



**2025**  
**OPHTHALMIC**  
**INSTRUMENTS**



工欲善其事  
必先利其器

In order to do something well, one needs to make preparations







## Guarantee

All ASOL surgical products are unconditionally guaranteed for life against defects in materials and Workmanship. Any instrument which proves defective when used for its intended purpose will be repaired or replaced at no charge. at the sole discretion of ASOL.

This guarantee is void if instruments are not maintained or repaired properly, or if they are not used for their intended surgical purpose.

## Titanium instruments

Different shades of colour may be found on our surface processing ASOL titanium Instruments. This is not a defect, but a phenomenon which can occur due to any slight variation of manufacture technique or alloy composition. This is a cosmetic characteristic only, and does not compromise the high quality of your ASOL titanium instruments. The original color of titanium is silver.

## Scissors

Do not cut suture, gauze, or wire with scissors unless it is designed to cut those materials. ASOL titanium scissors are guaranteed for one year. Should it be needed, the scissors will be refurbished and sharpened at no charge during the one year.

## CARE & MAINTENANCE OF INSTRUMENTS

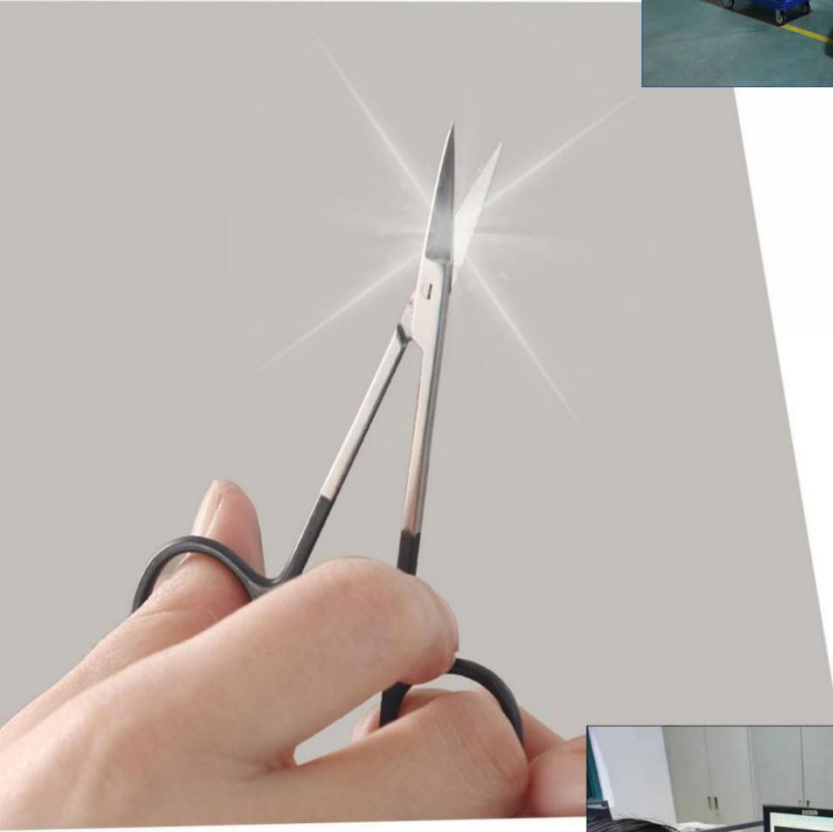
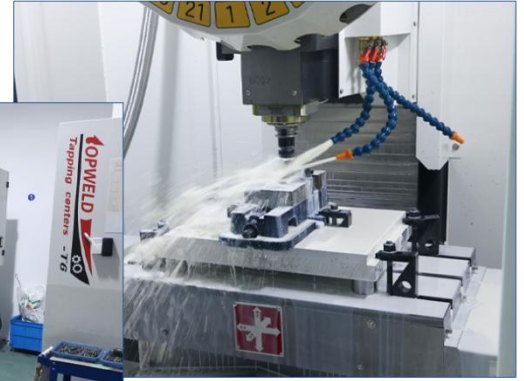
To maintain optimum operating condition and to protect your guarantee of ASOL instruments, we recommend the following along with your general maintenance:

1. Do not allow stains to dry on the instruments.
2. Do not use a mechanical engraver to mark the instruments.
3. Have these instrument repaired, refurbished or sharpened only by a ASOL authorized facility.
4. Be sure to sterilize and store all instruments in the open or unlocked position.
5. Be certain all delicate tipped instruments are protected during storage and sterillization.
6. Instruments must be used for it's intended prupose only.
7. ASOL Co.,Ltd reserve the right to have any alternation of all the products without prior note.  
All the pictures and documents are forbidden to copy without our permission.

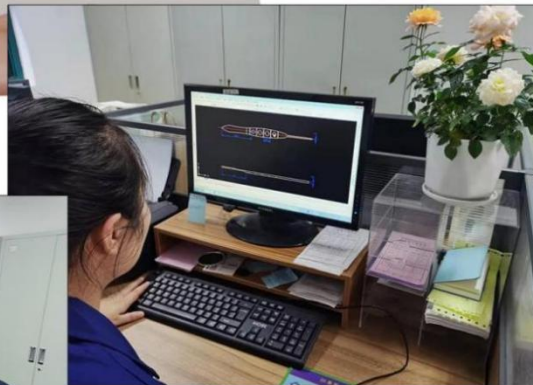
# ABOUT US

ASOL is a chinese factory specializing in manufacturing all kinds of surgical instruments with titanium instruments and stainless steel instruments.

ASOL provide ophthalmic,Neurosurgery,Thoracic & Cardiovascular, Hair Transplantation Dental, microsurgery,General & Plastic Surgery and other specialized surgical instruments.



ASOL can provide the ophthalmic surgical instruments include Cataract,Glaucoma, Vitreoretina,Refractive,Corneal Transplantatio, Lacrimal instruments, Oculoplastic and muscle instruments,etc.



As a specialist manufacturer of surgical instruments, we sincerely welcome the long-term cooperation relations with the reputed overseas distributors or manufacturers,hospitals, surgeons, custom manufacturing and charity activities,etc.

If you would like to know more about our manufacturing facilities, services and download our PDF catalogues and certificates, please simply contact us further.

**ASOL**  
surgical instruments

**2025**

**Contact us to request:**

- +Other surgical instruments Catalogue
- +Additional product description
- +OEM Catalogue
- +Product samples
- +Certificates

*The most popular*

# **Ceramic Coating**



Ceramic coated instruments are easy in handling and have a non-glare surface. They are resistant to wear and tear. The instruments non-rusting and non-corrosive surface is very long-lasting as well as temperature-and scratch-resistant.

**Quality from the details.**

**ASOL Co.,LTD.**

Room 1, Office Building, No. 2, WeikeRoad, Qingjiangpu District, Huai'an City, JiangSu, China  
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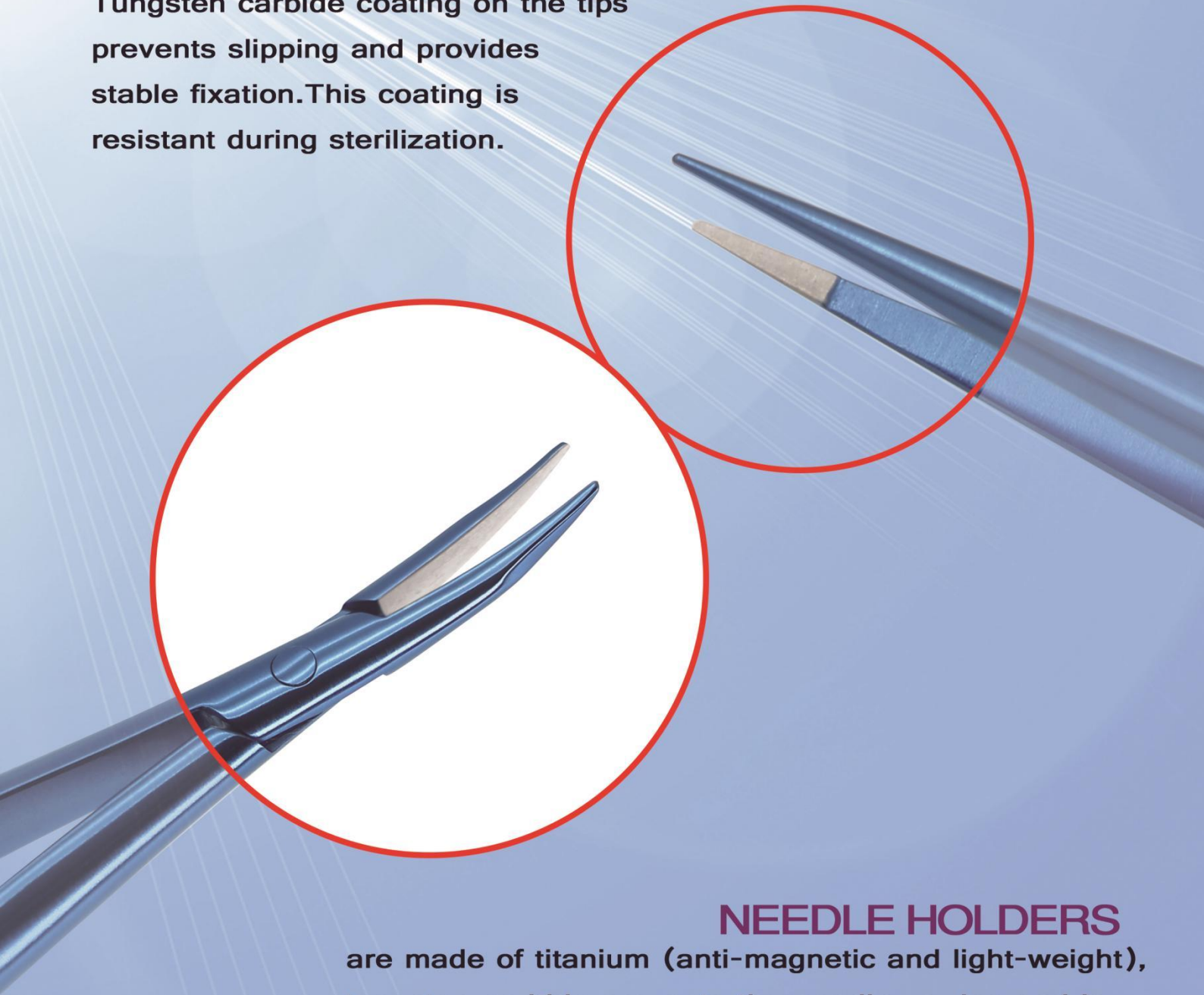


# SPECIAL COATING

## **Tungsten carbide coating**

### **FORCEPS**

Tungsten carbide coating on the tips prevents slipping and provides stable fixation. This coating is resistant during sterilization.



### **NEEDLE HOLDERS**

are made of titanium (anti-magnetic and light-weight), tungsten carbide prevents the needle yawing and is resistant during sterilization.

### **ASOL Co.,LTD.**

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<https://www.asolmed.com>



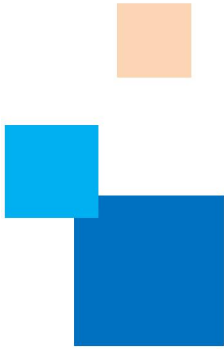
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# FORCEPS

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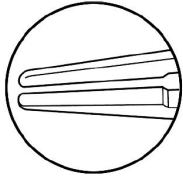




**Straight Tying Forceps** 直系线镊

E1110 Standard \* (\*show)

E1111 Ultrafine



Straight shafts with 5.0mm tying platforms, 85mm long

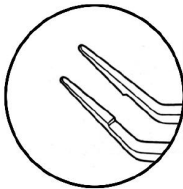
**Mcpherson Tying Forceps** 角形系线镊

E1112 Standard 12mm \*

E1113 Ultrafine 7mm \*(Black)

E1114 Ultrafine 10mm

E1115 Ultrafine 12mm

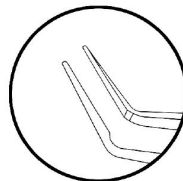


Ceramic coating

Angled shafts with 5.0mm tying platforms, 85mm long

**Mcpherson Tying Forceps** 角形系线镊

E1118 Ultrafine 4mm

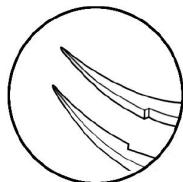


Angled shafts with 4.0mm tying platforms, 85mm long

**Curved Tying Forceps** 弯系线镊

E1116 85mm

E1117 115mm

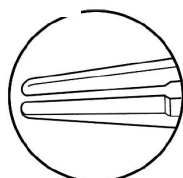


Curved shafts with 6mm tying platforms, Ideal for 10/0 or 11/0 suture

**Straight Tying Forceps** 直系线镊

E1120 Standard

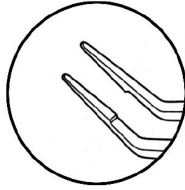
E1121 Ultrafine \*



Straight shafts with 5.0mm tying platforms, 115mm long

**Mcperson Tying Forceps** 弯系线镊

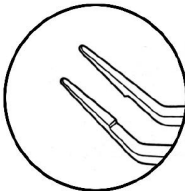
- E1122 Standard
- E1123 Ultrafine \*(show)



Angled 45° shafts with 5.0mm tying platforms, 115mm long

**Castroviejo Tying Forceps** 系线镊

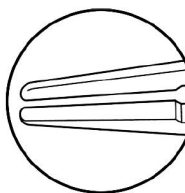
- E1130 Angled 10mm
- E1131 Angled 12mm
- E1133 Ultrafine angled



5.0mm long smooth jaws for 8/0 to 11/0 suture, Shafts available angled 45°, Castroviejo handle, Overall length 108mm, Titanium & Stainless steel

**Castroviejo Tying Forceps** 系线镊

- E1132 Straight \*
- E1132S Straight \* (Stainless steel)

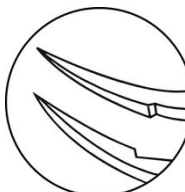


Stainless steel

5.0mm long smooth jaws for 8/0 to 11/0 suture. Shafts available straight, Castroviejo handle, Overall length 108mm, Titanium & Stainless steel

**Curved Tying Forceps** 弯系线镊

- E1119

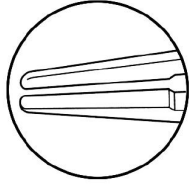


Curved shafts with 6mm tying platforms, Ideal for 10/0 or 11/0 suture, Overall length 108mm

**Girard Tying Forceps** 圆手柄系线镊

E1140 Straight

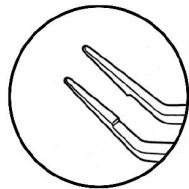
E1141 Curved



5.0mm tying platforms, Round knurled handle with guide pin, 105mm long

**Girard Tying Forceps** 圆手柄系线镊

E1142 Angled

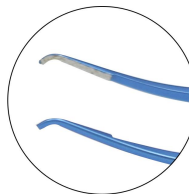


5.0mm tying platforms, Round knurled handle with guide pin, 105mm long

**Colibri Tying Forceps** 系线镊

E1150 85mm\*

E1151 115mm \*(Black)

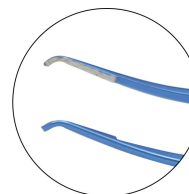


Ceramic coating

5.0mm tying platforms

**Colibri Tying Forceps** 系线镊

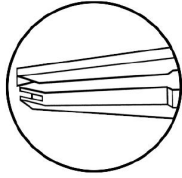
E1152



5.0mm tying platforms, 72mm long.

