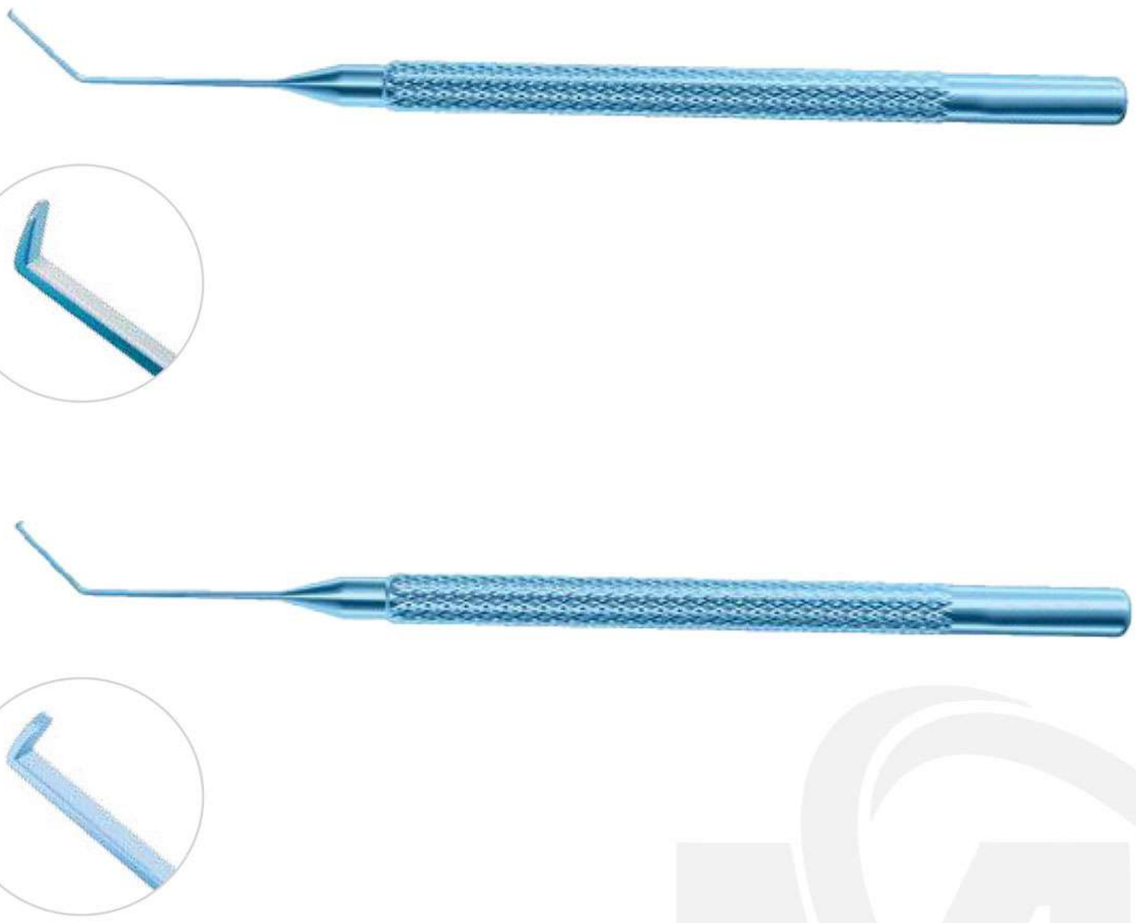
- Designed to tuck the edges of the donor lamella
- 0.15 mm diameter tip
- Round handle
- Z-hook with Blunt Tip

Overall Length 120 mm

MI-160

CORNEAL TRANSPLANTATION I DSEK, DSAEK, DMEK / DALK

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

MI-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

MI-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

MI-038S right (shown)
MI-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 Descement's membrane at the periphery
- Blunt bottom surface is safe for Descemet's membrane
- Overall length 124 mm

MI-170

CORNEAL TRANSPLANTATION I DSEK, DSAEK, DMEK

DSEK, DSAEK, DMEK Instruments

Corneal Dissector

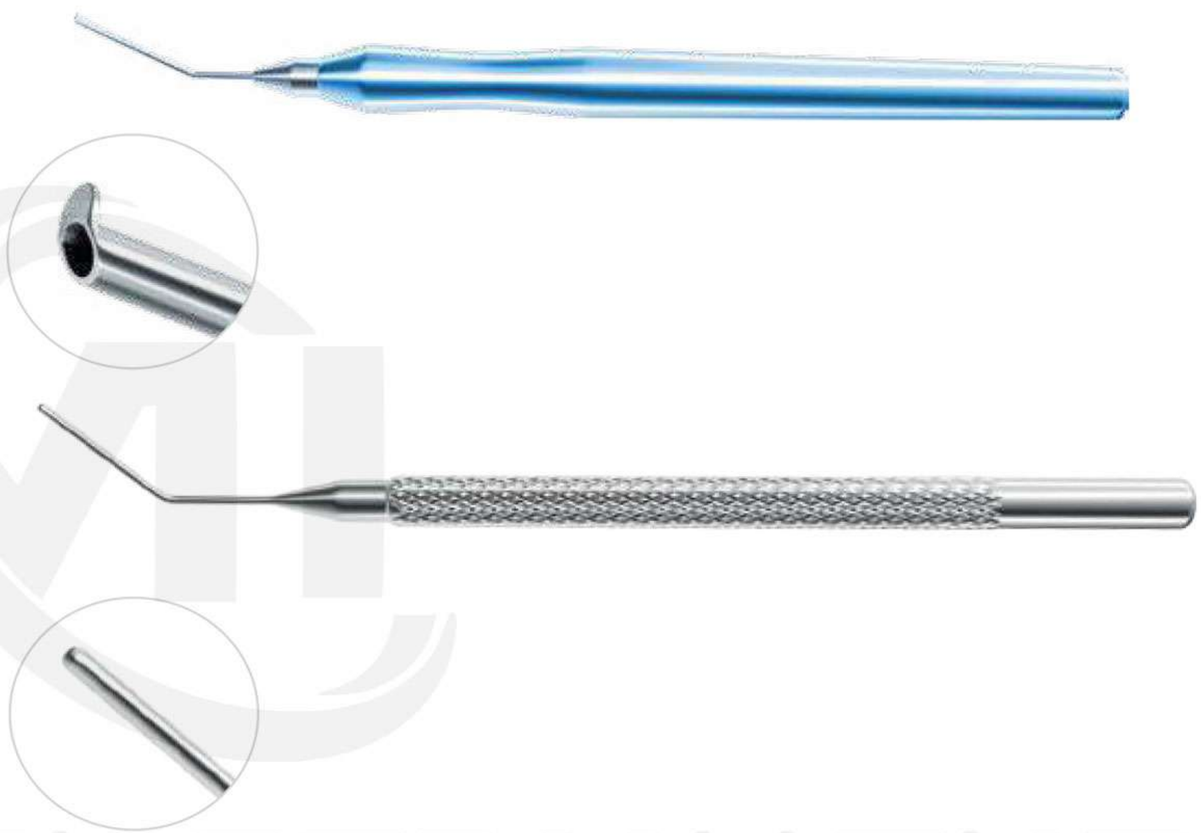
– For inrtastromal dissection
Overall length 125/127 mm

MI-137 Straight
MI-138 Curved

Endothelial Stripper

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

MI-139/I



Cindy

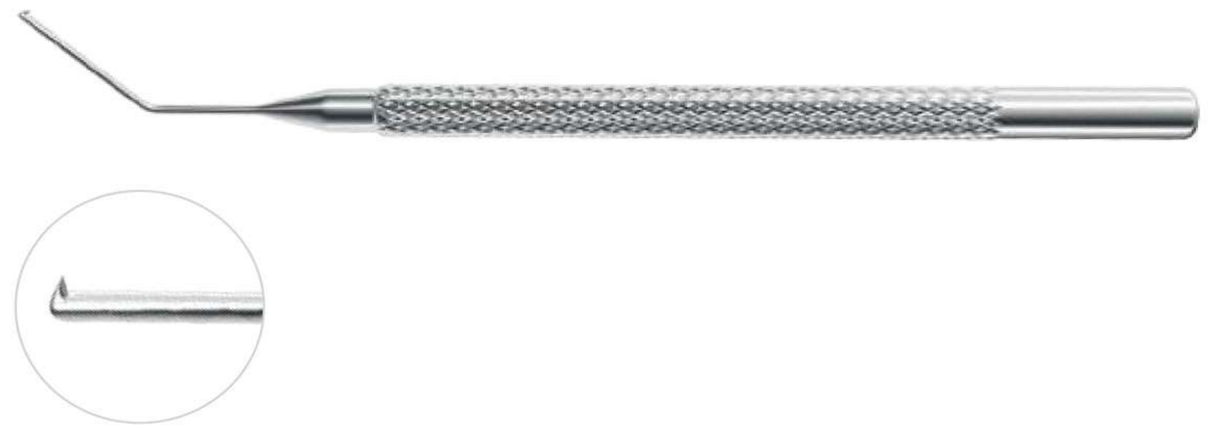
Sweeper DSEK Spatula
– 0.7 mm diameter
– 12 mm from bend to tip
– Angled shaft
Overall Length 114 mm
Stainless steel