**Straight Toothed Forceps 直有齿镊**

- E1210** 0.12mm teeth \*
- E1211** 0.10mm teeth\*(Black)
- E1212** 0.30mm teeth

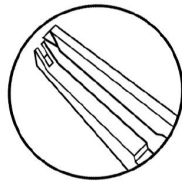


Ceramic coating

1x2 teeth, with 5.0mm tying platforms, 85mm long

**Kelman-Mcpherson Toothed Forceps 弯有齿镊**

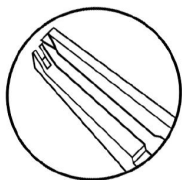
**E1213**



1x2 teeth, 0.12mm, with 5.0mm tying platforms and 10mm angled shafts, 85mm long

**Curved Toothed Forceps 弧有齿镊**

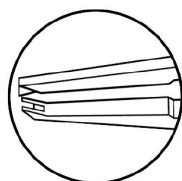
- E1214** 0.10mm teeth 85mm
- E1215** 0.12mm teeth 85mm\*
- E1224** 0.12mm teeth 115mm\*



1x2 teeth, with 5.0mm tying platforms

**Straight Toothed Forceps 直有齿镊**

- E1220** 0.12mm teeth \*
- E1221** 0.10mm teeth\*(Black)
- E1225** 0.30mm teeth



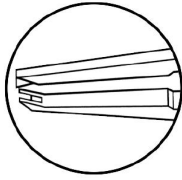
Ceramic coating

1x2 teeth, with 5.0mm tying platforms, 115mm long



**Toothed Corneal Forceps 直有齿镊**

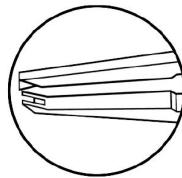
- E1230** 0.12mm teeth \*
- E0211** 0.30mm teeth
- E1231** 0.40mm teeth
- E1234** 0.10mm teeth



1x2 teeth, with 5.0mm tying platforms, 108mm long, Titanium & Stainless steel

**Toothed Forceps 有齿镊**

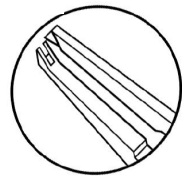
- E1232** Curved
- E1233** Straight\*



0.5mm 1x2 teeth, with 5.0mm tying platforms, 108mm long

**Toothed Forceps 弯有齿镊**

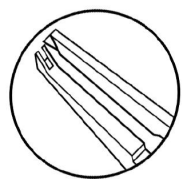
- E1235** 0.12mm \*
- E1236** 0.30mm



1x2 teeth, with 5.0mm tying platforms, Angled shafts 12mm, 108mm long

**Toothed Forceps 弯有齿镊**

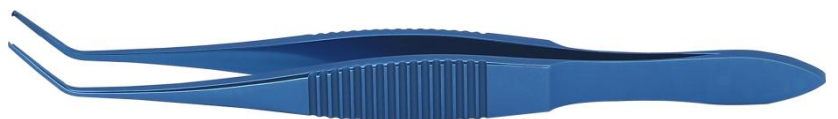
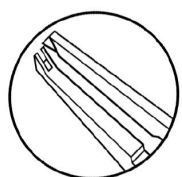
- E1216**



1x2 teeth, 0.12mm, with 5.0mm tying platforms, Angled shafts 7mm, 108mm long

**Troutman Superior Rectus Forceps 直肌镊**

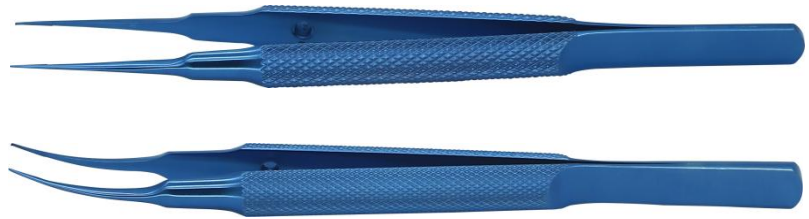
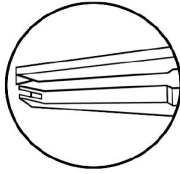
- E1217**



1x2 teeth, 0.5mm, with 5.0mm tying platforms, Angled shafts 10mm, 108mm long

**Toothed Forceps 有齿镊**

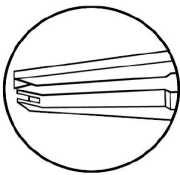
- E1240 Straight
- E1241 Curved



1×2 teeth,0.12mm,with 5.0mm tying platforms,105mm long

**Ergonomic handle Toothed Forceps 有齿镊**

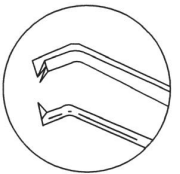
- E1280 0.12mm\*
- E1283 0.10mm
- E1285 0.30mm



1×2 teeth,Straight,With 5.0mm tying platforms,108mm long,Special handle is more flexible to holding tissues much strongly.

**Colibri Corneal Forceps 有齿角膜镊**

- E1250 85mm \*
- E1251a 108mm
- E1251 115mm

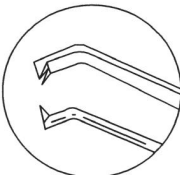


Ceramic coating

1×2 teeth, 0.12mm,with 6.0mm tying platforms

**Botvin Iris Toothed Forceps 有齿虹膜镊**

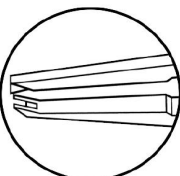
- E1252



1×2 teeth, 0.10mm for peripheral iridectomies,85mm long

**Conjunctiva Toothed Forceps 有齿结膜镊**

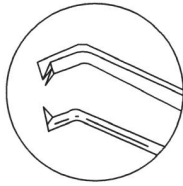
- E1253



Colibri 1×2 teeth,0.12mm,with 5.0mm tying platforms,85mm long

**Harms-Colibri Toothed Forceps** 有齿角膜镊

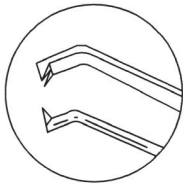
E1254 0.12mm teeth\*  
E1255 0.40mm teeth\*



1x2 teeth, with 6mm tying platforms, 75mm long

**Micro Colibri Corneal Forceps** 精细有齿角膜镊

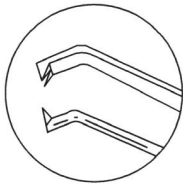
E1256 0.12mm teeth



1x2 teeth, with tying platforms, 75mm long

**Colibri Toothed Forceps** 圆柄角膜镊

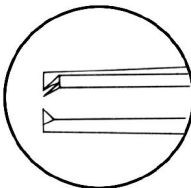
E1257



1x2 teeth, 0.12 mm teeth set at 90 degrees, 105 mm long

**Bishop-Harmon Tissue Forceps** 直组织镊,精细

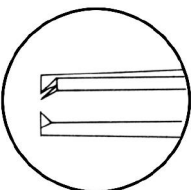
E1260



Delicate 1x2 teeth, 0.12mm, 85mm long

**Bishop-Harmon Tissue Forceps** 直组织镊

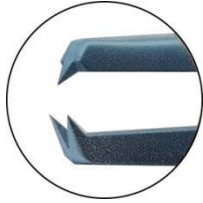
E1261



Standard, 1x2 teeth, 0.12mm, 85mm long

**St. Martin Corneal Tying Forceps 马丁镊**

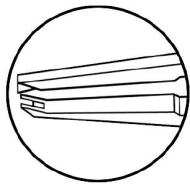
E1262 0.15mm  
E1263 0.30mm\*



1 x 2 teeth, with 5.0mm tying platforms, 85mm long

**Straight Toothed Forceps 有齿镊**

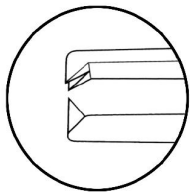
E1264



Straight toothed forceps, 1x2teeth, 0.12mm,  
With 5mm tying platform, 85mm long

**Tissue Forceps 组织镊**

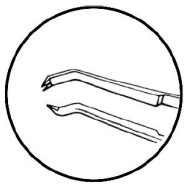
E1270 Straight  
E1271 Curved \*



1x2 teeth, 0.12mm, 108mm long

**Osher Rectus Forceps 组织镊**

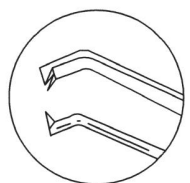
E1272 0.30mm\*  
E1273 0.50mm



1x2 teeth, angled shafts, 115mm long

**Osher Rectus Forceps 组织镊**

E1277  
E1277S Stainless steel

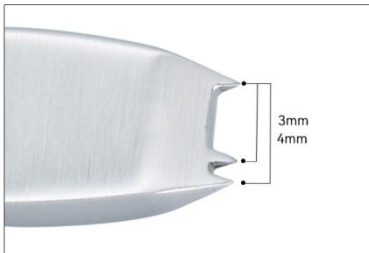
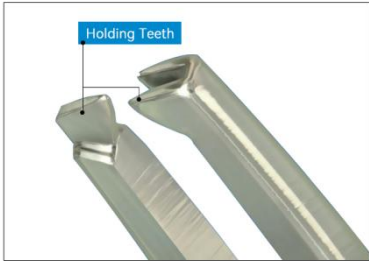


1x2 teeth, 0.12mm, angled shafts, 90mm long



**Lims Forceps 组织镊**

E1278S

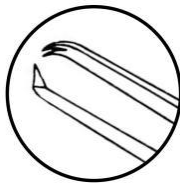


1×2 teeth 0.3mm holding teeth and tying platform,angled shafts, 90mm long,Stainless steel.

The Lims forceps tail function can replace the Trocar Cannula Inserter,can be used as a caliper and a scleral marker (two dimensions,3.0 and 4.0 mm)

**Osher Rectus Forceps 组织镊**

E1274

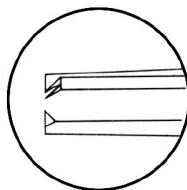


1×2 teeth,0.3mm,Curved shafts 10mm 106mm long

**Adson Tissue Forceps 组织镊**

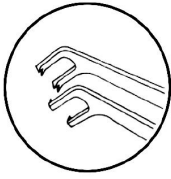
E1275 0.30mm

E1276 0.50mm\*



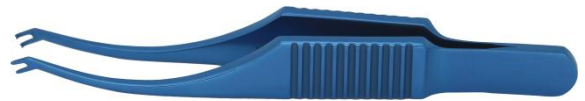
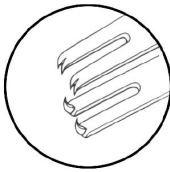
1×2 teeth,straight,125mm long

**Polack Corneal Suturing Forceps 角膜缝线镊**  
E1222



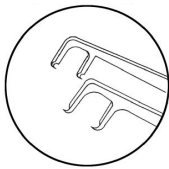
1mm spread, very delicate 1x2 teeth, 0.12mm, 115mm long

**Polack Corneal Suturing Forceps 角膜缝线镊**  
E1223



Colibri style, Two 2.75mm long tips, separated 1mm, with 1x2 teeth, 75mm long

**Hofmann-Polack Corneal Suturing Forceps 无损伤角膜缝线镊**  
E1422



1mm spread, 0.25mm notched, 115mm long

后弹力层撕除专用镊,T形

E1060



Overall length 105mm long

后弹力层撕除专用镊,Y形

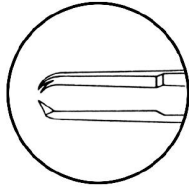
E1061



Overall length 105mm long

**Straight Suturing Forceps 直斜齿线镊**

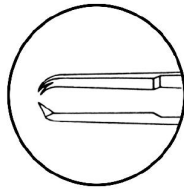
E1310 85mm  
E1311 115mm



1x2 teeth, 0.12mm, with 5.0mm tying platforms

**Castroviejo Suturing Forceps 直有齿线镊**

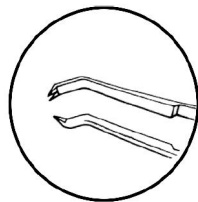
E1330 0.12mm\*  
E1331 0.30mm



1x2 teeth, with 5.0mm tying platforms, 108mm long

**Colibri Corneal Forceps 角膜镊**

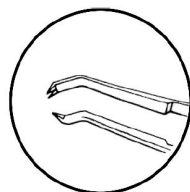
E1332



1x2 teeth, 0.12mm, Tying platform 5 mm, Round handle, Overall length 108 mm

**Colibri Toothed Forceps 斜齿线镊**

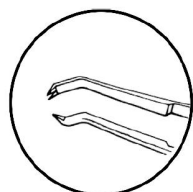
E1350



1x2 teeth, 0.12mm, with tying platforms, 85mm long

**Colibri Toothed Forceps 斜齿线镊**

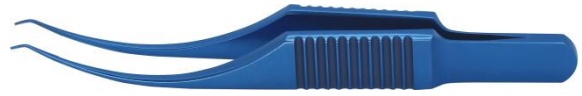
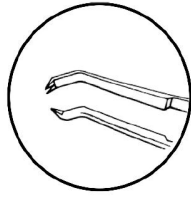
E1350a



1x2 teeth, 0.12mm, with tying platforms, 108mm long

**Colibri Suturing Forceps 斜齿线镊**

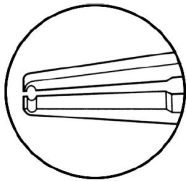
E1351 0.12mm\*  
E1352 0.30mm



1x2 teeth, with tying platforms, 75mm long

**Straight Tissue Forceps 直组织镊**

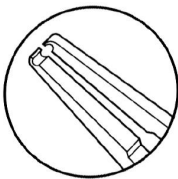
E1410 Standard \*  
E1411 Ultrafine



0.25mm notched, with tying platforms, 85mm long

**Angled Tissue Forceps 角形组织镊**

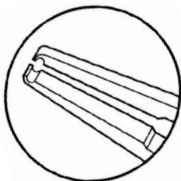
E1412



0.25mm notched, with tying platforms, 85mm long

**Curved Tissue Forceps 弯组织镊**

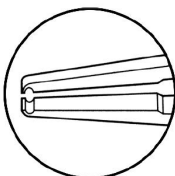
E1413



0.25mm notched, with tying platforms, 85mm long

**Straight Tissue Forceps 直组织镊**

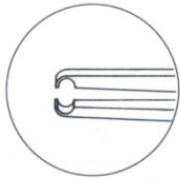
E1420 Standard\*  
E1421 Ultrafine



0.25mm notched, with tying platforms, 115mm long

**Pierse Corneal Forceps** 无损伤角膜镊

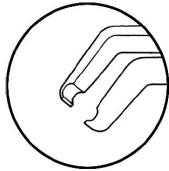
- E1430 Straight
- E1431 Curved



0.25mm notched, with tying platforms, very delicate, 115mm long

**Pierse-Colibri Corneal Forcep** 无损伤角膜镊

- E1450 0.25mm notched
- E1451 0.125mm notched\*
- E1452 0.5mm notched
- E1453 1.0mm notched



With tying platforms, 75mm long

**Colibri notched Forceps** 无损伤角膜镊

- E1458 85mm \*
- E1459a 108mm
- E1459 115mm\*

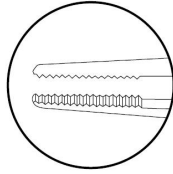


0.25mm notched, With tying platforms



**Iris Forceps 虹膜镊**

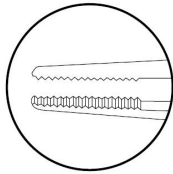
- E1470** Straight
- E1471** Curved \*
- E1472** Angled



0.3mm fine serrated tips, Overall length 85 mm

**Iris Forceps 虹膜镊**

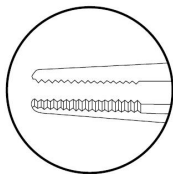
- E1473** Straight \*
- E1474** Curved \*
- E1475** Angled



0.3mm fine serrated tips, Overall length 108 mm

**Iris Forceps 虹膜镊**

- E1476** Straight
- E1477** Curved
- E1478** Angled \*



0.3mm fine serrated tips, Overall length 115 mm

**Bloomberg Pierson Capsulorhexis Forceps** 无损伤撕囊镊

E1510 85mm \*  
E1520 115mm



45° angled straight shafts, Tip to angled length 14mm used to perform continuous tear circular or oval capsulotomies

**Bloomberg Pierson Capsulorhexis Forceps** 无损伤撕囊镊

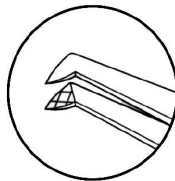
E1511 85mm\*  
E1521 115mm



45° angled gently curved shafts, Tip to angled length 14.0mm used to perform continuous tear circular or oval capsulotomies

**Ultrata Style Capsulorhexis Forceps** 尖头撕囊镊

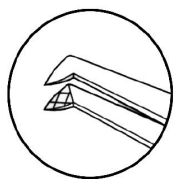
E1512 Straight  
E1513 Curved\*



Fine angled sharp tips, 12mm 45° angled shafts, 85mm long

**Ultrata Style Capsulorhexis Forceps** 尖头撕囊镊

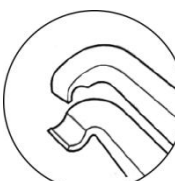
E1516 Straight  
E1518 Curved\*



Fine angled sharp tips, 12mm 45° angled shafts, 115mm long

**Bloomberg Pierson Capsulorhexis Forceps** 无损伤撕囊镊

E1514 85mm  
E1522 115m



Capsulorhexis notched, 45° angled tips with curved 12mm shafts, with an iris stop

**Ultrata Style Capsulorhexis Forceps 尖头撕囊镊**

E1515 85mm



Fine 45°angled sharp tips with curved 12mm shafts for performing capsular hexis through tunnel incision,Iris stops to prevent inadvertent iris capture,Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure

**Ultrata Style Capsulorhexis Forceps 尖头撕囊镊**

E1523 Curved  
E1524 Straight



Fine 45°angled sharp tips with 12mm shafts for performing capsular hexis through tunnel incision,Iris stops to prevent inadvertent iris capture,Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure

**Small Incision Capsulorhexis Forceps 小切口撕囊镊**

E1519S Curved  
E1529S Straight



Designed to fit throught incisions down to 2.0mm,With 13.8mm shafts,Overall length 83mm,High quality stainless steel

**Small Incision Capsulorhexis Forceps 小切口撕囊镊**

E1519 Curved  
E1529 Straight



Designed to fit throught incisions down to 2.0mm,With 13.8mm shafts,Overall length 83mm,High quality titanium

**Nevyas Capsulorhexis Forceps 尖头撕囊镊**

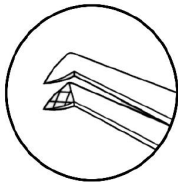
**E1530**



Fine 45° angled tips with 11mm straight shafts and iris stop. Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure, 108mm long

**Nevyas Capsulorhexis Forceps 尖头撕囊镊**

- E1531** Curved
- E1532** Straight



45 deg angled tips with 12mm shafts, 108mm long

**Capsulorhexis Forceps 尖头撕囊镊**

**E1533**



Fine 45° angled tips with 14mm straight shafts and iris stop. Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure, 108mm long

**Capsulorhexis Forceps 尖头撕囊镊**

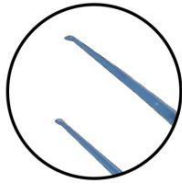
**E1534**



Fine 45° angled tips with 14mm straight shafts and iris stop. Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure. 108mm long