MI-151S

Carlson

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

MI-152S



Terry

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

MI-153S

CORNEAL TRANSPLANTATION I TREPHINE BLADES / DSEK, DSAEK, DMEK

Corneal Trephine Blades

Corneal Trephine Blades

Corneal Trephine Blades
Stainless Steel

MI-0300 6.0 mm
MI-0301 6.5 mm
MI-0303 7.0 mm
MI-0305 7.5 mm
MI-0306 7.75 mm
MI-0307 8.0 mm
MI-0308 8.25 mm
MI-0309 8.5 mm
MI-0310 9.0 mm
MI-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
  Overal Length 125 mm
  Titanium

MI-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)

MI-034*

Spatula-Guide

- For corneal endothelium implantation
  Overall length 122 mm

MI-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

MI-0322

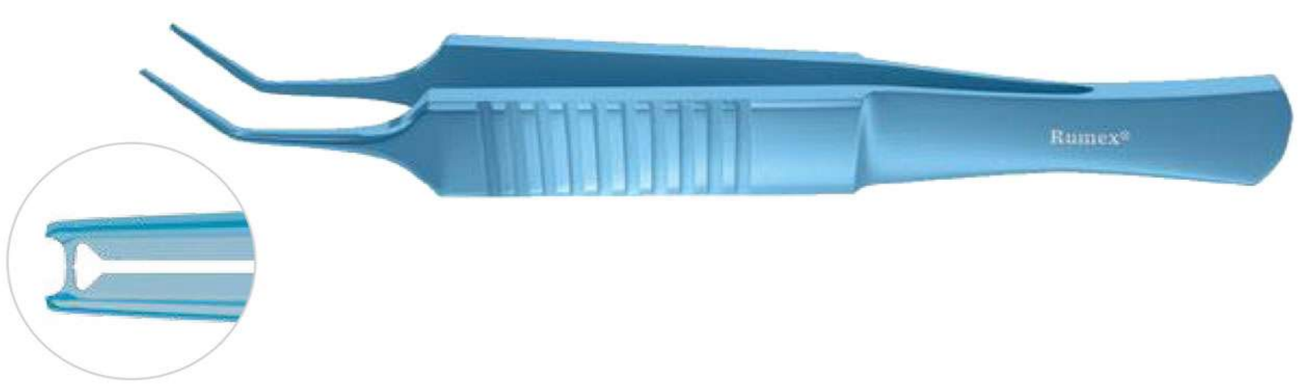
* Handles are sold separately!

REFRACTIVE INSTRUMENTS I ICSR

Forceps for ICRS Implantation

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

MI-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

MI-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

MI-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

MI-147

Tunnel Maker

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

MI-173S Left
MI-174S Right

Pallikaris

ICL™ Manipulator

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

MI-141

Zaldivar

ICL™ Manipulator

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

MI-142

ICL™ — registered trademark of STAAR®

ICSR (Intrastromal Corneal Ring Segments) Implantation Instruments

Optical Zone Marker

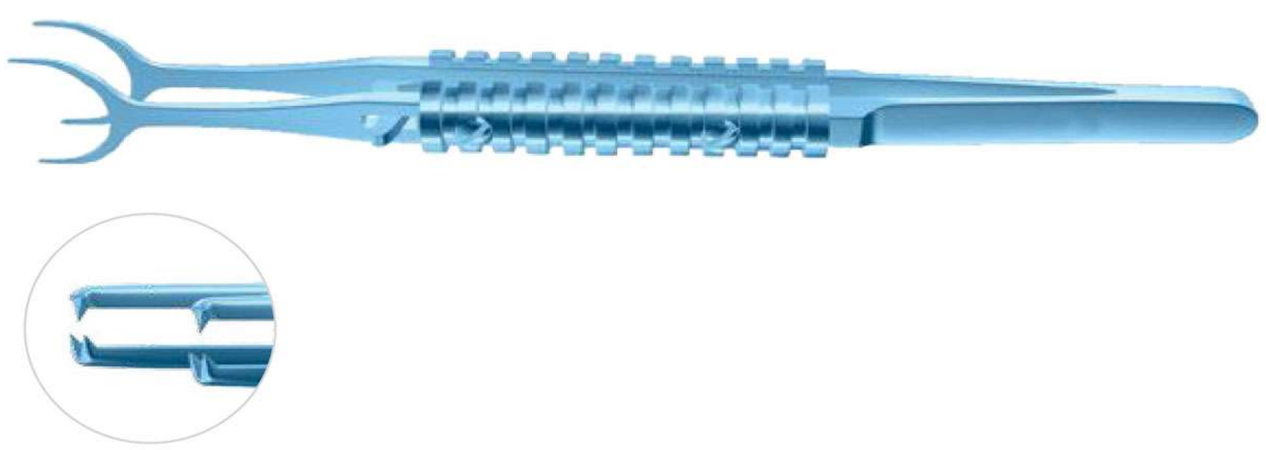
Used to mark visual center for ICSR implantation procedure
– Double ended
– Visual center marker 0.15mm width
– Sinskey hook 0.5mm width
Titanium Handle/Stainless Steel Tips

MI-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

MI-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

MI-08011T

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

MI-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

MI-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

Ttitanium or stainless steel

MI-20111T
MI-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

MI-21431* 20 Ga

* Handles are sold separately!

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

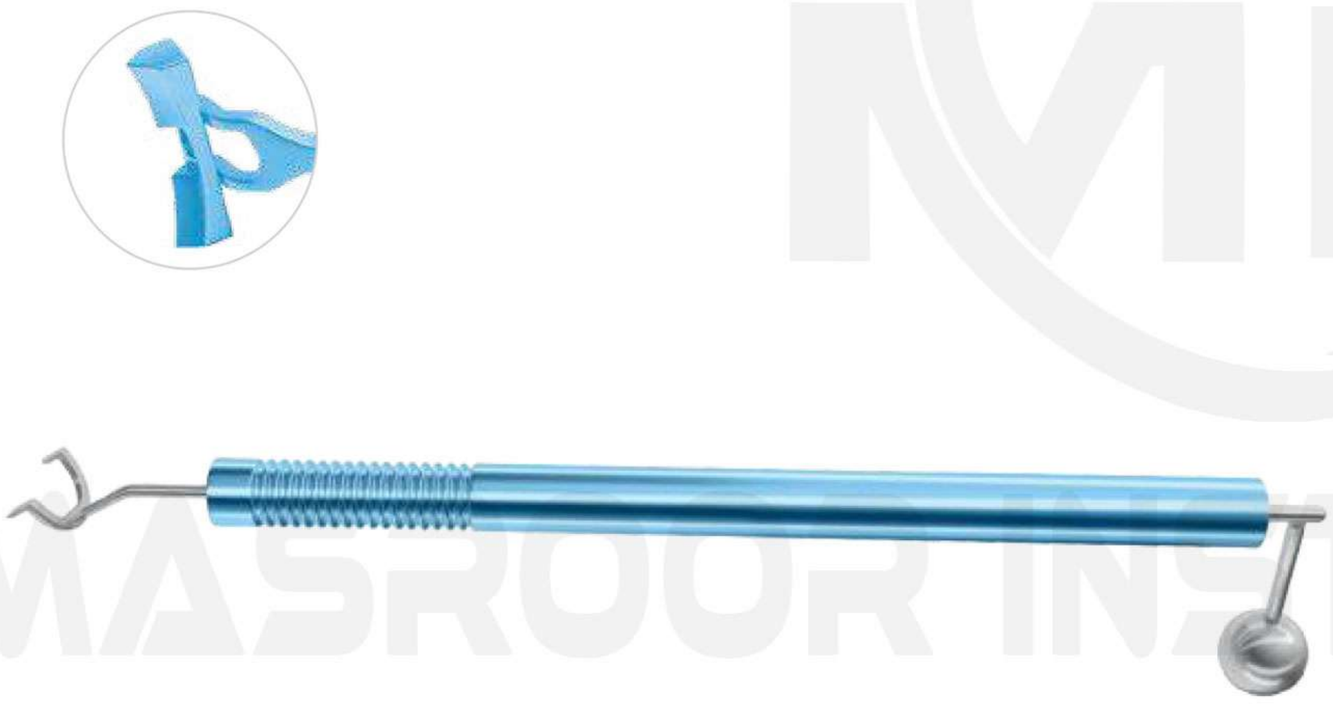
MI-034T

Bores

New

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

MI-091T

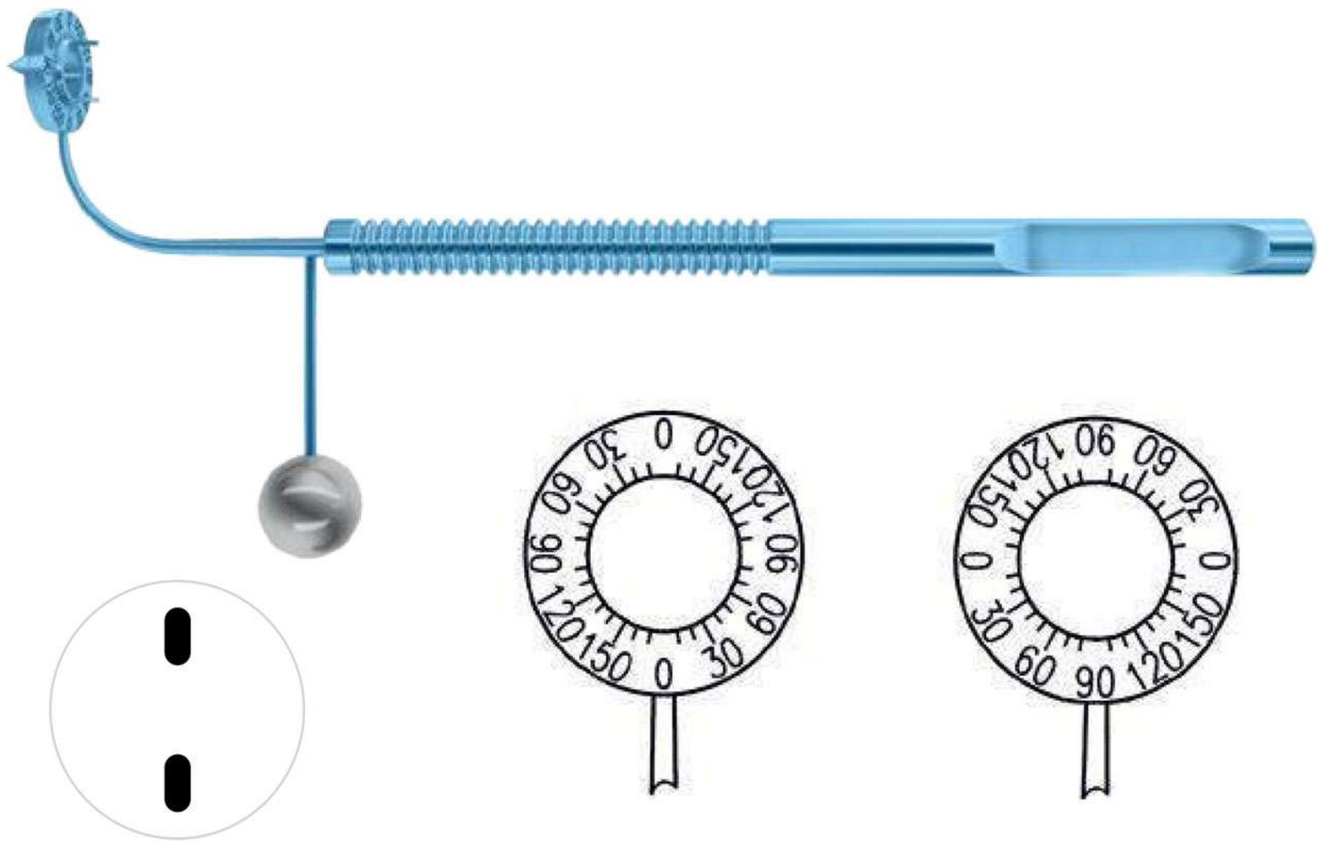


Whitehouse

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

MI-193	Angled shaft
MI-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 alignmen.
- Reduces cyclotorsion effect in supine position
- Overall length 125 mm

MI-194	Vertical axis
MI-1941	Horizontal axis

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

MI-0331T

Bores

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

- Intra-Op
  Overall length 130 mm
  Titanium

MI-090T

LRI Marker

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

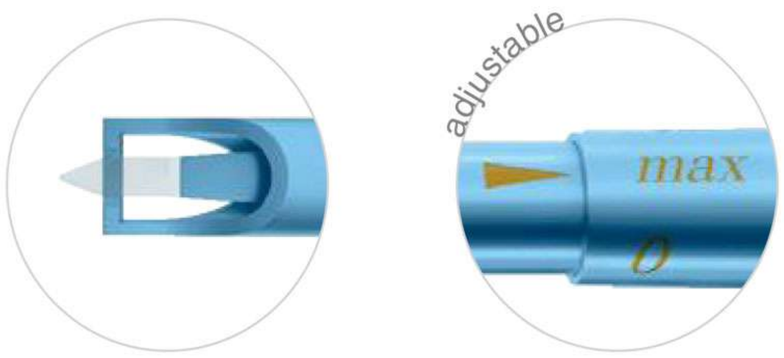
MI-1801

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

MI-322/6-0531



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

MI-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

MI-202

Zaldivar

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

MI-203

Accessories

Marking Pen

Double-ended

Disposable, 10 pcs per box

MI-050

LASEK Instruments

LASEK Trephine

For epithelial flap creation

Depth of the incision 70 mkm
Overall length 120 mm

MI-1011 8.0mm
MI-1021 9.0mm

LASEK Funnel

For the application of the alcohol solution

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

MI-1031T 8.5mm
MI-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

MI-121 8.0 & 8.5 mm
MI-122 9.0 & 9.5 mm

LASEK Detaching Spatula

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

MI-130

LASEK Epithelial Micro Hoe

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

MI-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

MI-0011

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

REFRACTIVE INSTRUMENTS I PRK / LASIK

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

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

Banaji

LASIK Irrigation Cannula

4 Ports 0.25 mm on periphery
Curved

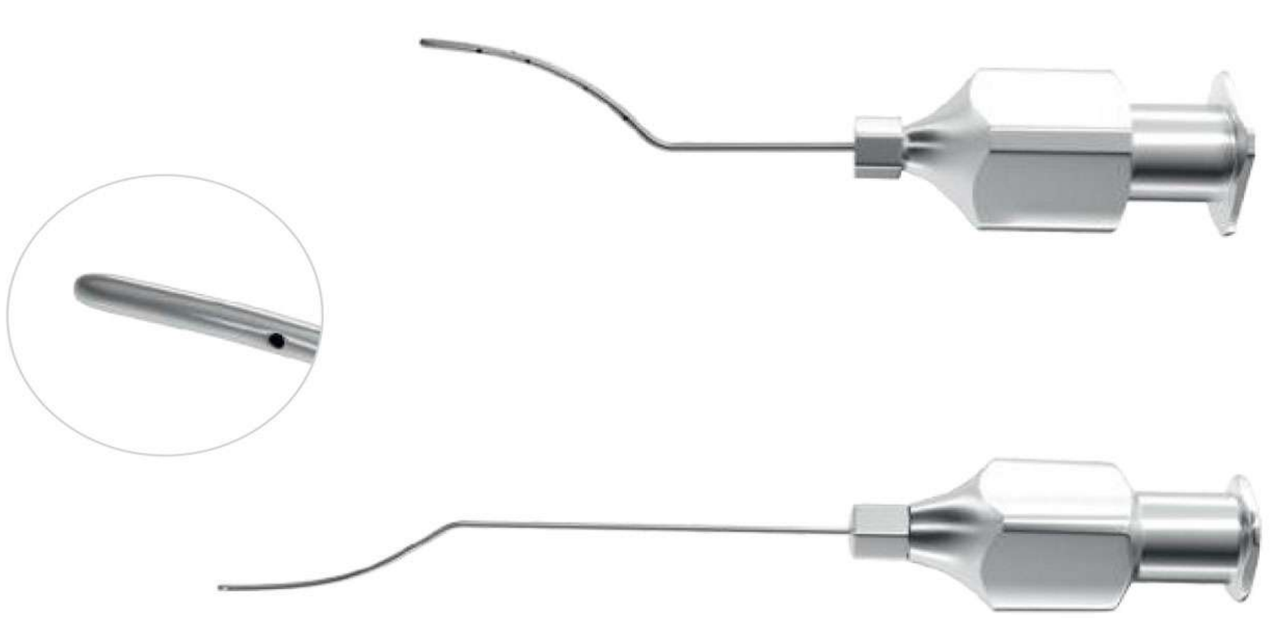
MI-373-25	25Ga
MI-373-27	27Ga

Slade

LASIK Cannula

Flattened spatulated tip, end opening

MI-376	26Ga



Gimbel

LASIK Fountain Cannula

Single port

MI-378R	25Ga x 25.4mm, Right
MI-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