**Capsulorhexis Forceps 圆头撕囊镊**

E1535



Round tips with 11mm straight shafts, Overall length 112mm long

**Lehner-Utrata Style Capsulorhexis Forceps 尖头撕囊镊**

E1540



Fine angled sharp tips with curved 12mm shafts for performing capsulorhexis through tunnel incision, With guide pin, 105mm long

**Lehner-Utrata Style Capsulorhexis Forceps 尖头撕囊镊**

E1562



Fine angled sharp tips with curved 12mm shafts for performing capsulorhexis through tunnel incision, With guide pin, 110mm long

**Bloomberg Pierson Capsulorhexis Forceps 无损伤撕囊镊**

E1541



Used to perform continuous tear circular or oval capsulorhexis. 12mm 45° angled curved shafts with an iris stop, With guide pin, 105mm long



**Corydon Capsulorhexis Forceps 尖头撕囊镊**

**E1542**

- Round serrated handle
- Most popular
- Titanium



**E1542W**

- Cross cut handle
- Titanium



**E1542F**

- Cross pattern handle
- Titanium



**E1542S**

- Flat handle
- Overall length 100mm
- Stainless steel



**E1563**

- Round serrated handle
- Overall length 110mm
- Titanium



Round handle for finger tip rotational control. Fine 45° angled tips with curved 12mm shafts and iris stop. Cystotome teeth can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure. Four types handle with guide pin, 105mm long

**Corydon Capsulorhexis Forceps 尖头撕囊镊**

**FT03211**

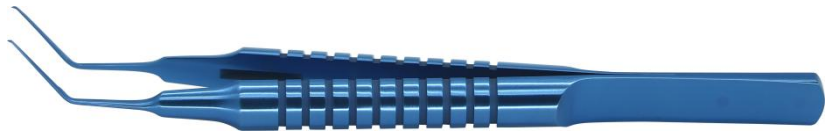


Curved 12mm shafts, 105mm long, Titanium

**O'Gawa-Utrata Capsulorhexis Forceps 尖头撕囊镊**

**E1543**

- Round serrated handle
- Most popular
- Titanium



**E1543W**

- Cross cut handle
- Titanium



**E1543F**

- Cross pattern handle
- Titanium



**E1564**

- Round serrated handle
- Overall length 110mm
- Titanium



Fine 45° angled tips with shafts 12mm with an iris stop, Round handle for finger tip rotational control, Cystotome teeth be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure. With guide pin, 105mm long

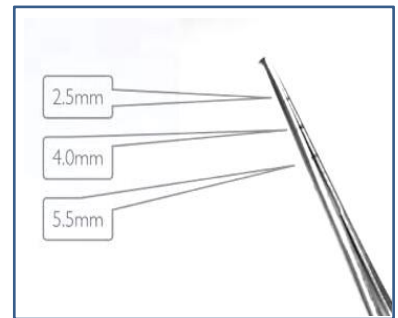
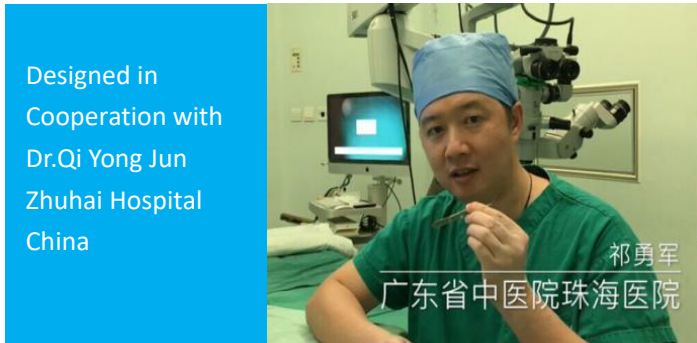
**Utrata Style Capsulorhexis Forceps 尖头撕囊镊**

**E1544**

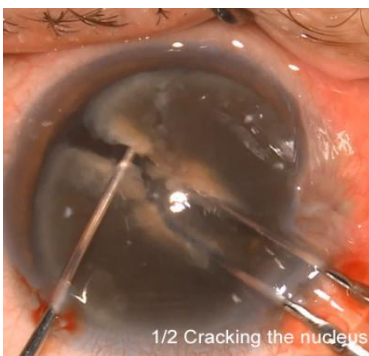
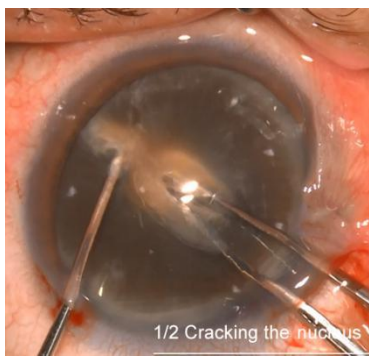


Round handle for finger tip rotational control. Iris stop to prevent inadvertant iris capture, 45° angled tips with slim 10mm shafts to fit through phaco incision, without wound tenting, With guide pin, 105mm long

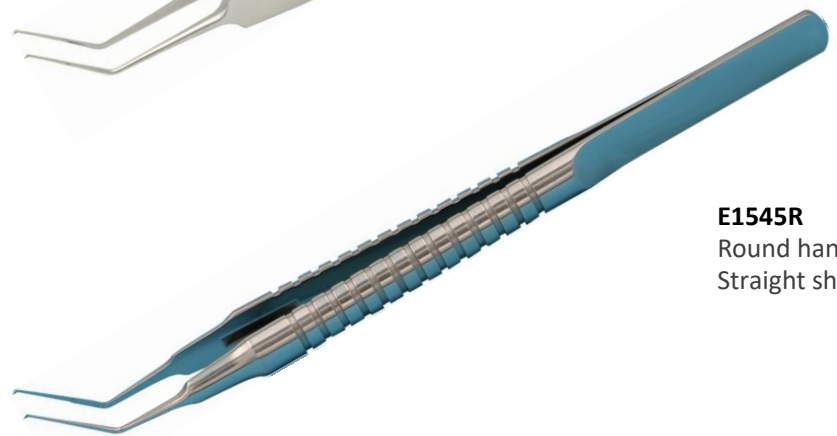
ASOL Capsulorhexis & Prochopper integrated Forceps 尖峰撕碎核镊



The special design tips, For capsulorhexis and cracking, dividing and rotating the nucleus without sculpting. 12.5mm shafts, With internal laser marks, 3 engravings at 2.5/4.0/5.5mm, Marking Capsulorhex diameter and Split nucleus position, Designed to fit through incisions



**E1545**  
· Flat handle  
· Straight shafts



**E1545R**  
· Round handle  
· Straight shafts

SETS: Peak forceps and Chopper



**Small Incision Capsulorhexis Forceps 小切口撕囊镊**

E1547S



With 11mm straight shafts, Overall length 100mm, High quality stainless steel.

**Small Incision Capsulorhexis Forceps 小切口撕囊镊**

E1548S



Designed to fit through incisions down to 1.8mm, With 12mm straight shafts, Overall length 104mm, High quality stainless steel.

**Inamura Capsulorhexis Forceps 哈夫式尖头撕囊镊**

E1550 \*

E1550S Stainless steel



Cystotome tips can be use to create initial flap in anterior capsule for single instrument capsulorhexis procedure, 45° angled 12mm straight shafts and Iris stop, 120mm long.

**Inamura Capsulorhexis Forceps 哈夫式尖头撕囊镊**

E1551 \*

E1551S \* Stainless steel



Cystotome tips can be used to create initial flap in anterior capsule for single instrument capsulorhexis procedure, 45° angled 12mm curved shafts and Iris stop for performing capsulorhexis through tunnel incisions, 120mm long.

**Inamura Small Incision Capsulorhexis Forceps** 小切口撕囊镊

E1552

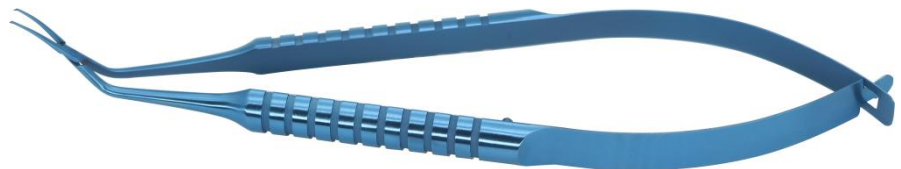


Designed to fit through incisions down to 1.8mm, Tip to pivot point 11mm, Cross action tips, 1.5mm width at pivot, Overall length 118mm.

**Inamura Small Incision Capsulorhexis Forceps** 小切口撕囊镊

E1553 Jaws 10mm

E1554 Jaws 12mm



Designed to fit through incisions down to 1.8mm, Recommended for coaxial phacemulsification, Cross action to maintain alignment of tips, prevent leakage of viscoelastic from anterior chamber, cystotome tips, curved jaws, Jaws 10mm for corneal incision, Jaws 12mm for scleral incision, Overall length 117mm.

**Corydon Capsulorhexis Forceps** 尖头撕囊镊

E1570 Curved\*

E1571 Straight\*



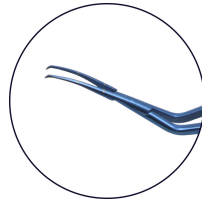
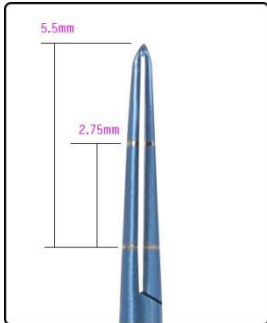
Fine cystotome tips with an iris stop, With 12mm jaws, Overall length 114mm.



**MICS Capsulorhexis Forceps 微小切口撕囊镊**

E1572 Curved \*

E1573 Straight

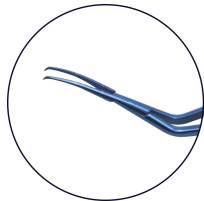


Designed to fit through incisions down to 1.8mm, Recommended for Coaxial Phacemulsification. Cross action, To maintain alignment of tips, prevent leakage of viscoelastic from anterior chamber. Cystotome tips, Jaws 13 mm for corneal incision, Overall length 112mm

**MICS Capsulorhexis Forceps 微小切口撕囊镊**

E1574 Curved \*

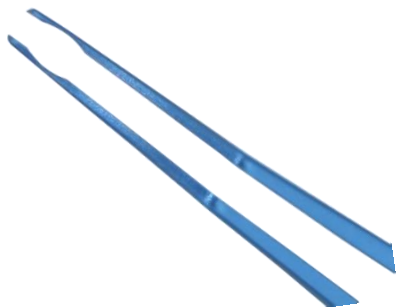
E1575 Straight



Designed to fit through incisions down to 1.8mm, Recommended for Coaxial Phacemulsification. Cross action, To maintain alignment of tips, prevent leakage of viscoelastic from anterior chamber, Cystotome tips, Jaws 15 mm for scleral incision, Overall length 112mm

**Giannetti MICS Capsulorhexis Forceps**

E1580



MICS capsulorrhexis forceps with controlled opening, Cystotome teeth, For 1.5mm incision, 10 mm long oval shaped tips, for 1.8 mm incisions, Overall length 101mm

**Micro Capsulorhexis Forceps**

- E0310** Curved shaft OD 20G
- E0311** Straight Shaft OD 20G
- E0312** Curved shaft OD 23G\*
- E0313** Straight Shaft OD 23G



Integrated Handle (Not disassemble)



For High Vacuum Phaco, Designed to perform Capsulorhexis through 0.80mm side-port incision, Cystotome tips, Compatible with Squeeze Handle, one-piece instruments

**ICL Coaxial Angled ICL Loading Forceps**

- E0380** Straight shaft OD 20G



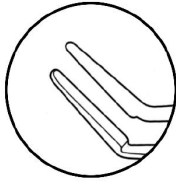
Integrated Handle (Not disassemble)



Straight 20 Gauge shaft, Non rotatable, Designed to load the IC" inside the cartridge to ensure proper positioning by pulling from the distal opening, Compatible with Squeeze Handle

**Kelman-Mcpherson Forceps 弯平台镊**

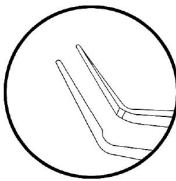
E1610 85mm\*  
E1620 115mm



Angled 45° shafts,With 7.5mm long smooth jaws.

**Kelman-Mcpherson Len Forceps 弯平台镊**

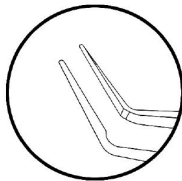
E1630



7.5mm long smooth jaws,Very delicate,108mm long.

**Bechert Len Forceps 弯平台镊**

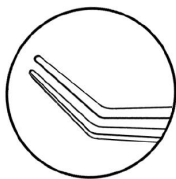
E1631



10mm long smooth jaws,Very delicate,108mm long

**Kelman-Mcpherson Lens Forceps 软性晶体镊**

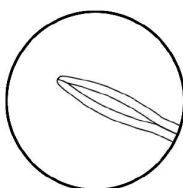
E1632



Lens holding Forceps,Smooth jaws for holding soft IOL, 102mm long

**Lens Implantation Forceps 软性晶体镊**

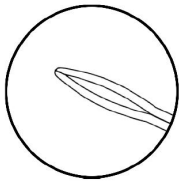
E1633



The jaw's smooth surfaces and rounded edges grip the lens firmly yet gently,115mm long

**Acrylic Lens Insertion Forceps 软性晶体镊**

E1670



The jaw's smooth surfaces and rounded edges grip the lens firmly yet gently, 104mm long

**Lens Implantation Forceps 反向晶体镊**

E1634



Reverse cross-action. Smooth rounded curved jaws, 105mm long

**Lens Implantation Forceps 软性晶体镊**

E1635\*

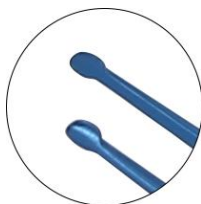
E1635S\* Stainless steel



With 1mm round tip, 12mm curved shafts, Overall length 108mm, Titanium & Stainless steel

**Cartridge Loading Forceps 晶体镊**

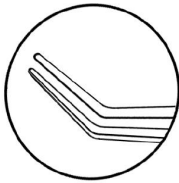
E1638



With 1mm round tip, 12mm curved shafts, Overall length 115mm

**Kelman-Mcpherson Lens Forceps 晶体镊**

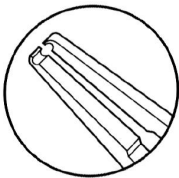
E1636



15mm from tip to bend, Round smooth jaws for holding soft IOL, Overall length 102mm

**Notched Implantation Forceps**

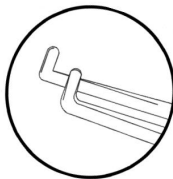
E1639



Angled 0.25mm notched, shafts angled 45 degree, with 9.0mm platform, 108mm long

**Clayman Lens Forceps 晶体镊**

E1650



Gently curved shafts with 90° angled 1.0mm tips, 120mm long

**Lens Forceps 晶体镊**

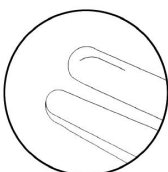
E1651



Curved shafts with 1mm ring tips, 120mm long

**Kratz Style Lens Forceps 晶体镊**

E1652

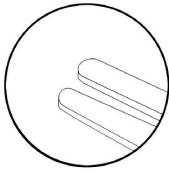


Curved narrow smooth jaws, Very delicate, 120mm long



**Jaffe-Blaydes Lens Forceps 晶体镊**

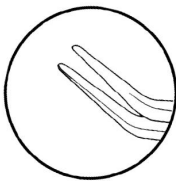
E1653



Angled 30° narrow smooth jaws. Very delicate, 115mm long

**Blades Angled Lens Forceps 晶体镊**

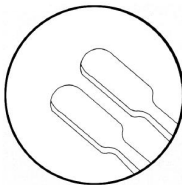
E1654



8mm 45° angled shafts with smooth jaws, 115mm long

**Shepard Lens Forceps 晶体镊**

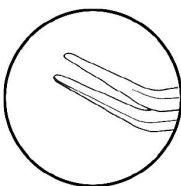
E1655



Gently curved shafts with flat tungsten carbide coated jaws, 125mm long.

**Anis Lens Forceps 晶体镊**

E1656



9mm long smooth jaws, angled 45°, extra delicate, 115mm long

**Lens Forceps 晶体镊**

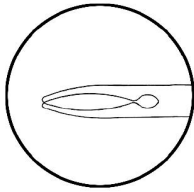
E1657



Overall length 115mm.

**Lens Implantation Forceps 软性晶体镊**

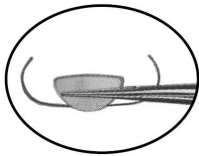
E1658



Standard cross-action. The thin low-profile jaws securely grip the optic and avoid lens migration. With lock, 108mm long.