MI-379-25	25Ga

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

REFRACTIVE INSTRUMENTS I PRK / LASIK

LASIK Spatulas

Paton

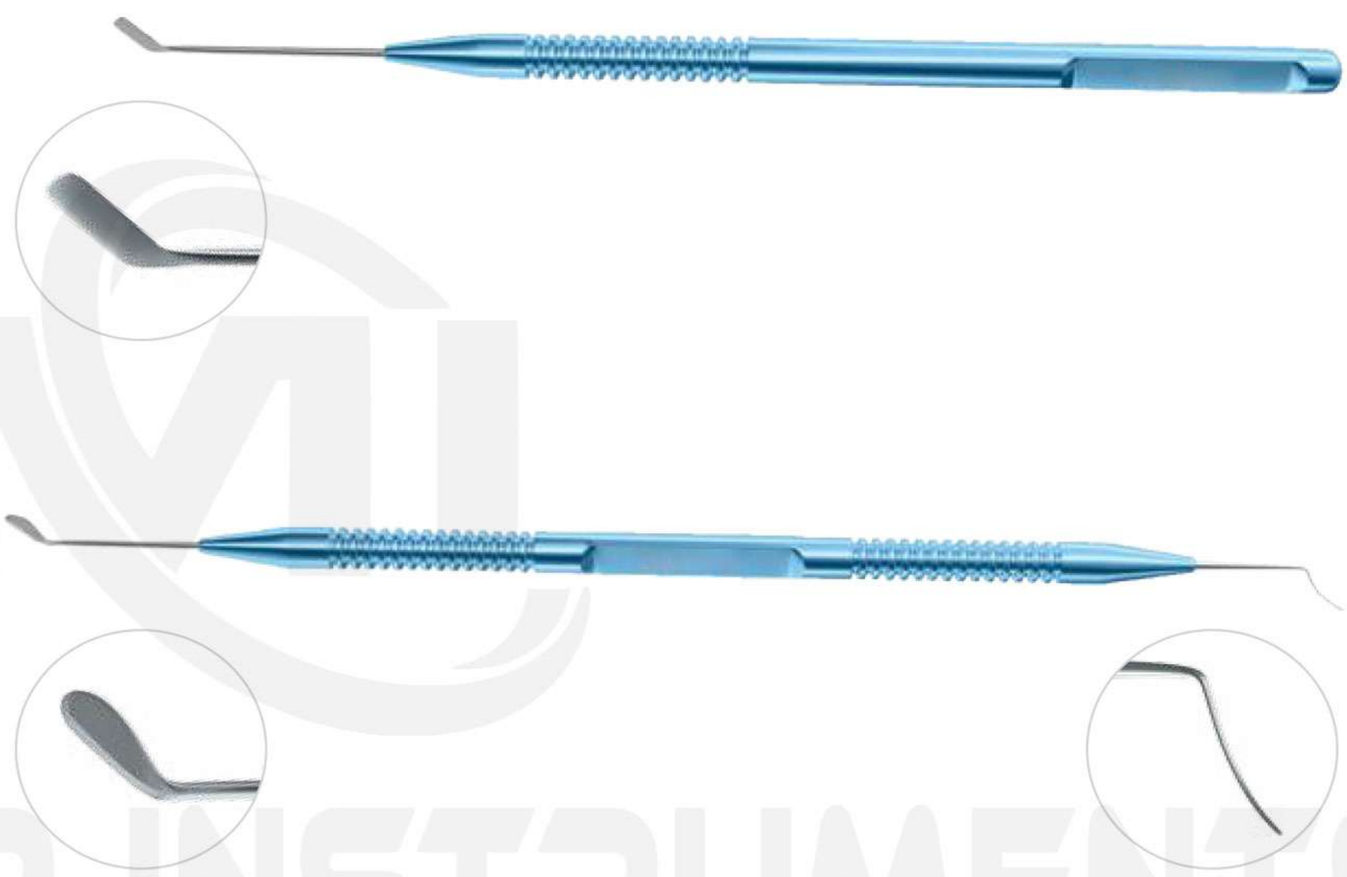
Doble Ended Spatula and Spoon
– Spatula for manipulations with the cornea (LASIK/PRK/Corneal Transplantation)

MI-110

Hockey Knife

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

MI-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

MI-002

LASIK

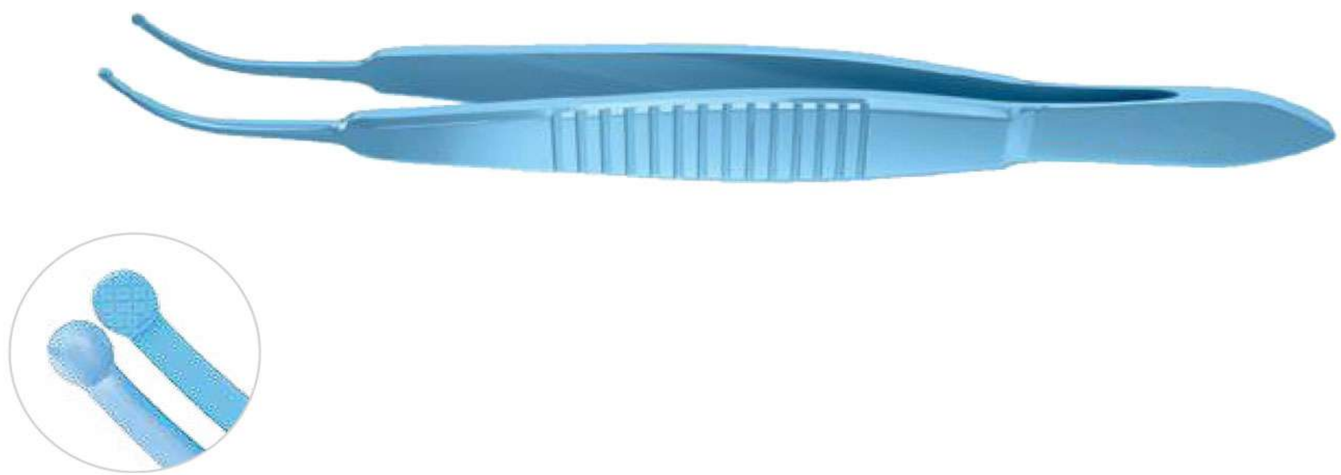
Spatula And Flap Retreatment Instrument
– Double ended
Overall length 145 mm

MI-013

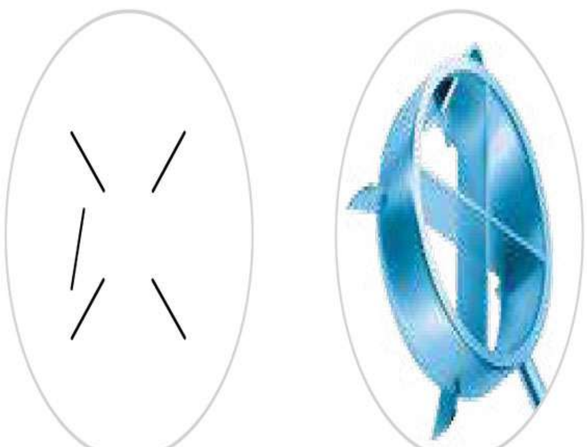
LASIK Flap Forceps

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

MI-2206T



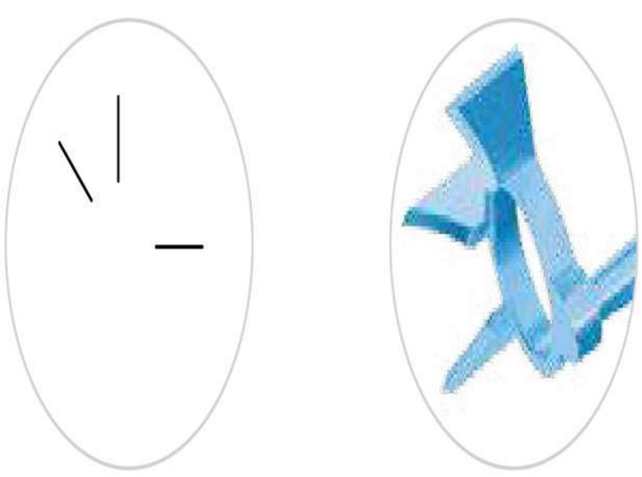
LASIK Markers



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

MI-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

MI-176T

PRK/LASIK Speculums

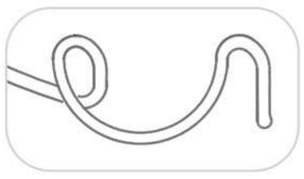
Specially designed to accommodate microkeratome suction ring

Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Round branches

Titanium
Overall length 71 mm

MI-040TL adult



Lieberman Style for LASIK

- Temporal
- Rounded open blades
- Flat branches

Titanium
Overall length 76 mm

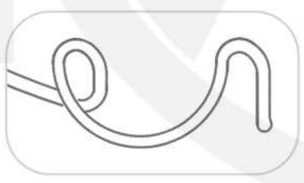
MI-0401TL adult

Lieberman Style for LASIK

- Nasal
- Rounded open blades
- Flat branches

Titanium
Overall length 70 mm

MI-0411TL adult



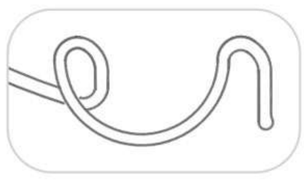
PRK/LASIK Speculums with Aspiration

Lieberman Style for LASIK

Most Popular

- Rounded open blades

MI-080LA temporal
MI-081LA nasal



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

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

MI-253

IOL Injectors / IOL Inserters

IOL Injector for cartridges

Most Popular

Plunger mechanism with reverse inner spring for easy and eficient one-handed technique implantation
- Specially designed handle enables firm grip and precise control
- With ring
- For A, B, C catridges

Can be supplied with 4-2141 IOL Loading Forceps

MI-2806 For A,B,C catridges
MI-2808 For D catridge

IOL Injector for D cartridge

Plunger mechanism with reverse inner spring for easy and eficient one-handed technique implantation
- Specially designed handle enables firm grip and precise control
- Without ring
- For D catridge