**Lens Implantation Forceps 软性晶体镊**

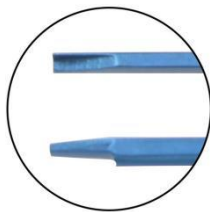
E1659



The ultra-fine, smooth and well rounded blades can grasp the optic low down without lens migration, Thin profile blades with convex inner surfaces, 108mm long

**Cartridge Loading Forceps 晶体镊**

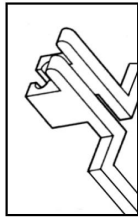
E1637



Thin and smooth jaws, Designed for inserting Acrylic IOL into A, B, C, D cartridges., Overall length 109mm

**Seibel Style Lens Folding Forceps 晶体折叠镊**

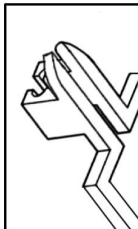
- E1621 With lock
- E1622 Without lock\*



Folding 6mm IOL's, Paddle style jaws with handle stop pin to prevent over folding IOL, 115mm long

**Seibel Style Lens Folding Forceps 晶体折叠镊**

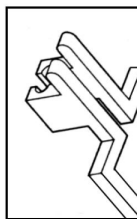
E1623



Incorporates tying platform tips for tucking the haptics into folded 6mm IOL. Handle stop pin to prevent over folding IOL, 115mm long

**Seibel Style Lens Folding Forceps 晶体折叠镊**

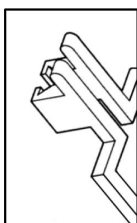
E1624



Folding 5.5/6.0mm IOL's, Handle stop pin to prevent over folding IOL, 115mm long.

**Steinhart Style Lens Folding Forceps 晶体折叠镊**

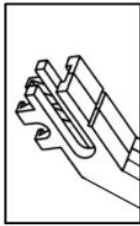
E1625



Triangular shaped inner jaws, handle stop pin to prevent over folding IOL, 115mm long

**Lens Folding Forceps 晶体折叠镊**

**E1626**



Universal lens folding forceps, for 5.5/6.0mm IOL's, The box design of the jaws holds and encapsulates the IOL and the side cut outs enable the perfect transfer to the inserter, 108mm long

**Lens Folding Forceps 晶体折叠镊**

**E1627**



Design facilitates pick up and folding of 5.5/6.0mm IOL's from a flat surface and incorporates a handle stop pin to prevent over folding, 108mm long

**Injector for IOL Implantation 晶体推注器**

**E1606**



For one hand IOL implantation,When ordering please indicate injector handle item No and tip item No.

**Injector for IOL Implantation 晶体推注器**

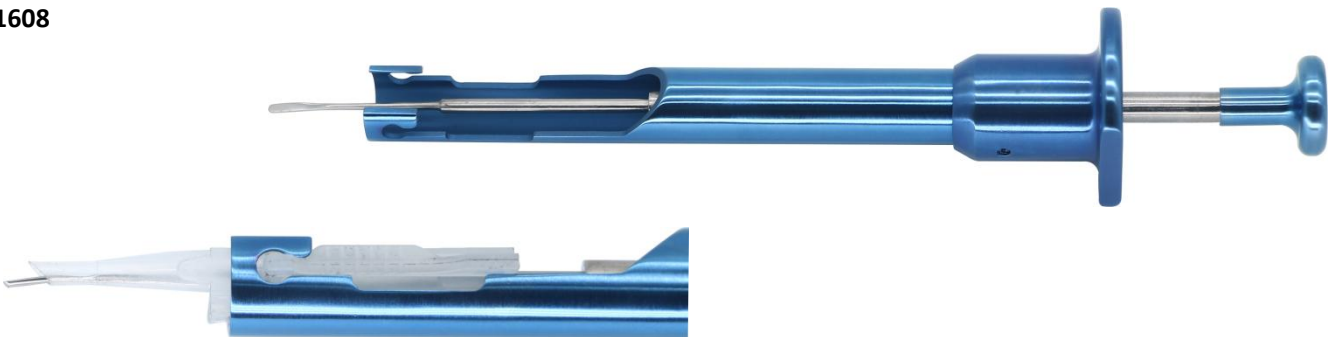
**E1607**



For one hand IOL implantation,When ordering please indicate injector handle item No and tip item No.

**Injector for IOL Implantation 晶体推注器**

**E1608**

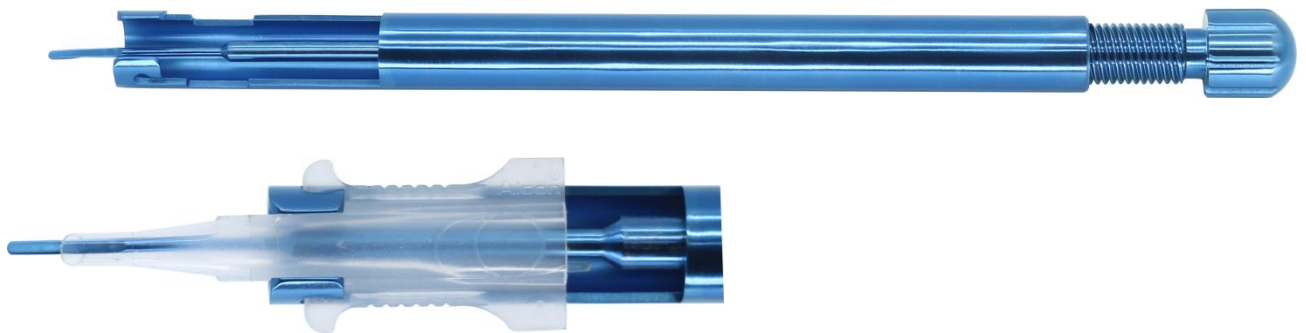


For one hand IOL implantation,Monarch II /III style.When ordering please indicate injector handle item No and tip item



**IOL Injector for cartridges 晶体推注器****E1609**

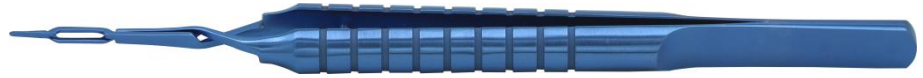
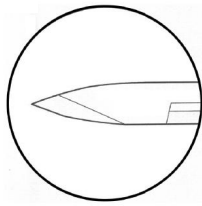
IOL Injector/IOL Delivery System,Plunger mechanism with reverse inner spring for easy and efficient one-handed technique implantation.Specially designed handle enables firm grip and precise control,With ring Alcon Monarch II style,plunger mechanism II cartridge injector for use with Type A, B & C cartridges,titanium

**IOL Injector for cartridges 晶体推注器****E1605**

IOL Injector/IOL Delivery System,Special thread rotation propulsion design precise control,Monarch III style

**Akahoshi Prechopper 碎核镊**

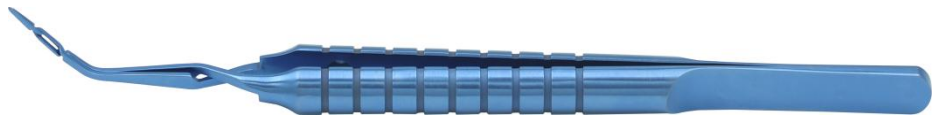
E1711



Universal smooth pointed tips, 13mm straight shafts, cross-action, maximum tip opening 2.8mm, 120mm long.

**Akahoshi Prechopper 碎核镊**

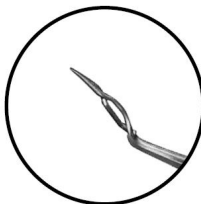
E1712



Universal smooth pointed tips, with 3mm cutter, 13mm angled shafts, cross-action, maximum tip opening 2.8mm, 120mm long.

**Akahoshi Prechopper 碎核镊**

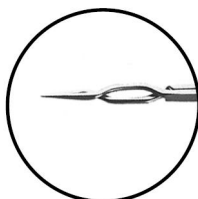
E1713



Conventional smooth sharp pointed tips, 12mm angled curved shafts cross-action, maximum tip opening 2.8mm, 120mm long.

**Akahoshi Phaco Prechopper 碎核镊**

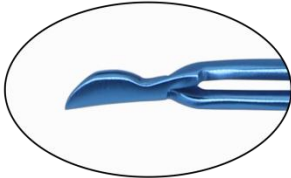
E1714 Straight  
E1715 Angled



4.5mm long delicate jaws with conventional smooth sharp tips for cracking dividing and rotating the nucleus without sculpting, 120mm long.

**Akahoshi Combo II Pre-chopper 碎核镊**

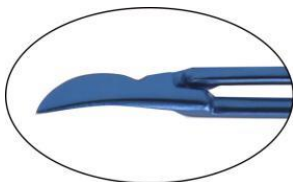
**E1716** 1.5mm tips



Specially designed jaws to split soft nuclei grades 1&2,With sharp blades on the upper side of the tips and blunt on the other side;Sharp tip penetrates nucleus,while blunt edge allows for safe separation near posterior capsule,cross-action,Fits within a 2.2mm incision,120mm long.

**Akahoshi Combo III Pre-chopper 碎核镊**

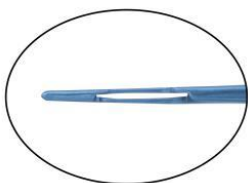
**E1716a** 1.3mm tips



Specially designed jaws to split soft nuclei grades 1 to 3,With sharp blades on the upper side of the tips and blunt on the other side,cross-action, maximum tip opening 3.0mm,Fits within a 2.2mm incision,120mm long.

**Akahoshi Universal II Pre-chopper 碎核镊**

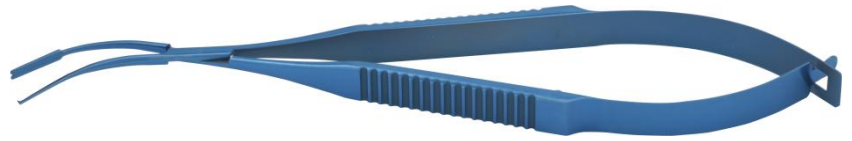
**E1717**



Ideal for medium and hard nuclei grades 3 to 5,Straight shafts for 2.0mm incision,cross-action,maximum tip opening 2.5mm,120mm long

**Nucleus Bisector/Vectis Forceps 二分刀**

E1720



110mm long

**Nucleus Trisector/Vectis Forceps 三分刀**

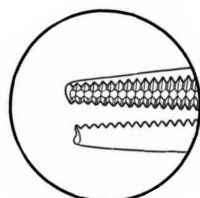
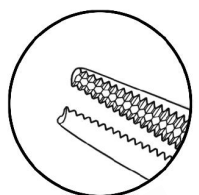
E1721



110mm long

**Nucleus Removal Forceps 碎核镊**

E1722 Angled  
E1723 Straight



Two rows of teeth on jaws ,designed to remove fragments of the nucleus through a small incision, 105mm long.

**MSICS & Lens Implantation Forceps 碎核、晶体植入镊**

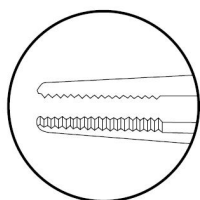
E1724



For manual small-incision cataract surgery,The back edge is used for crunching nucleus,Flat tip with lens implantation function, 123mm long,Stainless steel.

**Nucleus Removal Forceps 碎核镊**

E1725 Straight  
E1725C Curved



The shafts with fine serrated tips,105mm long.

**Ernest Nucleus Cracker 碎核镊**

E1726



Extra delicate cross-action serrated paddle shaped jaws,For cracking the nucleus through a 2.5mm incision,Overall length 102mm.



**Akahoshi phaco prechopper 碎核镊**

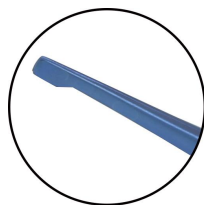
E1727



4.5mm long delicate jaws with sharp tips, For cracking, dividing and rotating, the nucleus without sculpting, Overall length 100mm

**Brown Nucleus Cracker 碎核镊**

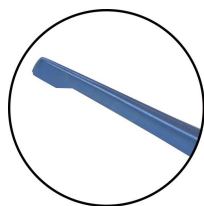
E1728



Choppers, dividers and rotators, prechop and nucleus cracking forceps, forceps, prechop and nucleus cracking. 1.1mmx1.2mm paddle style tips, 30° angled shafts, Cross action tips length 14.5mm, Standard cross action handle, length 120mm

**Brown Nucleus Cracker 碎核镊**

E1729



1.1mmx1.2mm paddle style tips, 30° angled shafts, Cross action tips length 14.5mm, Overall length 100mm.

**Dodich Nucleus Cracker 碎核镊**

E1730



Curved, cross-action serrated paddles for use through 3mm incision, Overall length 110mm

**Jeweler Style Forceps 直 5#尖镊**

- E1010** Serrated handle
- E1010b** Smooth flat handle



5#, 0.1×0.06mm tips, Overall length 110mm, Titanium

**Jeweler Style Forceps 角 5#尖镊**

**E1011**



5#, 0.05 × 0.01mm tips 90° bent, Overall length 110mm, Titanium

**Jeweler Style Forceps 角 5#尖镊**

**E1012**



5#, 0.05 × 0.01mm tips, Angled 45° , Overall length 110mm, Titanium

**Jeweler Style Forceps 7#尖镊**

**E1013**



5#, 0.17 x 0.1 mm tips, overall length 110mm, Titanium

**Jeweler Style Forceps 角 5#尖镊**

**E1016**



5#, 0.05 × 0.01mm tips, Overall length 110mm, Titanium

**Chalazion Forceps** 散粒肿夹

**E1020** Oval 12×14mm



**E1021** Oval 17×9mm



**E1031** Oval 8×11mm



**E1022** Round 8mm



**E1023** Round 15mm



**E1034** Round 20mm\*  
**E1035** Round 23mm



Solid lower plate,open upper plate,Locking thumb screw mechanism,Overall length 100mm.

**Chalazion Forceps** 散粒肿夹

**E1039** Round 9mm



Solid plate, Locking thumb screw Mechanism, 104mm long

**Chalazion Forceps** 散粒肿夹

**E1045** Oval 30×15mm



Solid lower plate, open upper plate, Locking thumb screw mechanism, Overall length 103mm

**Cilia Forceps 睫毛镊**

E1024



Ceramic coating

Smooth jaws, Round handle, 72mm long

**Barraquer Cilia Forceps 睫毛镊**

E1033

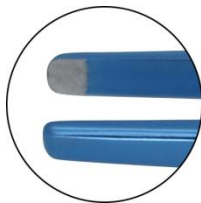


Ceramic coating

Angled shafts, Overall length 107mm, Titanium

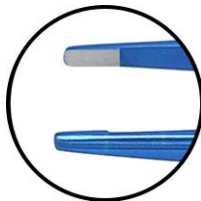
**Cilia Forceps 睫毛镊**

E1046



Slender 2mm long rounded platforms, Overall length 86mm, Titanium

E1047



Narrow smooth jaws, Overall length 86mm, Titanium

**Cilia Forceps 睫毛镊**

E1048



1×3mm smooth jaws, Overall length 86mm, Titanium

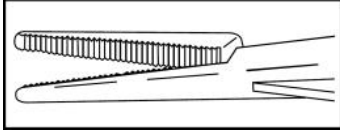


**Beauprer Cilia Forceps 睫毛镊****E1049**

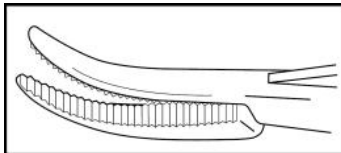
Bullet nose style smooth 35° angled 10mm jaws, 110mm long

**Hartmann Hemostatic Mosquito Forceps 蚊式止血钳**

**E1026** Straight



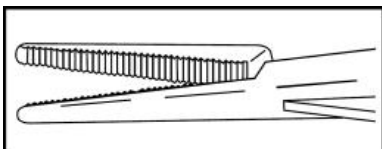
**E1027** Curved



20mm serrated jaws, Ring handle With ratchet lock, Overall length 95mm.

**E1026L** Straight\*

**E1027L** Curved



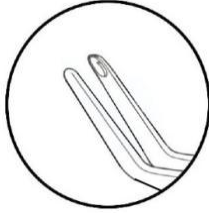
23mm serrated jaws, Ring handle With ratchet lock, Overall length 125mm.

**Hartmann Mosquito Forceps** 蚊式止血钳**E1029S** Straight**E1030S** Curved \* (show)

22mm serrated jaws, Ring handle With ratchet lock, Overall length 120mm, Gold line, Stainless steel

**Scleral Plug Forceps 巩膜塞镊**

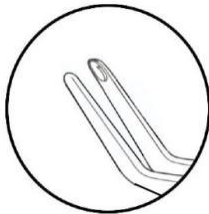
E1025



Designed to securely hold scleral plugs during insertion and removal. The cross-action handle reduces hand fatigue while grasping plug, 118mm long.

**Scleral Plug Forceps 巩膜塞镊**

E1043



Designed to securely hold scleral plugs during insertion and removal. The Serrated cross-action handle reduces hand fatigue while grasping plug, 116mm long.

**Landers Vitrectomy Lens Forceps 玻切透镜镊**

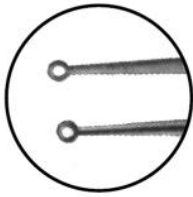
E1028



For use with the Landers Vitrectomy lens set. Shafts angled 45° with curved grooved blades for holding the Landers Vitrectomy Lens, 115mm long.

**Fechtner Conjunctiva Forceps** 结膜镊

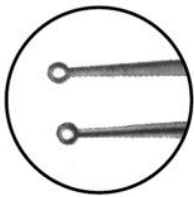
E1037 108mm



Delicate 1mm ring tip jaws, Overall length 108mm

**Fechtner Conjunctiva Forceps** 结膜镊

E1057 85mm



Delicate 1mm ring tip jaws, Overall length 85mm

**Fechtner Conjunctiva Forceps** 结膜镊

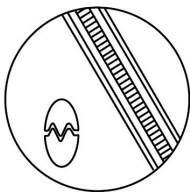
E1062 115mm



Delicate 1mm ring tip jaws, Overall length 115mm

**DeBakey Conjunctiva Forceps** 结膜镊

E1038 1.1mm wide\*  
E1042 1.6mm wide



Straight, Debakey atraumatic tips, Overall length 120mm

**Bonaccolto Utility Forceps**

E1064

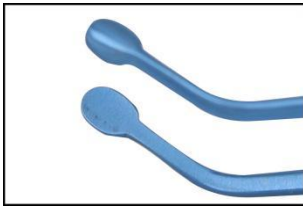


Straight shafts with 16mm long platform, Lengthwise serrated jaws with cross serrated tips, Overall length 108 mm



**Compressing Lid Forceps 眼板腺按摩镊**

E1040



The goal of removing gland obstruction, The instrument obtains quick and delicate meibum expression by equal compressing of the eyelid from the internal and the external sides, Overall length 102mm

**Compressing Lid Forceps 眼板腺按摩镊**

Designed in  
Cooperation With  
Dr. Wang Da Hu  
Shanghai Longhua  
Hospital.  
China



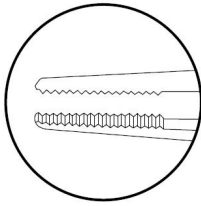
E1041

The instruments for treatment of meibomian gland dysfunction, With a roller and pad, Overall length 86mm, Titanium



**Dressing Forceps 敷料镊**

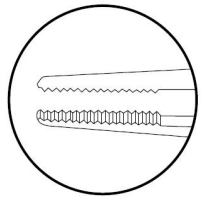
E1050



0.6mm fine serrated tips, Overall length 85 mm

**Dressing Forceps 敷料镊**

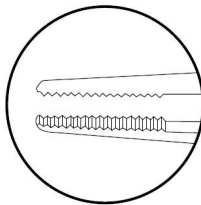
E1051



0.5mm fine serrated tips, Overall length 100 mm

**Adson Dressing Forceps 敷料镊**

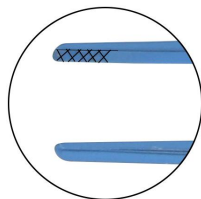
E1053



1.2mm serrated tips, Overall length 125 mm

**Dressing Forceps 敷料镊**

E1052



6mm long mesh-like tips, Overall length 108 mm

**Dressing Forceps 敷料镊**

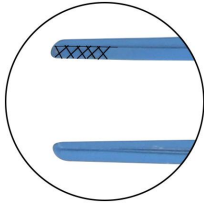
E1059



6mm long mesh-like tips, curved, Overall length 108mm

**Dressing Forceps 敷料镊**

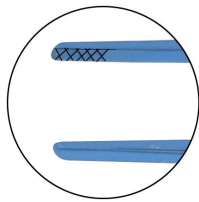
E1054



6mm long mesh-like tips, Overall length 87mm

**Adson Dressing Forceps 敷料镊**

E1055



1.2mm mesh-like tips, Overall length 125mm

**Serrefine 血管夹**

E1819



Serrefine, Straight 10mm serrated jaws, Overall length 40mm, Stainless steel

**Baby Jones Towel Clamps 巾钳**

E1829



Cross action, 65mm long, titanium

**Towel Clamps 巾钳**

- E1830S 90mm
- E1831S 110mm\*
- E1832S 140mm



Ring handle, Overall length 90mm、110mm、140mm, Stainless steel

**Towel Clamps 巾钳**

- E1830 90mm
- E1831 110mm\*
- E1832 140mm



Ring handle, Overall length 90mm、110mm、140mm, titanium

**Helveston fixation forceps 带锁弯固定镊**

E1841



For fixating and retracting the globe during strabismus procedures, 0.6mm, 1 x 2 teeth, 118mm long

**Fixation forceps 固定镊**

E1842 Left  
E1843 Right



Two point fixation, 1 x 2 teeth, 0.5mm Tips, separated by 13mm spread, Right, 115mm long

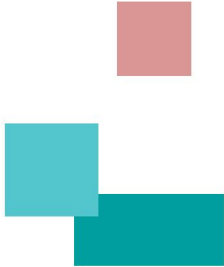
**Moody Fixation Forceps 固定镊**

E1844 Left  
E1845 Right



# Needle Holder

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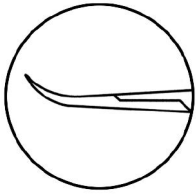




## Needle Holders •

### Curved Needle Holder 弯头持针钳

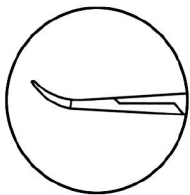
- E2010 W/out lock
- E2020 With lock\*



Curved, 11mm medium jaws, sharp tips, 115mm long.

### Barraquer Needle Holder-Curved 弯头持针钳

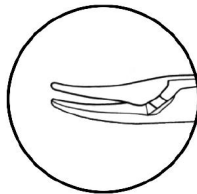
- E2011 W/out lock \*
- E2021 With lock



Delicate, 9mm gently curved jaws, sharp tips, 115mm long.

### Troutman Needle Holder-Curved 弯头持针钳

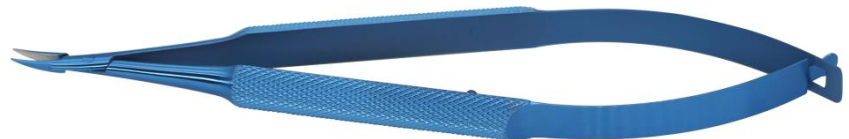
- E2012 W/out lock
- E2022 With lock\*



10mm gently curved jaws, blunt tips, 115mm long.

### Curved Needle Holder 弯头持针钳

- E2013 W/out lock
- E2023 With lock

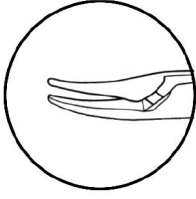


Curved, 6mm delicate jaws, 110mm long

## Needle Holders •

### Curved Needle Holder 弯头持针钳

E2013L

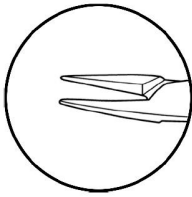


Curved, 6mm delicate jaws, 125mm long

### Straight Needle Holder 直头持针钳

E2014 W/out lock

E2024 With lock\*

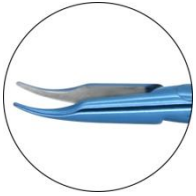


Straight, 6mm delicate jaws, 110mm long

### Bechart-Sinskey Needle Holder 弯头持针钳

E2015 W/out lock\*

E2025 With lock



Delicate, 9mm gently curved jaws, sharp tips, 115mm long

### Fine Curved Needle Holder 弯头持针钳

E2016 W/out lock \*

E2026 With lock



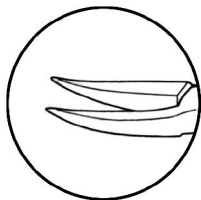
Curved, 9mm fine jaws, sharp tips, 115mm long

## Needle Holders •

### Barraquer Needle Holder 弯头持针钳

E2017 W/out lock \*

E2027 With lock



Ceramic coating

Very delicate curved jaws, sharp tips, 115mm long

### Side Curved Needle Holder 侧向弯头持针钳

E2018 W/out lock \*



Blunt tips, Overall length 115mm

### Barraquer Needle Holder 直头持针钳

E2019

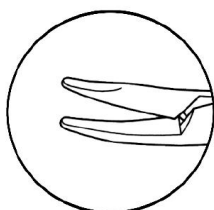


9mm short model Very delicate jaws, straight, 115mm long

### Azar Needle Holder 弯头持针钳

E2110 W/out lock \*

E2120 With lock

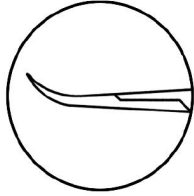


Fine 9mm gently curved jaws, 115mm long.

## Needle Holders •

### Azar Needle Holder 弯头持针钳

- E2114 W/out lock\*
- E2124 With lock



9mm gently curved jaws,115mm long.

### Castroviejo Needle Holder 弯头持针钳

- E2210 W/out lock
- E2220 With lock



Gently curved delicate jaws,blunt tips,140mm long.

### Castroviejo Needle Holder 弯头持针钳

- E2211 W/out lock
- E2221 With lock

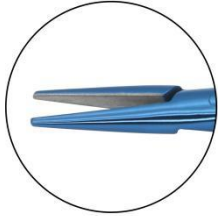


Standard,11mm curved jaws,blunt tips,140mm long.

## Needle Holders •

### Castroviejo Needle Holder 直头持针钳

- E2212 W/out lock
- E2222 With lock



Delicate jaws, Straight 0.7mm blunt tips, 140mm

### Castroviejo Needle Holder 直头持针钳

- E2213 W/out lock \*
- E2223 With lock



11mm standard jaws, 1.2mm blunt tips, 140mm long.

### Castroviejo Needle Holder 弯头持针钳

- E2301 0.4mm tips
- E2302 0.8mm tips



11mm curved jaws, Round handle, 140mm long.

### Curved Needle Holder 弯头持针钳

- E2401



Curved needle holder, Curved 11mm jaws, 0.4 tips, Round handle, 120mm long.

## Needle Holders •

### Ing's Needle Holders/Scissors 带剪持针钳

E2501



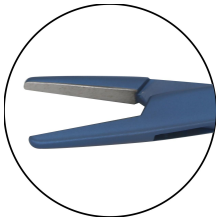
Combination of needle holder and scissors in one instrument, 17mm curved jaws, Round serrated handle, Overall length 120mm



## Needle Holders •

### Needle Holders 持针钳

E2601



Tungsten carbide coated jaws



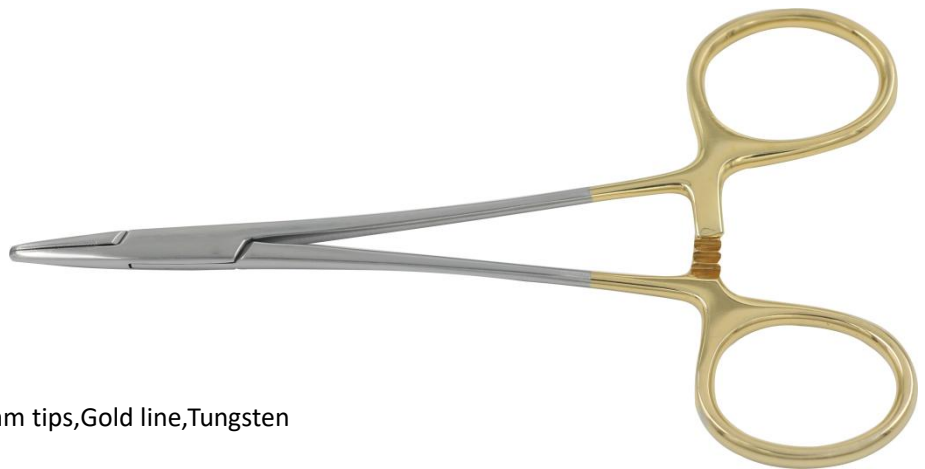
Ring handle with ratchet lock, 2mm tips, Overall length 120mm.

### Needle Holders 持针钳

E2602S



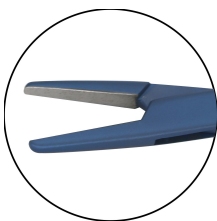
Tungsten carbide inserts jaws



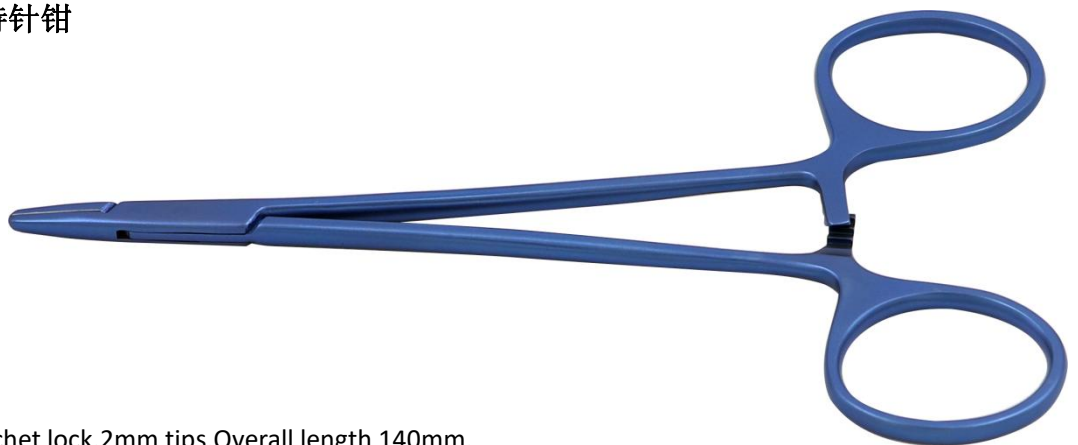
Ring handle with ratchet lock, 2mm tips, Gold line, Tungsten carbide inserts jaws, 120mm.

### Needle Holders 持针钳

E2607



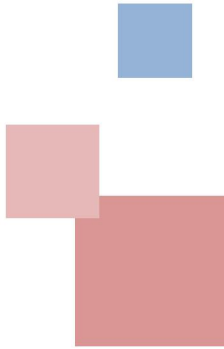
Tungsten carbide coated jaws



Ring handle with ratchet lock, 2mm tips, Overall length 140mm.

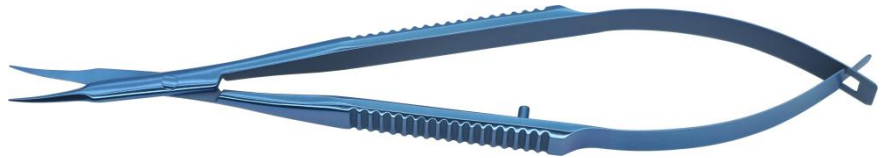
# Scissors

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**Mcperson-Westcott Conjunctiva Scissors 结膜剪****E3140 \*****E3140S** Stainless steel

Curved, blunt tips, Tip to pivot length 10.5mm, 105mm long.

**Osher Universal Scissors 结膜剪****E3150**

Thin curved blades provide precise 6.5mm beveled incision opening with a single snip, Blunt tips with gentle curved 21mm blades, 115mm long.

**Conjunctival Scissors 结膜剪****E3160**

Gently curved blades, Tip to pivot length 12mm, Blunt tips, 115mm long.

**Katzin Corneal Transplant Scissors** 角膜移植剪

E3240 Right

E3241 Left



Strongly curved, Blunt tips and lower blade 0.5mm longer than the upper blade, 13mm from pivot to tip, 105mm long.

**Castroviejo Keratoplasty Scissors** 角膜成形剪

E3242

E3242S Stainless steel



Stainless steel

Universal with blunt angled blades, Blunt tips and lower blade longer than the upper blade, 16mm from pivot to tip, 105mm long.

**Castroviejo Corneal Section Scissors** 角膜剪

E3243 Right

E3244 Left



Blunt tips and lower blade 0.5mm longer than the upper blade, 9mm from pivot to tip, 105mm

**Castroviejo Curved Corneal Scissors 角膜移植剪**

E3260



Universal medium model with blunt tips,16mm from pivot to tip,116mm long

**Castroviejo Corneal Scissors 角膜剪**

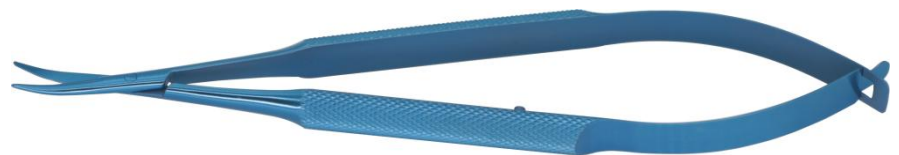
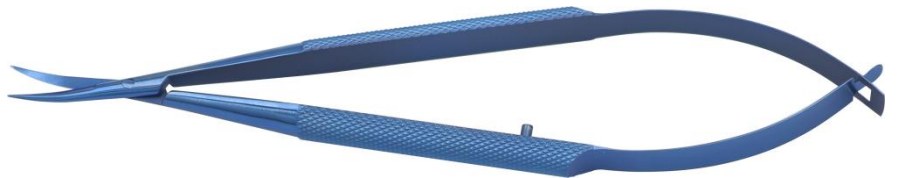
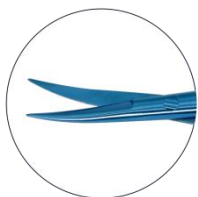
E3245



Curved blunt tips,small blades, 105mm long.

**Castroviejo Corneal Scissors 角膜剪**

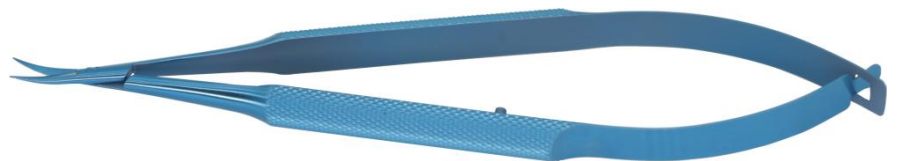
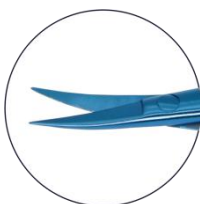
E3261 0.3mm tip\*  
E3261b 0.6mm tip\*



16mm from pivot to tip,Round handle,116mm long.

**Castroviejo Corneal Scissors 角膜剪**

E3262



Blunt tips,curved blades,11.0mm from pivot to tip,112mm long.