Can be supplied with 4-2141 IOL Loading Forceps

MI-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

MI-2141T

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

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

MI-082 21 Ga Most Popular
- 1x0.35 mm top port
- Smooth faced tip

MI-0821 22 Ga Most Popular
- 1x0.35 mm top port
- Capsule polisher tip

MI-0821-23 23 Ga
- 1x0.35 mm top port
- Capsule polisher tip

MI-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

MASROOR INSTRUMENTS

CATARACT INSTRUMENTS I IRRIGATION/ASPIRATION

Irrigation / Aspiration Handpieces

Irrigation / Aspiration Handpiece for Coaxial Phaco

- Round handle
- Standard connectors
  Overall length 110 mm
  Titanium

MI-080/IAH

Tips for Irrigation / Aspiration Handpiece

Stainless steel

Thornton 20° angled
MI-080/20

Binkhorst
MI-080/BC

Simcoe
MI-080/SIM

45° angled
MI-080/45

90 angled
MI-080/90

Straight
MI-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

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

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

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

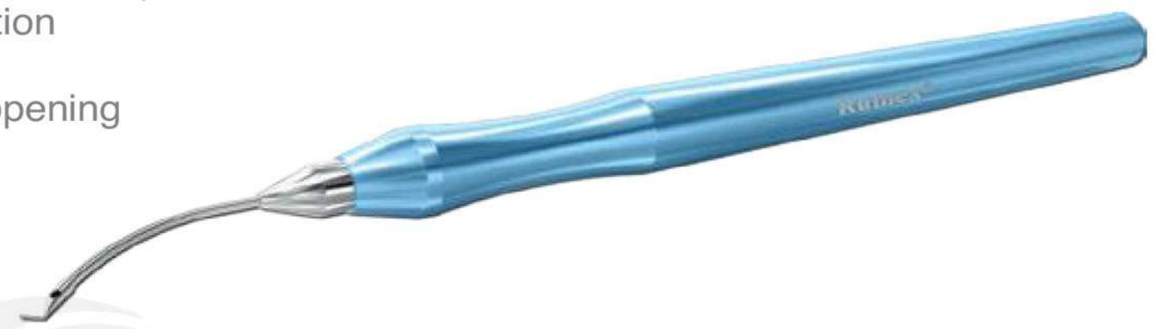
Product images, including color, may slightly differ from actual product appearance due to the 3d effect applied

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

MI-0634/I

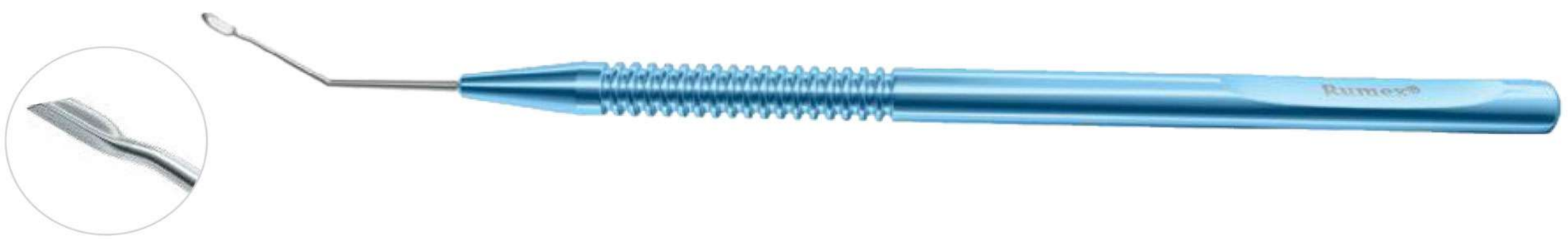


Capsule polishing is an important step of phacoemulsification. Polishing the anterior capsule, removing posterior capsular plaque and other residual cortical debris help to achieve and maintain capsular clarity. At the same time the procedure of polishing must be performed with a safe and delicate instrument.

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.

MI-142



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

MI -170

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

CATARACT INSTRUMENTS I CHOPPERS / CAPSULE POLISHERS

Choppers

Quick Chopper With Rounded Edge

Overall length 120 mm

MI-128 RHD
MI-1281 LHD

Seibel Chopper

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

MI-130 RHD

Seibel Chopper & Quick Chopper

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

MI-1361 RHD

Axe Quick Chopper

Overall length 120mm

MI-135

Capsule polishers

Anterior / Posterior

Capsule Polisher
– 135 degree angled shaft
Overall Length 130 mm

MI-101

MASROOR INSTRUMENTS

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

CATARACT INSTRUMENTS I CHOPPERS

Choppers

Micro Finger

Chopper
Overall length 120 mm

MI-097

He

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

MI-1061 RHD
MI-1071 LHD

Phaconit

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

MI-125 - 0.75 mm tip
MI-1251 - 0.5 mm tip

Triple Edge Phaco Chopper with Polisher Tip

Overall length 117 mm

MI-126 Titanium handle shown
MI-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

MI-127 RHD, Titanium handle (shown)
MI-127S RHD, Stainless steel
MI-1271 LHD, Titanium handle
MI-1271S LHD, Stainless steel

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

CATARACT INSTRUMENTS I CHOPPERS

Choppers

Nucleus Claw Chopper

Overall length 120 mm

MI-072

Intraocular Manipulator With Ball Tip

– 0.5 mm diameter ball tip
Overall length 123 mm

MI-074 Straight
MI-075 Angled (shown)

Small Pupil Snapper Hook & Phaco Chopper

Overall length 121 mm

MI-077

Phaco Spatula

Small Pupil Snapper Hook & Micro Finger
Overall length 142 mm

MI-079

Drysdale

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

MI-093 Regular Tip
MI-0931 Capsule Polisher Tip

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

Choppers

Nagahara

Most Popular

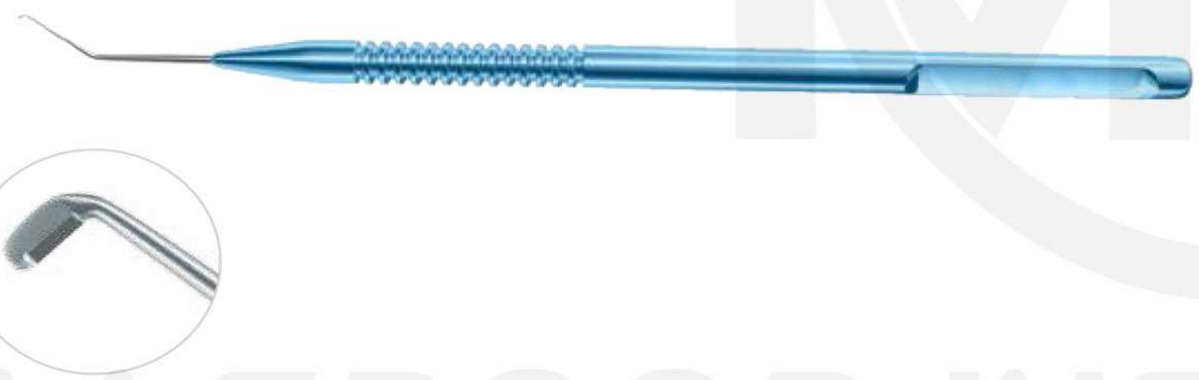
Phaco Chopper
Overall length 120 mm

MI-063 RHD (shown)
MI-064 LHD

Nagahara Phaco Chopper and Drysdale Nucleus Manipulator

Overall length 133 mm

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



Rosen

Most Popular

Phaco Chopper Universal
Overall length 120 mm

MI-065

Rosen

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

MI-066 RHD (shown)
MI-067 LHD

Phaco Cleaver

Overall length 120 mm

MI-068 RHD
MI-069 LHD

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

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

MI-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

MI-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

MI-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

MI-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

MI-1165S

Product images, including color, may slightly differ from actual product appearance due to t

CATARACT INSTRUMENTS I LENS LOOPS / NUCLEUS CRACKERS / FORCEPS

Lens loops

Wilder

Lens Loop
- 4 mm width
  Overall length 134 mm

MI-072

Nucleus Crackers / Forceps

Ernest

Nucleus Cracker
- Cross action
  Overall length 106 mm
  Titanium

MI-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

MI-0201T

MASROOR INSTRUMENTS

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

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

MI-204

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

MISCELLANEOUS I SCLERAL DEPRESSORS / BODY SPUDS

Scleral Depressors

Schocket

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

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

Flynn

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

MI-115

Foreign body spuds

Davis

Foreign Body Spud
– Round serrated handle
Overall length 130 mm

MI-153

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

MISCELLANEOUS

Fixation Rings

Fine-Thornton Most Popular

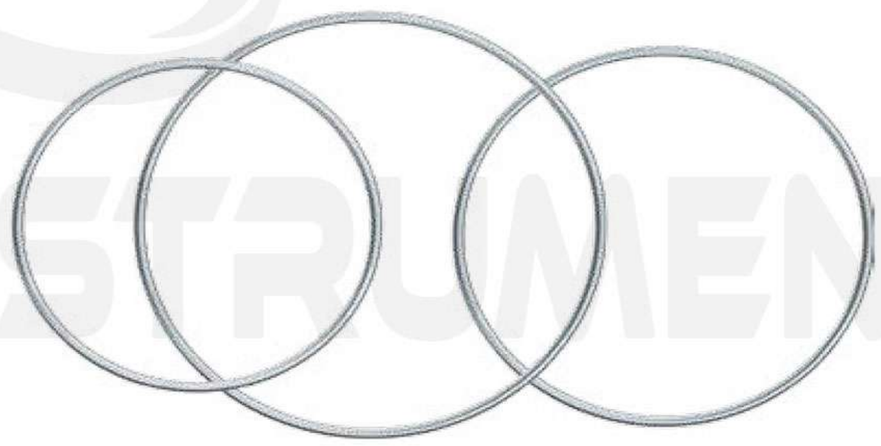
Phaco Fixation Ring
– 3/4 open ring with swivel
Overall length 90 mm
Titanium

MI-036T 13 mm diameter ring with teeth
MI-0341T 14 mm diameter ring with teeth (shown)