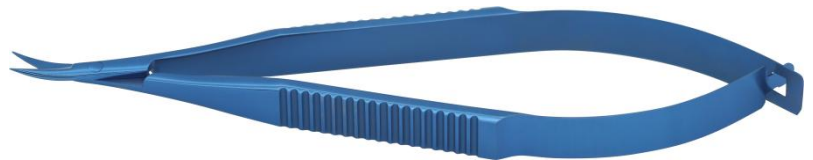
**Osher IOL Scissors 晶体剪****E3246****E3246S** Stainless steel

Stainless steel

To cut Silicone or Acrylic IOL in case of complications,10mm blades with serration to fixate the lens,Upper blade is fixed and lower blade is movable,Vertical handle,Overall length 95mm.

**Osher IOL Scissors 晶体剪****E3247**

To cut Silicone or Acrylic IOL in case of complications,10mm blades with serration to fixate the lens,Overall length 95mm.

**Castroviejo Curved Scissors 弯小梁剪****E3340**

Curved blunt tips, tip to pivot length 11.0mm,105mm long.

**Castroviejo Straight Scissors 直小梁剪****E3341**

Straight blunt tips, tip to pivot length 11.0mm,105mm long.

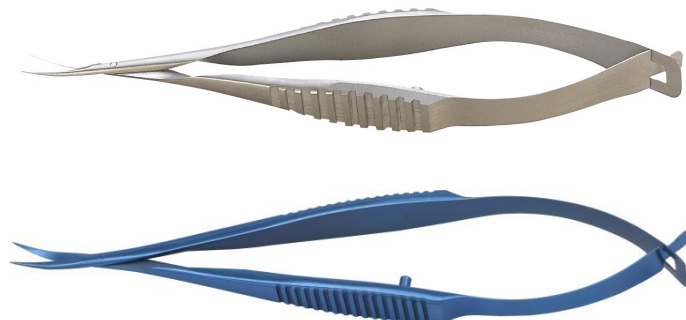


**Iris Scissors 直虹膜剪****E3420**

Sharp tips, straight blades, cutting length 4.0mm, blade length 11.0mm, 90mm long.

**Iris Scissors 弯虹膜剪****E3421**

Sharp tips, curved blades, cutting length 4.0mm, blade length 11.0mm, 90mm long.

**Iris Scissors 弯虹膜剪****E3422S** Stainless steel**E3422** Titanium

Sharp tips, curved blades, cutting length 4.0mm, blade length 11.0mm, 90mm long.

**Iris Scissors 弯虹膜剪****E3440****E3440S** Stainless steel

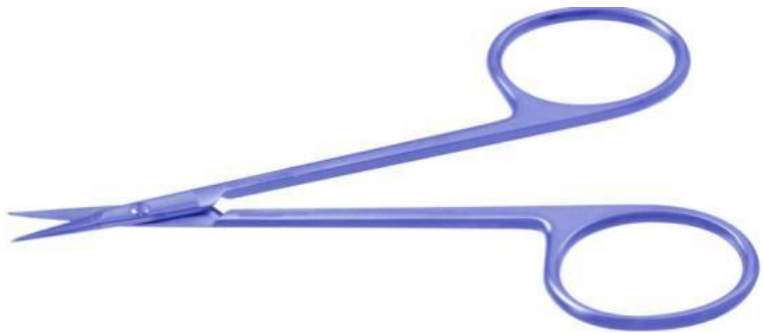
Sharp tips, curved blades, blade length 11.0mm, 105mm long.

**Iris Scissors 直虹膜剪****E3441**

Sharp tips, Straight blades, 11.0mm blades, 105mm long

**Iris Scissors 虹膜剪**

- E3442** Straight tips 18mm
- E3443** Curved tips 18mm
- E3444** Straight tips 25mm
- E3445** Curved tips 25mm
- E3446** Straight tips 28mm
- E3447** Curved tips 28mm



Iris scissors, Ring handle, Pointed tips. 18、25、28mm from mid-screw to tip, Overall length 98、105、108mm

**Vannas Curved Capsulotomy Scissors** 弯囊膜剪

E3530 10.5mm blades \*  
E3531 12.5mm blades \*



Sharp pointed tips, curved blades, 95mm long.

**Vannas Angled Capsulotomy Scissors** 角形囊膜剪

E3532 10.5mm blades\*  
E3533 12.5mm blades



Sharp pointed tips, angled blades, 95mm long.

**Vannas Straight Capsulotomy Scissors** 直囊膜剪

E3540 10.5mm blades\*  
E3541 12.5mm blades



Straight sharp pointed tips, straight blades, 108mm long.

**Vannas Curved Capsulotomy Scissors** 弯囊膜剪

E3542 10.5mm blades  
E3543 12.5mm blades\*



Curved sharp pointed tips, straight blades, 108mm long.

**Vannas Capsulotomy Scissors** 囊膜剪

E3544 16mm straight  
E3545 16mm curved\*



16mm sharp pointed tips, Overall length 108mm.

**Vannas Scissors 维纳斯直剪****E3610**

Sharp pointed tips. Straight 7.5mm blades, 9.5mm from pivot to tip, 82mm long.

**Vannas Scissors 维纳斯弯剪****E3611**

Sharp pointed tips. Curved 7.5mm blades, 9.5mm from pivot to tip, 82mm long.

**Vannas Scissors 角形维纳斯剪****E3615**

Sharp pointed tips. Angled 7.5mm blades, 9.5mm from pivot to tip, 82mm long.

**Vannas Scissors 维纳斯剪****E3612** Straight \***E3613** Curved**E3614** Angled

Sharp pointed tips. 3mm blades, 76mm long.

**Vannas Micro Scissors 维纳斯显微剪****E3619** Straight

Sharp pointed tips, 3mm blades, 76mm long.

**Vannas Micro Scissors、Micro Dissecting Scissors 维纳斯显微剪、解剖剪**

E3620



Sharp pointed tips,6mm cutting edge, 9cm long,Titanium

**Vannas Micro Scissors、Micro Dissecting Scissors 维纳斯显微剪、解剖剪**

E3621



Sharp pointed tips,10mm cutting edge, 9.4cm long,Titanium

**Vannas Micro Scissors 维纳斯显微剪**

E3619S Straight



Sharp pointed tips,3mm blades, 76mm long,stainless steel

**Vannas Micro Scissors、Micro Dissecting Scissors 维纳斯显微剪、解剖剪**

E3620S



Sharp pointed tips,6mm cutting edge,9cm long,stainless steel

**Vannas Micro Scissors、Micro Dissecting Scissors 维纳斯显微剪、解剖剪**

E3621S



Sharp pointed tips,10mm cutting edge, 9.4cm long,stainless steel

**Vannas Scissors** 维纳斯侧向角形剪

E3617



Side-angled 7.0mm blades, 9.0mm from pivot to tip, Overall length 82mm

**Vannas Scissors** 维纳斯直剪

E3640

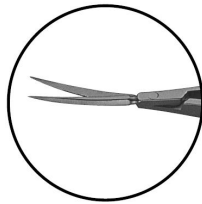


Extra thin 7mm long blades. Sharp points, 9.0mm from pivot to tip, 105mm long

**Vannas Intraocular Scissors** 维纳斯直剪

E3641 Straight

E3642 Curved\*



Extra thin blades, sharp points, from pivot to tip 15mm, 108mm long



**Mcperson-Westcott Stitch Scissors** 线剪

E3740



Very sharp pointed tips,10.5mm from pivot to tip,105mm long

**Westcott Stitch Scissors** 线剪

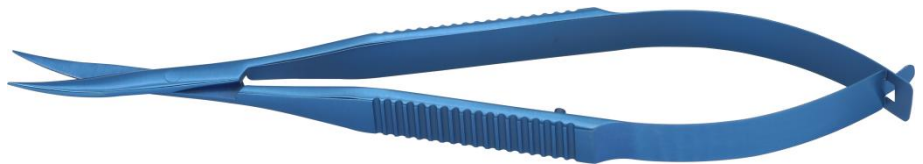
E3750



Very sharp pointed tips,19mm from pivot to tip,Flat serrated handle,115mm long

**Westcott Stitch Scissors** 线剪

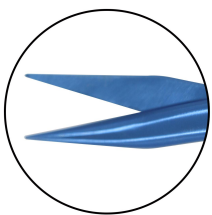
E3753



21mm from pivot to tip,Flat serrated handle,Overall length 120mm

**Westcott Stitch Scissors** 线剪

E3754



22mm from pivot to tip,Curved sharp tips,140mm long

**Mcperson-Westcott Stitch Scissors** 线剪

E3760 115mm



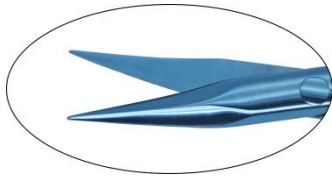
13mm from pivot to tip,Sharp pointed tips,Overall length 115mm

**Mcperson-Westcott Stitch Scissors** 线剪

E3761 140mm



13mm from pivot to tip, Sharp pointed tips, Overall length 140mm

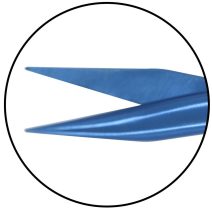
**Stitch Scissors** 线剪E3080 Straight  
E3081 Curved \*

Pointed tips, 30mm from pivot to tip, Ring handle, 100mm long

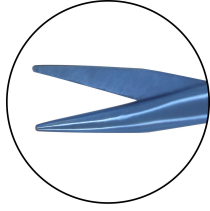
**Westcott Tenotomy Scissors 肌腱剪**

**E3751** 0.4mm pointed tips \*

**E3751B** 0.8mm blunt tips



pointed tips



blunt tips

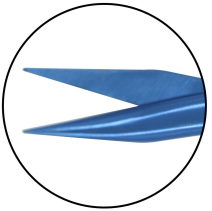


Curved blunt tips,21mm from pivot to tip,115mm long.

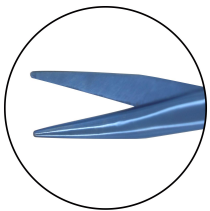
**Westcott Tenotomy Scissors 肌腱剪**

**E3752** 0.4mm pointed tips

**E3752B** 0.8mm blunt tips\*



pointed tips



blunt tips



Curved blunt tips,19mm from pivot to tip,115mm long.

**Utility Style Westcott Scissors 肌腱剪**

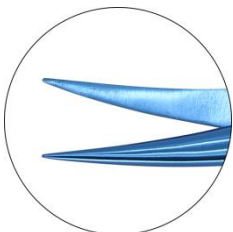
**E3755**



25mm from pivot to tip,Curved,0.4mm tips,130mm long

**Utility Style Westcott Scissors 肌腱剪**

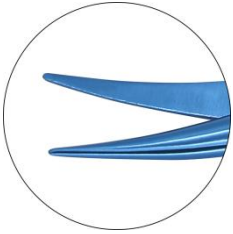
**E3756**



Westcott tenotomy scissors,23mm from pivot to tip,Curved,0.4mm tips,140mm long

**Utility Style Westcott Scissors 肌腱剪**

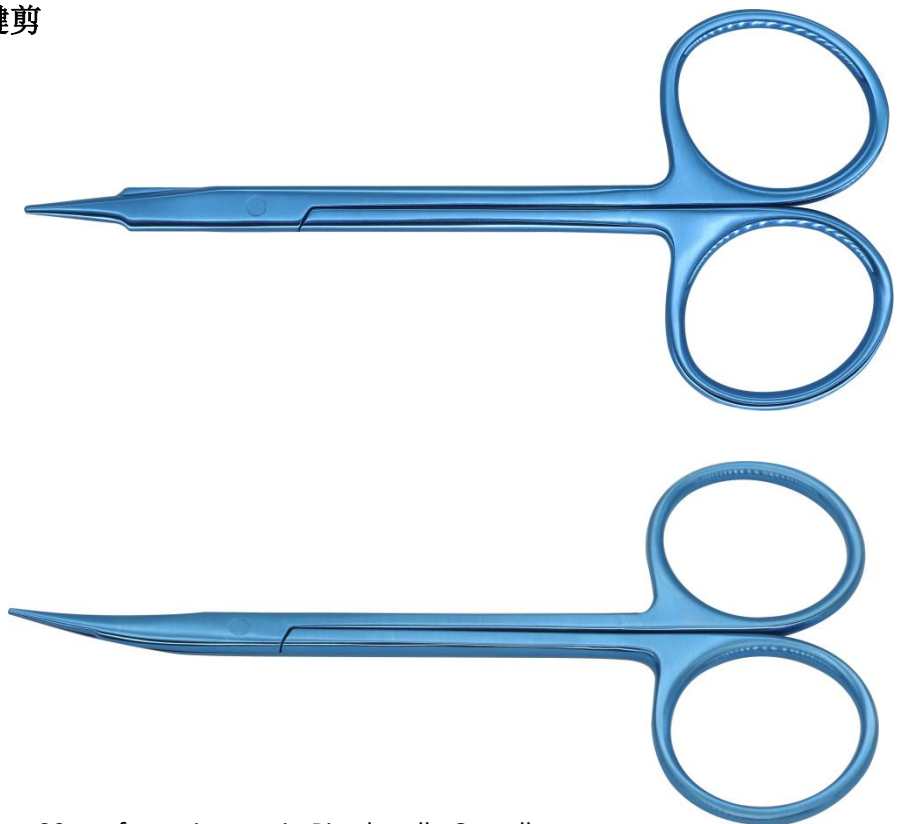
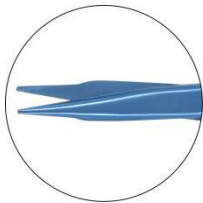
E3757



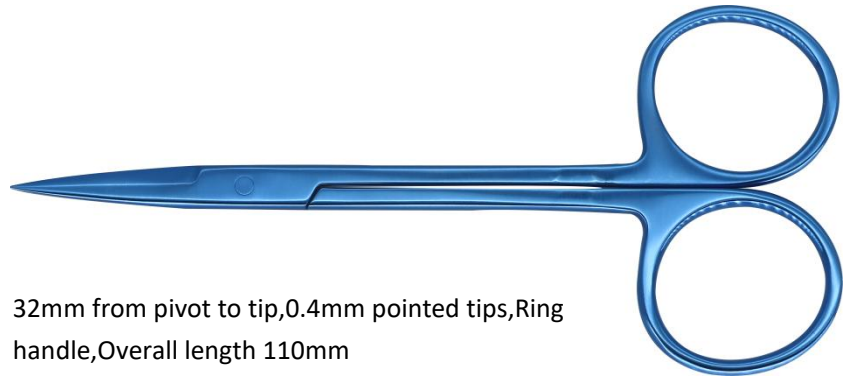
Westcott tenotomy scissors, 23mm from pivot to tip, Curved, 0.8mm blunt tips, 140mm long

**Stevens Tenotomy Scissors 肌腱剪**

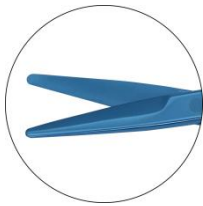
- E3083 straight, sharp tips\*
- E3084 curved, sharp tips \*
- E3085 straight, blunt tips
- E3086 curved, blunt tips



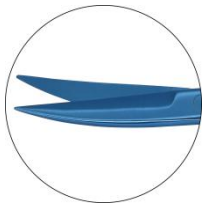
30mm from pivot to tip, Ring handle, Overall length 115mm

**Eye Straight Scissors 直眼用剪****E3070**

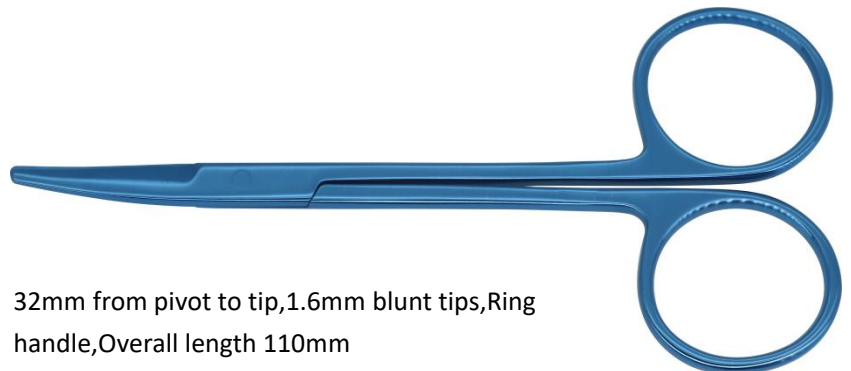
32mm from pivot to tip, 0.4mm pointed tips, Ring handle, Overall length 110mm

**Eye Straight Scissors 直眼用剪****E3070B**

32mm from pivot to tip, 1.6mm blunt tips, Ring handle, Overall length 110mm

**Eye Curved Scissors 弯眼用剪****E3071**

32mm from pivot to tip, 0.4mm pointed tips, Ring handle, Overall length 110mm

**Eye Curved Scissors 弯眼用剪****E3071B**

32mm from pivot to tip, 1.6mm blunt tips, Ring handle, Overall length 110mm

**Eye Scissors** 眼用剪**E3072B** Straight**E3073B** Curved\*

31mm from pivot to tip, 1.6mm blunt tips, Ring handle,  
115mm long

**Eye Plastic Scissors** 眼部整形用剪**E3087S** Straight**E3088S** Curved

23mm from pivot to tip, 0.4mm pointed tips, Ring  
handle, Stainless steel, 95mm long