Flieringa Rings

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

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



RETRACTORS I LACRIMAL / LID & ORBITAL

Lacrimal Sac Retractors

Stevenson

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

Overall length 83 mm

MI-013

Knapp

Lacrimal Sac Retractor

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

Overall length 140 mm

MI-014

Lid & Orbital Retractors

Desmarres

Lid Retractor

- Round serrated handle

Overall length 130 mm

MI-020 - size 0 11.0 mm
MI-021 - size 1 13.0 mm (shown)
MI-022 - size 2 15.0 mm
MI-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

MI-034T

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

IRIS DILATORS

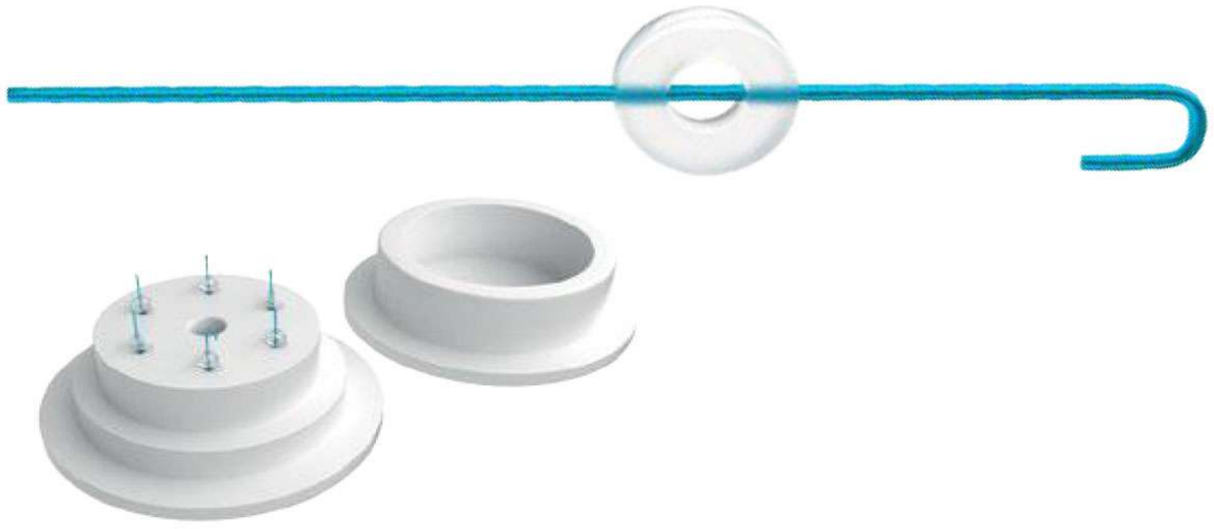
Iris Dilators

Iris Retractor

Reusable

1 pack of 6 pcs - 6 retractors in teflon container

MI-5127



Iris Retractor Most Popular

Disposable

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

Beehler Most Popular

Pupil Dilator
- 17 Gauge
- Curved shaft
- Four prongs

Overall length 130 mm
Titanium

MI-083

Beehler

Pupil Dilator With Plunger
- 17 Gauge
- Curved shaft
- Four prongs

Overall length 130 mm
Titanium

MI-091

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

PROBES / DILATORS

Probes and Dilators

Bowman

Lacrimal Probe
Overall length 133 mm

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

Quickert

Lacrimal Intubation Probe
Overall length 140 mm

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

Pigtail

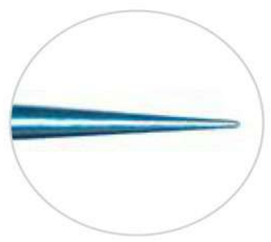
Lacrimal Probe
– 8 mm pigtail curved probes with holes
– Round serrated handle
– Polished tip
– Overall length 145 mm

MI-031

Wilder

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

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



Castroviejo

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

MI-060T - size 1 & 2

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

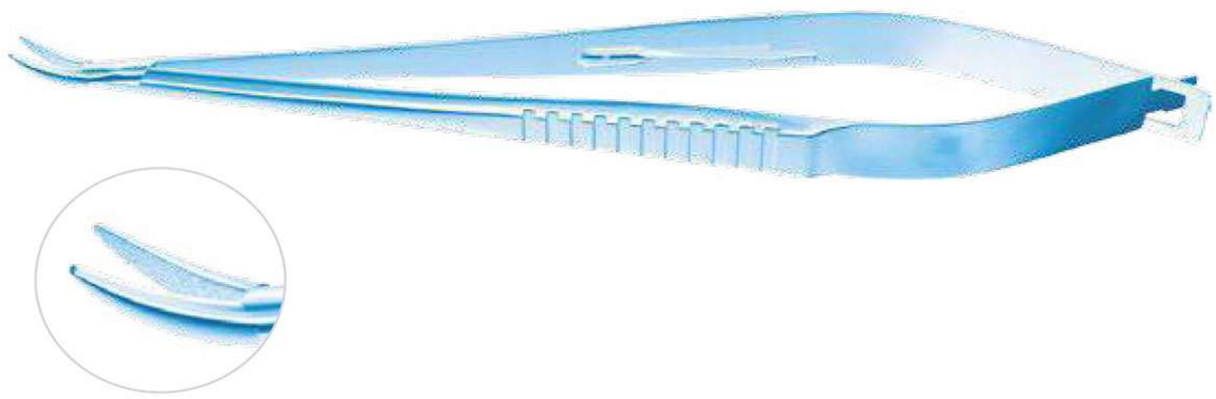
NEEDLE HOLDERS

Castroviejo Needle Holders

Castroviejo

Needle Holder
- Curved
- Standart jaws
- Gripping surface 11 mm
  Overall length 140 mm
  Titanium

MI-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

MI-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

MI-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

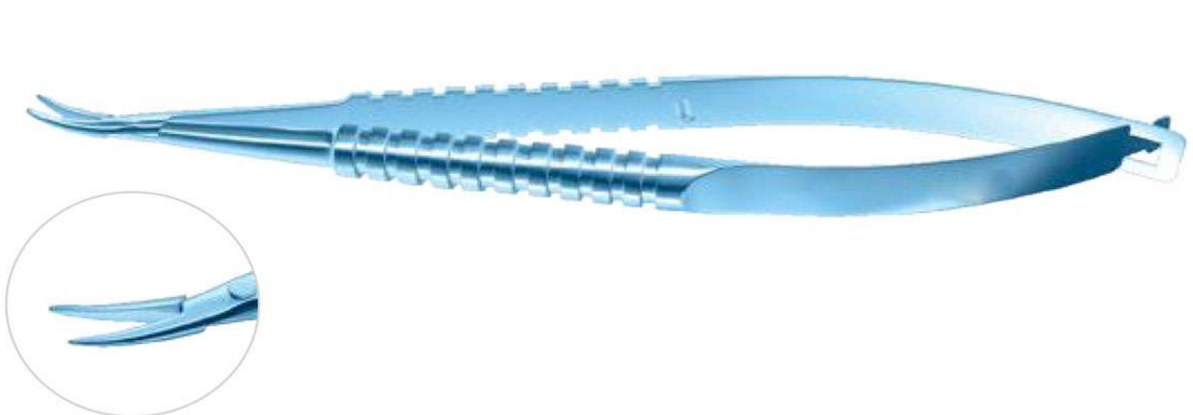
* Handles are sold separately!

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

NEEDLE HOLDERS

Barraquer Needle Holders, Long Size

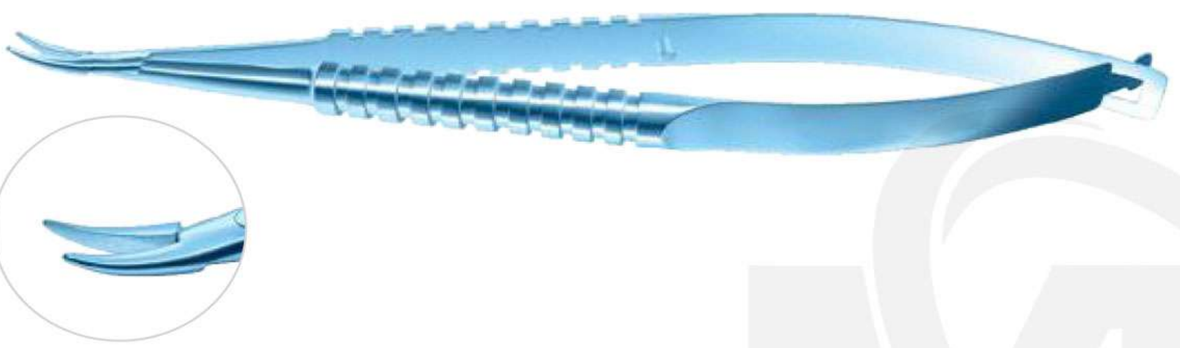
Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle



Barraquer — Most Popular

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

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



Barraquer — Most Popular

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

MI-090T with lock
MI-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

MI-080T

Castroviejo Needle Holders

Castroviejo

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

MI-0921T with lock

Castroviejo

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

MI-096T w/out lock

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

Barraquer Needle Holders, Medium Size

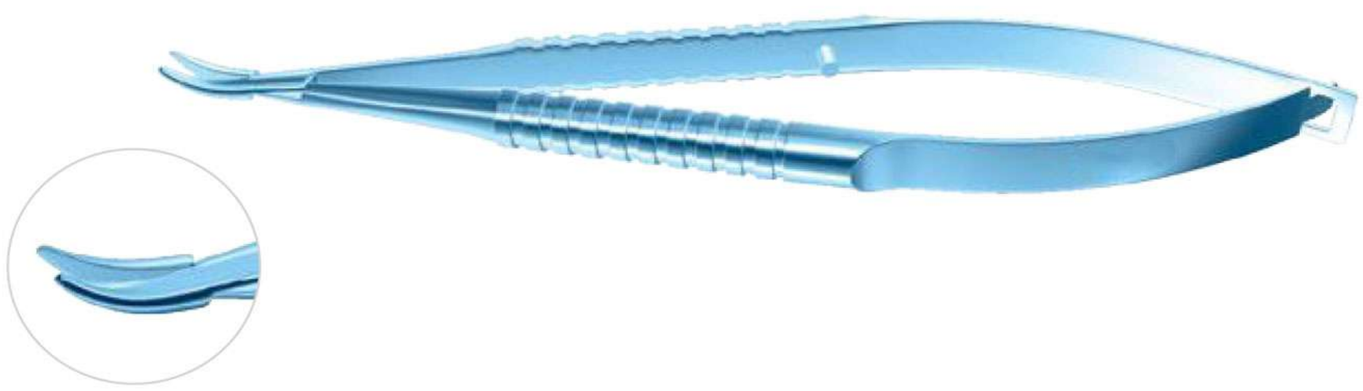
Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle

Barraquer

Most Popular

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

MI-030T with lock
MI-031T w/out lock (shown)

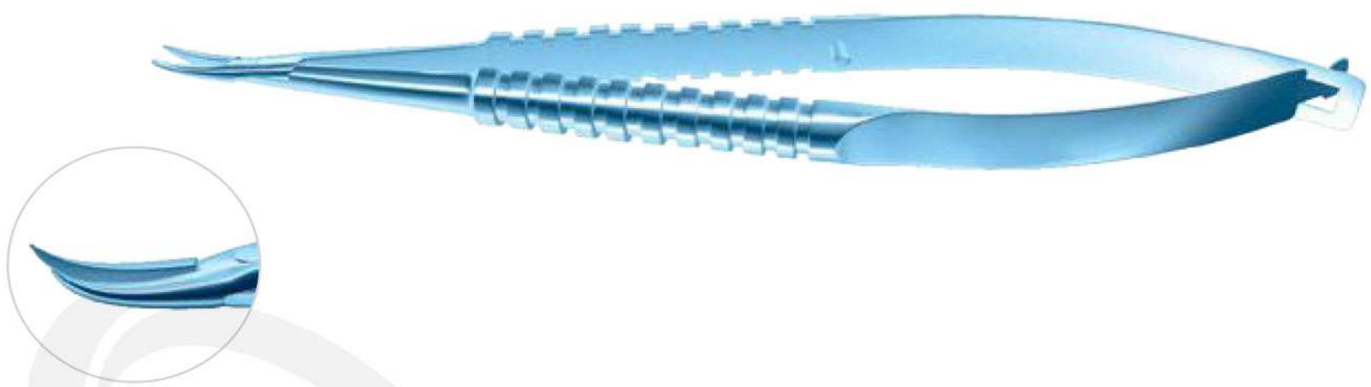


Barraquer

Most Popular

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

MI-040T with lock
MI-041T w/out lock (shown)



Barraquer

Most Popular

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

-045T w/out lock

Barraquer Needle Holders, Long Size

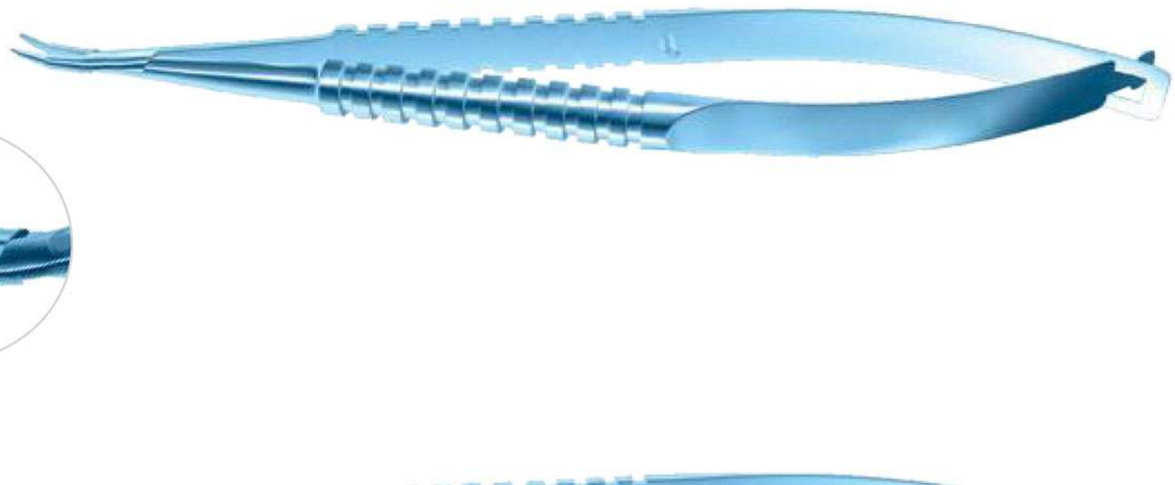
Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle

Barraquer

Most Popular

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

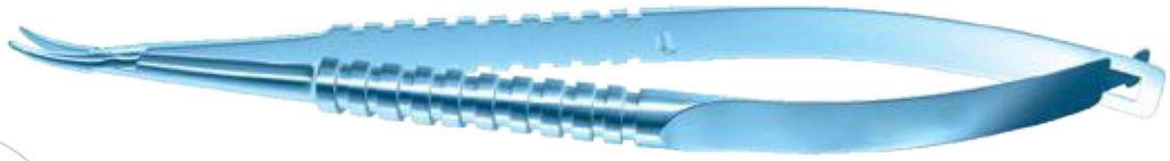
MI-050T with lock
MI-051T w/out lock (shown)



Barraquer

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

MI-060T with lock
MI-061T w/out lock (shown)



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

NEEDLE HOLDERS

Barraquer Needle Holders, Small Size

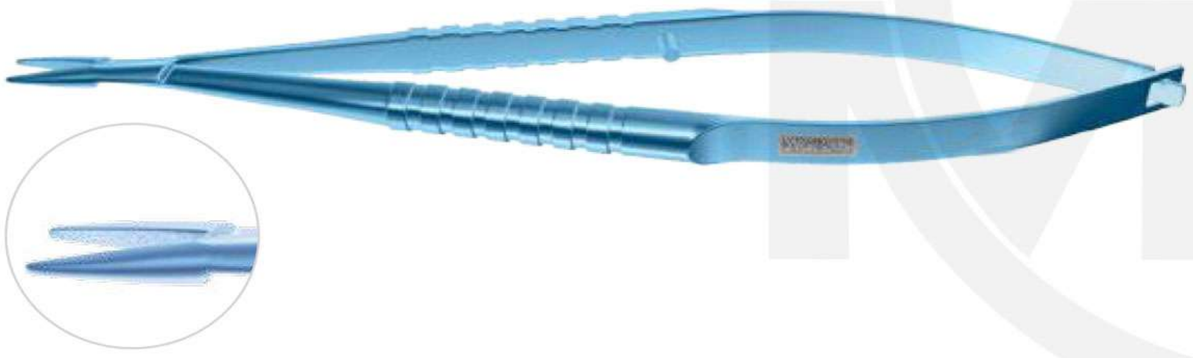
Titanium Needle Holders with tungsten carbide covered tips for better gripping and with ergonomic round serrated handle

Barraquer

Most Popular

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

MI-010T with lock
MI-011T w/out lock (shown)



Barraquer

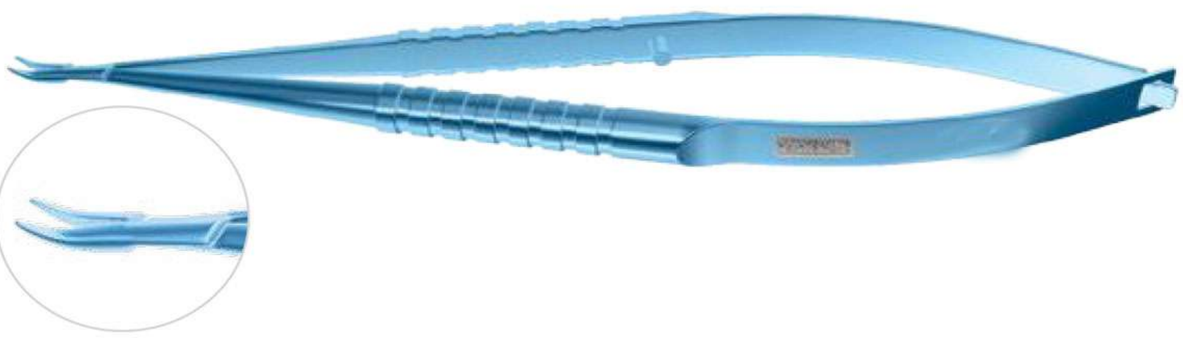
Needle Holder
- Straight
- Standard jaws, 12 mm
  Overall length 100 mm
  Titanium

MI-013T w/out lock

Barraquer

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

MI-020T with lock
MI-021T w/out lock (shown)



Barraquer

Most Popular

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

MI-024T with lock
MI-025T w/out lock (shown)

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

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

MI-141

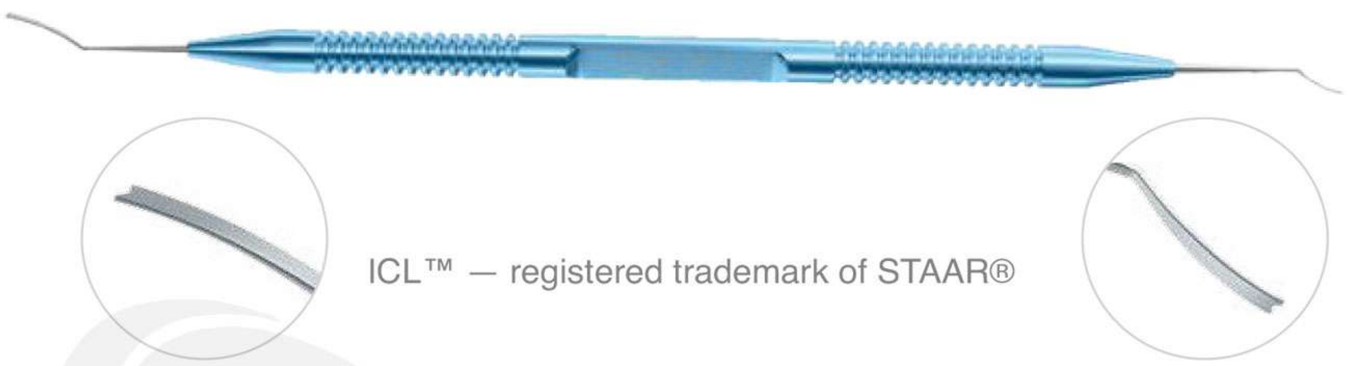
ICL™ — registered trademark of STAAR®

Zaldivar

ICL™ Manipulator

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

MI-142



ICL™ — registered trademark of STAAR®

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 heigh, 0.2 mm width, 0.7 mm length
Overall length 123 mm

MI-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

MI-146

Bicalto Guide

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

– Blunt tip
– Tip dimensions: 0.3 m heigh, 0.1 mm width, 5 mm length
Overall length 121 mm

MI-147

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

SPATULAS I LASEK / FEMTOLASIK

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

MI-130

LASEK

Epithelial Micro Hoe
– Can be used to detach and lift edge of the epithelium flap
Overall length 130 mm

MI-131

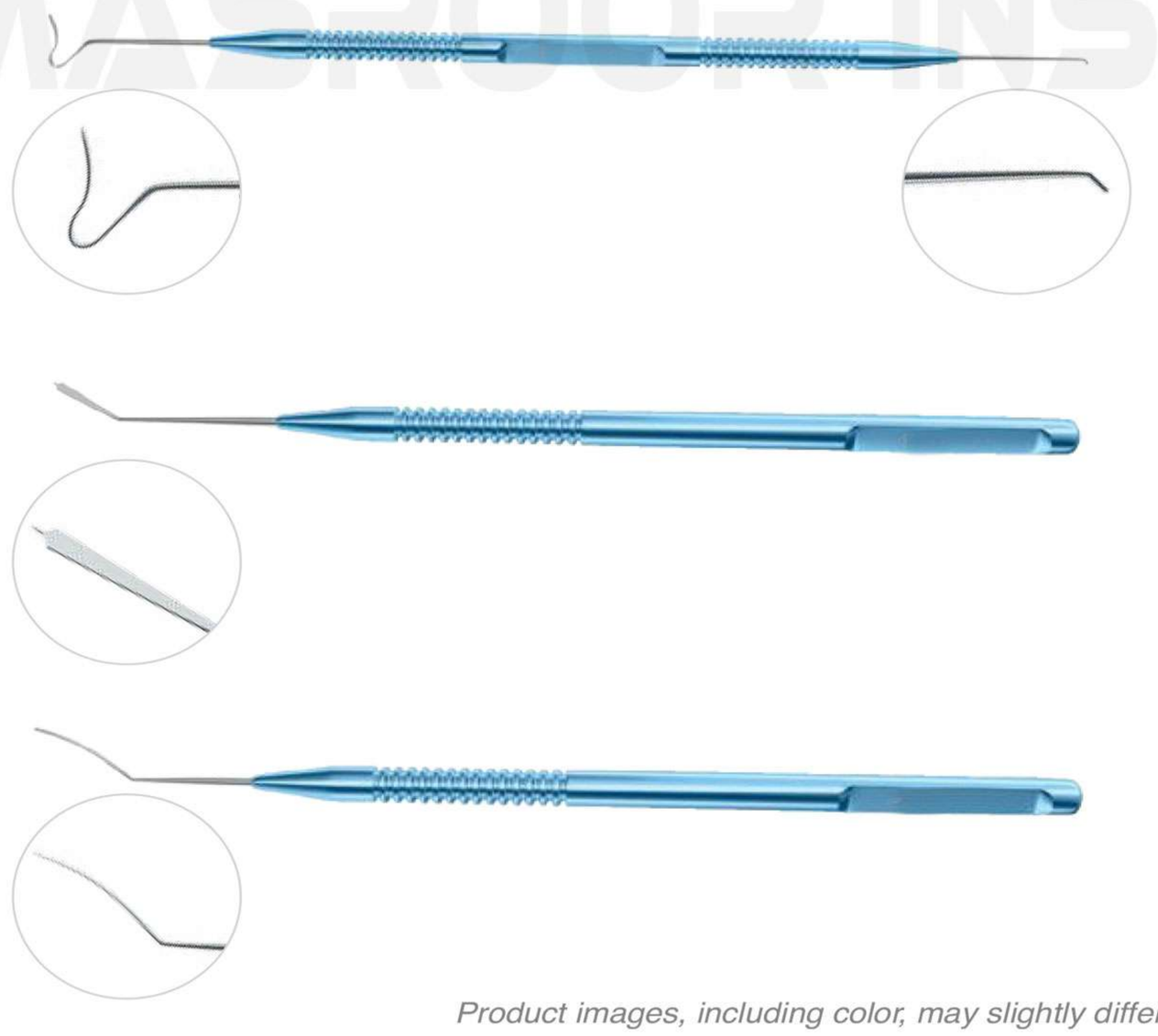
LASEK Knife

– 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

MI-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

MI-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

MI-202

Zaldivar

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

MI-203

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

SPATULAS I FOREIGN BODY / PRK / LASIK

Foreign Body Spuds

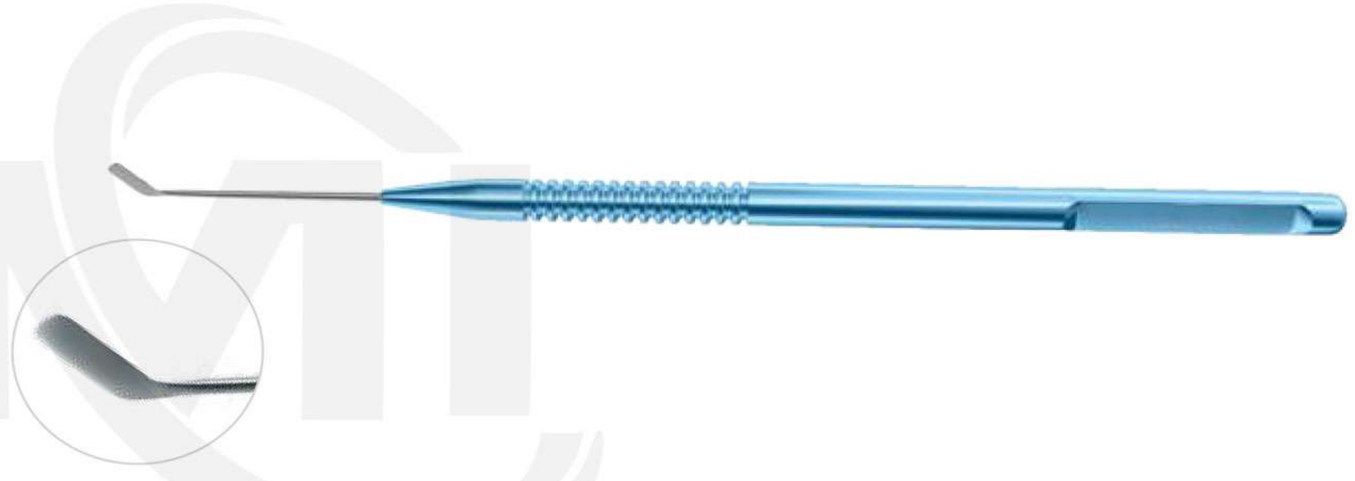
Davis

Foreign Body Spud
Overall length 130 mm

MI-153

PRK / LASIK Spatulas

For the full range of instruments see page 99



Hockey Knife

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

MI-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

MI-002

LASIK

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

MI-013

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

SPATULAS I FOREIGN BODY / PRK / LASIK

Foreign Body Spuds

Davis

Foreign Body Spud
Overall length 130 mm

MI-153

PRK / LASIK Spatulas

For the full range of instruments see page 99

Hockey Knife

For epitelium removal
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MI-002

LASIK

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

MI-013

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

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