**Eye Plastic Scissors** 眼部整形用剪**E3089S** Straight**E3090S** Curved

33mm from pivot to tip, blunt tips, Ring handle, Stainless  
steel, 125mm long

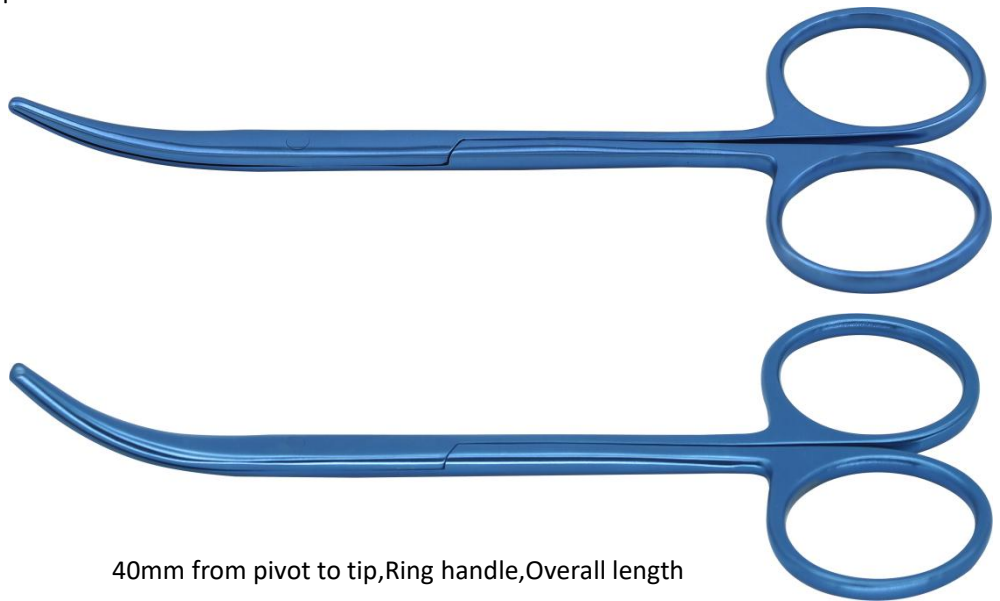
**Eye Plastic Scissors** 眼部整形用剪**E3091S** Straight**E3092S** Curved

40mm from pivot to tip, blunt tips, Ring handle, Stainless  
steel, 140mm long



**Enucleation Scissors** 眼球摘出剪、视神经剪

- E3075** medium curved \*
- E3075B** strong curved blunt tips\*
- E3076** strong curved



40mm from pivot to tip,Ring handle,Overall length 130mm

**Knapp Strabismus Scissors** 斜视剪

- E3077** Straight blunt tips \*
- E3078** Lightly Curved blunt tips
- E3079** Strongly Curved blunt tips



31mm from pivot to tip,Ring handle,Overall length 115mm

**Metzenbaum Scissors**

- E3082**



1.5mmx2mm rounded tips,43mm curved blades,115mm long

**Mcperson-Westcott Conjunctiva Scissors 结膜剪**

BE3140



Curved, blunt tips, Tip to pivot length 10.5mm, 105mm long

**Conjunctival Scissors 结膜剪**

BE3160



Gently curved blades, Tip to pivot length 12mm, Blunt tips, 115mm long

**Castroviejo Corneal Scissors 角膜剪**

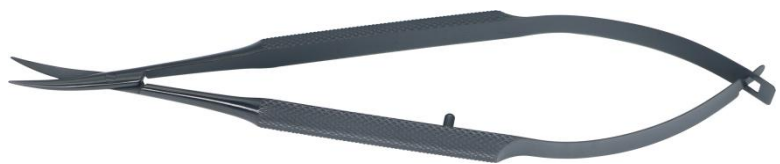
BE3245



Curved blunt tips, small blades, 105mm long

**Castroviejo Curved Corneal Scissors 角膜移植剪**

BE3260



Universal medium model with blunt tips, 16mm from pivot to tip, 116mm long

**Castroviejo Curved Scissors 弯小梁剪**

BE3340



Curved blunt tips, tip to pivot length 110mm, 105mm long

**Iris Scissors 直虹膜剪****BE3420**

Sharp tips, straight blades, cutting length 4.0mm, blade length 11.0mm, 90mm long

**Iris Scissors 弯虹膜剪****BE3440**

Sharp tips, curved blades, blade length 11.0mm, 105mm long

**Vannas Angled Capsulotomy Scissors 角形囊膜剪**

**BE3532** 10.5mm blades\*  
**BE3533** 12.5mm blades



Sharp pointed tips, angled blades, 95mm long

**Vannas Scissors 维纳斯弯剪****BE3611**

Sharp pointed tips, Curved 7.5mm blades, 9.5mm from pivot to tip, 82mm long

**Castroviejo Corneal Scissors 角膜剪**

**BE3261** 0.3mm tip\*  
**BE3261b** 0.6mm tip



16mm from pivot to tip, Round handle, 116mm long

**Vannas Scissors** 维纳斯直剪

BE3640



Extra thin 7mm long blades. Sharp points, 9.0mm from pivot to tip, 105mm long.

**Vannas Intraocular Scissors** 维纳斯直剪

BE3641 Straight

BE3642 Curved\*



Extra thin blades, sharp points, from pivot to tip 15mm, 108mm long.

**Westcott Tenotomy Scissors** 肌腱剪

BE3751 0.4mm pointed tips \*

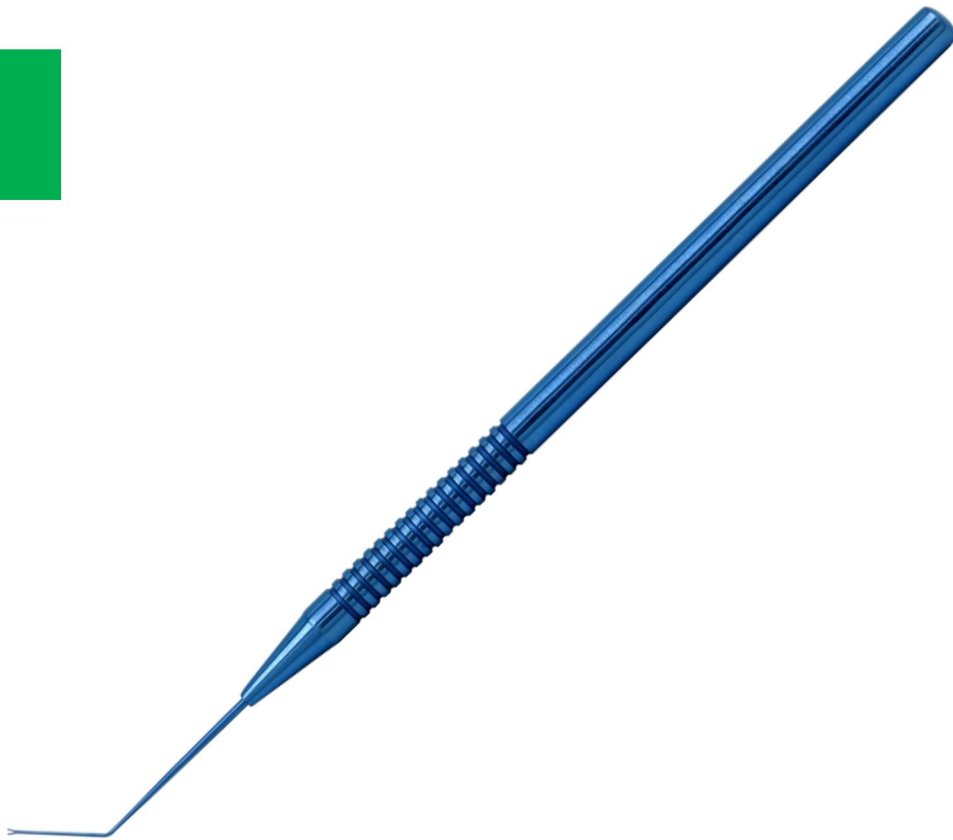
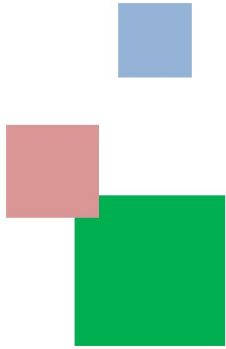
BE3751B 0.8mm blunt tips



Curved blunt tips, 21mm from pivot to tip, 115mm long.

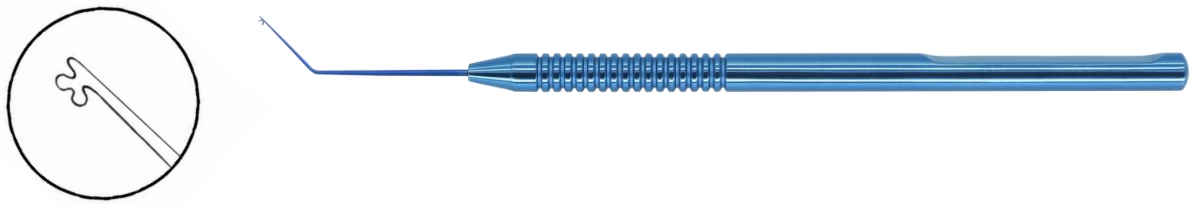
# Hooks   Spatula   Chopper Manipulator

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**Kuglen Iris Hook 虹膜钩**

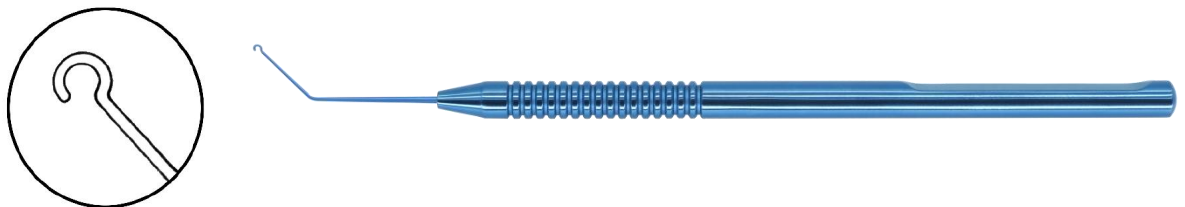
E4101



Iris hook and lens manipulator, 45° angled Shaft, 115mm long.

**Jaffe-Knolle Iris Hook 虹膜钩**

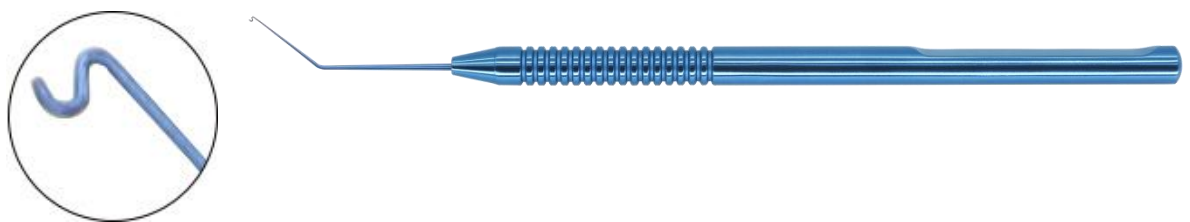
E4102



Iris hook, very blunt, small, angled Shaf.

**Kuglen Iris Hook 显微虹膜拉钩**

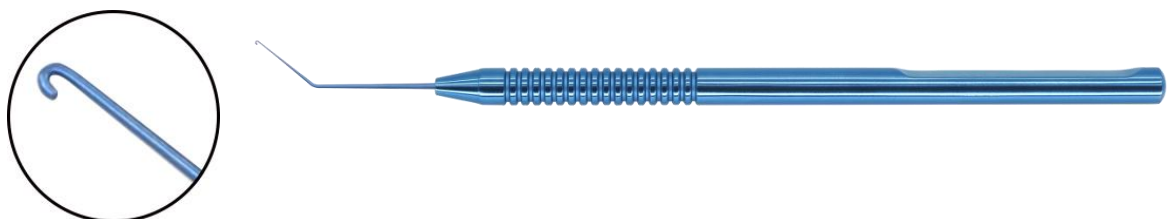
E4114



"S" shaped 0.5mm pointed hook, 120mm

**Kuglen Iris Hook 显微虹膜拉钩**

E4115

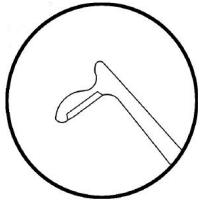


Kuglen Iris Hook, Curved 0.5mm hook, 120mm



**Fukasaku Small Pupil Snapper Hook 小瞳孔劈核钩**

E4103



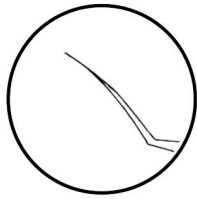
15

With a smoothly polished notch superiorly to push back the iris with sharp inner edge for splitting the nucleus.

**Synechia Spatula 虹膜恢复器**

E4104 0.5mm tip

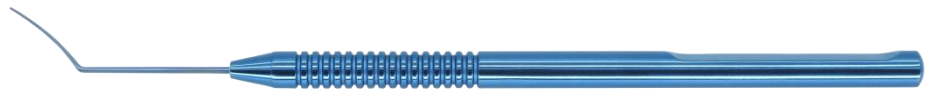
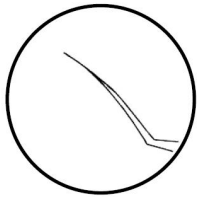
E4105 0.7mm tip\*



Angled 13mm, Semi-sharp tips, Overall length 120mm

**Synechia Spatula 虹膜恢复器**

E4112

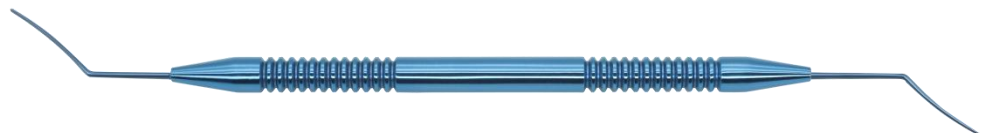
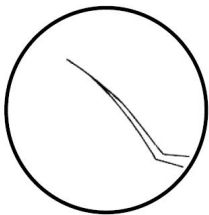


Angled 15mm, Semi-sharp tips, Smooth, 0.50mm wide, Overall length 122mm.

**Castroviejo Cyclodialysis/Synechia Spatula 双头虹膜恢复器**

E4113 0.50mm tips \*

E4118 0.25mm tips

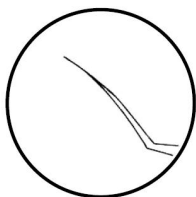


Angled 13mm and 15mm, Semi-sharp tips, Smooth, 0.50/0.25mm wide, Overall length 122mm.

**Synechia Spatula 双头虹膜恢复器**

E4106 0.5/1.2mm tip\*

E4106a 0.25/0.5mm tip



Synechia spatula, Semi-sharp tips, Double-ended, Overall length 126mm

**Lens Forceps for Femtosecond Laser** 飞秒激光透镜钳

E007



Lens Forceps for Femtosecond Laser, Curved textured tip, Tip size  $0.2 \times 0.15\text{mm}$ , Overall length 130mm

**Cornel Flap Separator** 角膜瓣分离器

E006



Cornel Flap Separator for Femtosecond Laser Surgery, Tip diameter 0.3mm, Overall length 110mm

**Lens Separator** 透镜分离器

E005



Lens Separator for Femosecond laser, Double tips, Left tip diameter 0.3mm, Right tip diameter 0.2mm, Overall length 125mm

**Iris Spatula** 虹膜铲

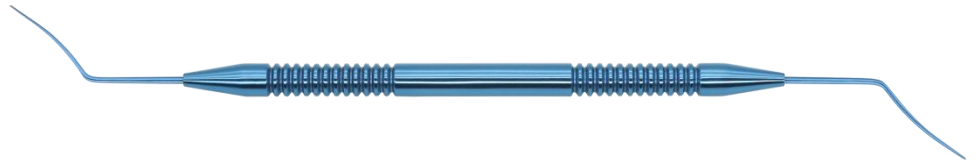
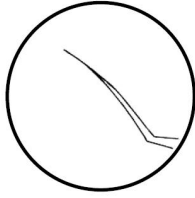
E004



Iris Spatula, Double tips, Eclipse tip size  $0.2 \times 0.4\text{mm}$ , Oblate tip size  $1.2 \times 0.5\text{mm}$ , Total length 128mm

**Synechiaie Spatula** 双头虹膜恢复器

E4119



Synechiaie spatula, Semi-sharp tips, Double-ended, 0.5/0.7mm wide, Overall length 126mm

**Synechiaie Spatula** 虹膜恢复器

E4107 1.2mm wide\*

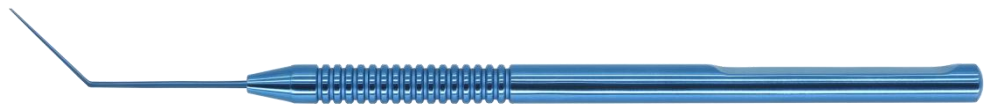
E4108 1.7mm wide



25mm long tip, Overall length 122mm

**Straight Spatula** 直头虹膜恢复器

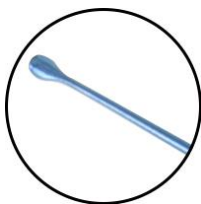
E4117



0.4mm wide, 14mm long, Overall length 128mm

**Gonio Spatula** 房角分离器

E4109



13mm from pivot to tip. overall length 115mm.

Capsule Polishers 囊膜抛光器

E4110



Outer Diameter 1.75mm

Capsule Polishers 囊膜抛光器

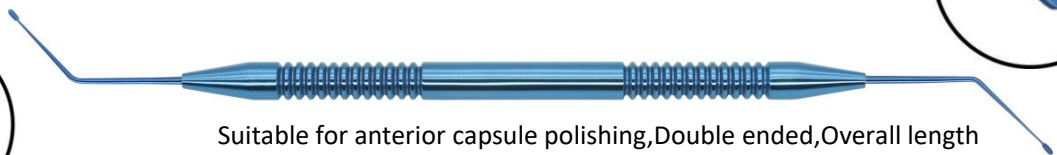
E4111



Double-ended, angled left and right rings, The two polish rings are of reverse direction, Outer Diameter 1.30mm, Overall length 130mm.

Capsule Polishers 囊膜抛光器

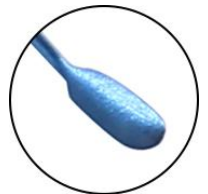
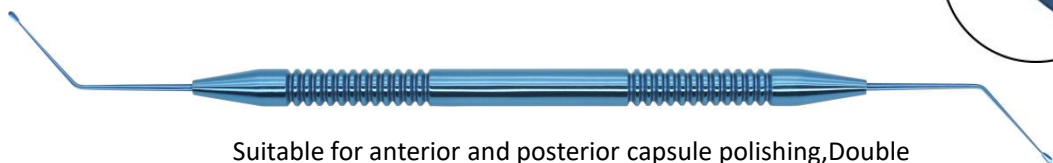
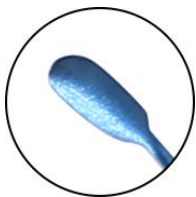
E4139



Suitable for anterior capsule polishing, Double ended, Overall length 130mm.

Capsule Polishers 囊膜抛光器

E4140



Suitable for anterior and posterior capsule polishing, Double ended, Overall length 130mm.

Capsule Polishers 双头囊膜抛光器

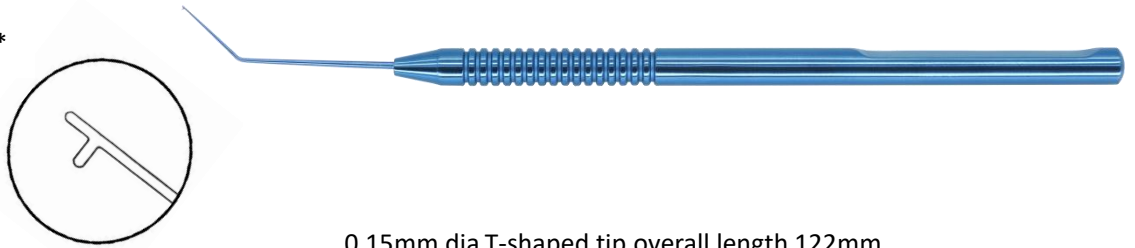
E4141



Suitable for anterior and posterior capsule polishing, Double ended, Overall length 135mm.

**Fenzel Lens Manipulating Hook** T形晶体调位钩

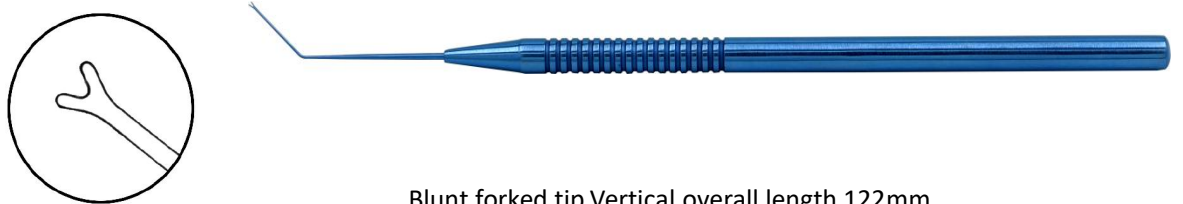
- E4201 15° angled
- E4202 45° angled \*



0.15mm dia,T-shaped tip,overall length 122mm

**Jaffe-Bechert Lens Nucleus Rotator** Y形晶体调位钩

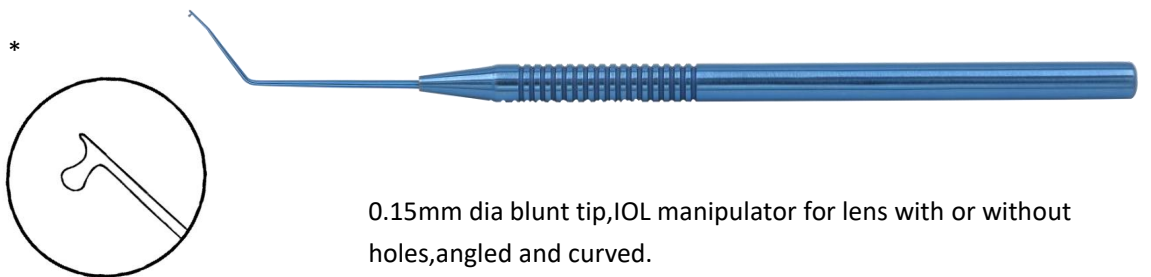
- E4203 Vertical \*
- E4223 Horizontal



Blunt forked tip,Vertical,overall length 122mm.

**Lester IOL Manipulator** 晶体调位钩

- E4204 15°angled
- E4205 45°angled \*



0.15mm dia blunt tip,IOL manipulator for lens with or without holes,angled and curved.

**Lester IOL Manipulator** 晶体调位钩

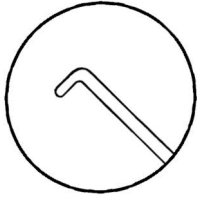
- E4229 Straight



0.15mm dia blunt tip,IOL manipulator for lens with or without holes,overall length 120mm.

**Sinsky Lens Manipulating Hook 晶体调位钩**

- E4206 15°angled
- E4207 45°angled \*



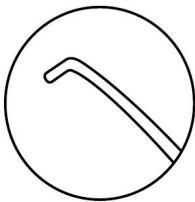
- E4219 Reverse



0.15mm dia blunt tip, overall length 120mm

**Lewicky Lens Manipulating Hook 晶体调位钩**

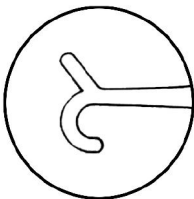
- E4208



0.15mm diameter blunt tip, angled to right on a curved shaft

**Rentsch Lens Manipulator 晶体调位多用钩**

- E4209



Iris/capsule retractor or pusher/manipulator for IOLs with and without ports

**Maltzman-Fenzl Lens Manipulator 晶体调位钩**

- E4210 45°angled \*
- E4226 Straight

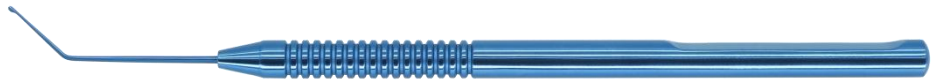
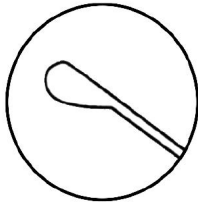


0.15mm dia. V-shaped tip, Angled Shaft.



**Drysdale Nucleus Manipulator** 晶体调位钩

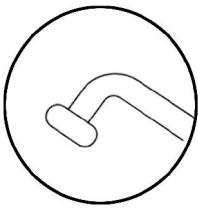
E4211



Paddle shaped tip.

**Botton Manipulator** 调位钩

E4212



Designed for iris retraction and capsule polishing,With roughened posterior surface,angled 45° shaft,10mm from tip to bend.

**Intracapsular Manipulator** 调位钩

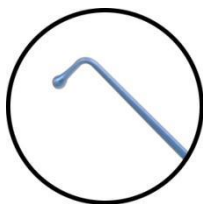
E4213



Designed to safely spin,chop and backcrack a nucleus using less phaco time,Designed for manipulating and sweeping nucleus fragments toward a phaco tip in the central safety zone for safe emulsification,with less stress to the zonules.

**Akahoshi Nucleus Stainer/manipulator** 调位钩

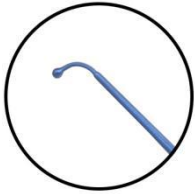
E4214



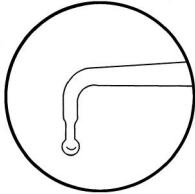
Designed to engage the nucleus equator to stabilize it and provide counter pressure while the prechopper forceps is being inserted into the nucleus core.

**Intracapsular Manipulator 调位钩**

E4215



E4216



Perfect for dialing intraocular lenses in and out of the bag, the wand is also used to provide counter traction in the paracentesis for improved fixation during construction of the phaco incision, capsulorhexis and lens delivery. Designed for manipulating and sweeping nucleus fragments toward a phaco tip in the central safety zone for safe emulsification, with less stress to the zonules, Overall length 115mm.

**Mushroom Manipulator 调位钩**

E4217



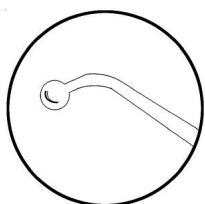
Designed for iris retraction and capsule polishing. With roughened posterior surface, Overall length 115mm.

**Kuglen Iris Hook and Lens Manipulator 调位钩**

E4218

**Akahoshi Prechopper manipulator 调位钩**

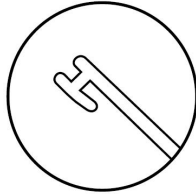
E4220



Akahoshi Prechopper manipulator, spherical tip, overall length 125mm

**Mackool Capsule Retrator 调位钩**

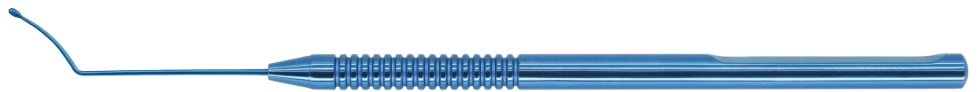
E4221



0.25mm tip,45angled shaft,Tip to angle length 13mm,overall length 115mm

**Bylsma IOL Manipulator 调位钩**

E4222



Bylsma ICL Manipulator,1x2mm oval tip,overall length 126mm

**Lieberman MicroFinger Nucleus Manipulator 调位钩**

E4224 for use in left hand \*

E4225 for use in right hand



1.6mm tip,overall length 120mm

**Battle ICL Manipulator 调位钩**

E4227



1.1mm tip,45 degrees angled, 115mm long. Manipulates inferior and superior haptic of lens to place under the iris,Posterior surface of instrument is micro sandblasted.

**Claw Phaco Chopper 碎核钩**

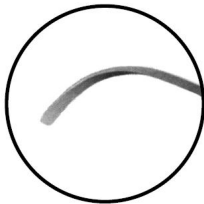
- E4301 Three cutter
- E4306 Inside cutter
- E4307 Left cutter \*



Special triple inner blades construction allows chopping in three directions. Special formed shaft, special rounded and highly polished distal tip, Overall length 115mm.

**Nealiann Nucleus Divider 核分切器**

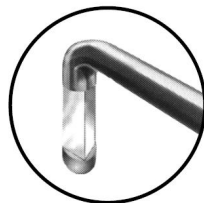
E4302



Strongly curved spatulated tip, Ambidextrous nucleus chopper

**Nichamin Phaco Chopper 碎核钩**

- E4303 Inside cutter\*
- E4304 Left cutter
- E4305 Right cutter



Ambidextrous nucleus chopper, tip 1.1mm long. Rounded and highly polished distal tip, Angled blade.

**Minami "M" Hook "M"钩**

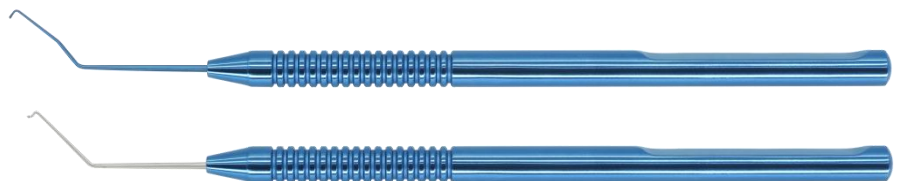
E4308



Chopper, Splitter, Dissector, Spatula, Rotator and Manipulator in one

**Gillum Nucleus Splitter 碎核器**

- E4309
- E4310



Ambidextrous nucleus chopper, tip 1.1mm long, Overall length 115mm

**Muculus Divider 核分离器**

E4311



Blunt tip, Tip length 11mm, overall length 120mm.

**Nichamin Phaco Chopper 碎核钩**

E4312 Inside cutter

E4313 Left cutter

E4314 Right cutter \*



Ambidextrous nucleus chopper, tip 1.8mm long, Rounded and highly polished distal tip

**Nagahara Phaco Chopper 碎核钩**

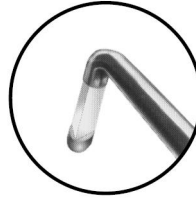
E4322 Inside cutter \*

E4324 Left cutter

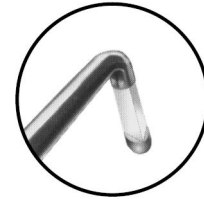
E4327 Right cutter



Inside cutter



Left cutter



Right cutter



Rounded and highly polished distal tip, Tip 1.6mm long

**Nagahara Phaco Chopper 碎核钩**

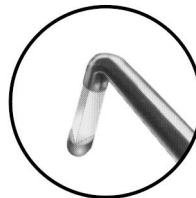
E4352 Inside cutter \*

E4353 Left cutter

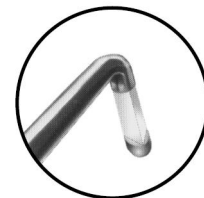
E4354 Right cutter



Inside cutter



Left cutter



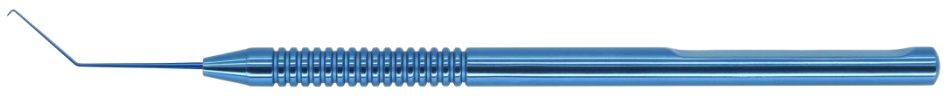
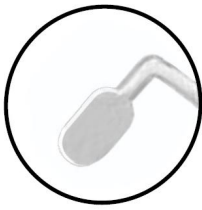
Right cutter



Rounded and highly polished distal tip, Tip 2.0mm long

**Nucleus Dividing & Separating Hook 核分离钩**

E4315



11mm from pivot to tip, Tip 1.1mm long, overall length 120mm.

**Haefliger Phaco Cleaver 碎核钩**

E4316



Chopper and manipulator in one

**Phaco Chopper 碎核钩**

E4317 Left cutter \*  
E4317R Right cutter



Left cutter

Right cutter



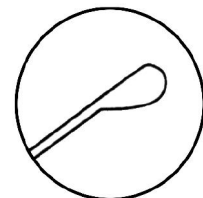
Special inner blade is offset 45°, rounded distal tip is highly polished, unique elongated distal segment.

**Phaco Chopper 碎核钩**

E4320



Paddle manipulator / 60° Phaco chopper

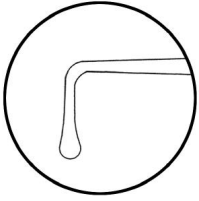
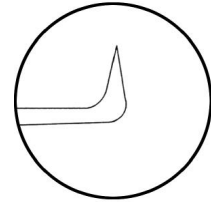




**Modified microfinger phaco chopper&quick chopper 碎核钩**

**E4321**

**E4321 ST** Stainless steel tips

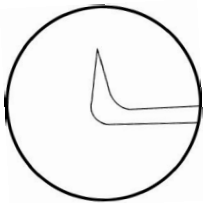


With Lieberman Micro finger for nucleus manipulation and phaco chopping. With a defined inferior edge for efficient dividing of soft nucleus,The“Quick chop”has a sharp point to easily penetrate and split a hard nucleus,Double ended for vertical and horizontal phaco chopping.

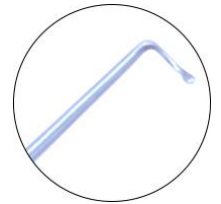
**Micro Finger & Quick Chopper 碎核钩**

**E4350 R** Right (Used for the left hand)

**E4350 L** Left (Used for the right hand)



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 130 mm,Stainless steel tips



Right

**Phaco Chopper 碎核钩**

**E4323**



Rounded and highly polished distal 1.6mm tip,Right cutter 45° / Nucleus dividing & separating hook,Double ended



Phaco Chopper 碎核钩

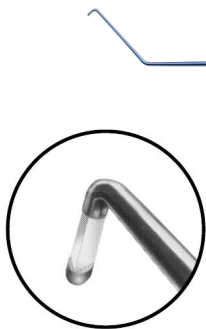
E4331



Bail tip, 0.7mm inferior wedge, 11mm from pivot to tip, overall length 126mm

Phaco Chopper 碎核钩

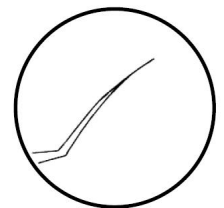
E4332



Rounded and highly polished distal 1.6mm tip, /Mushroom Nucleus Manipulator, Angled, Double ended

Spatula & Nucleus Dividing & Separating Hook 双头辅助钩

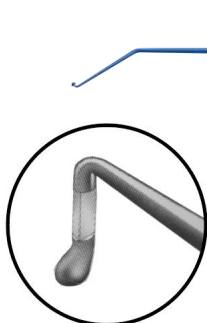
E4333



Synechia spatula, Semi-sharp tips / Nucleus Dividing & Separating Hook, 11mm from pivot to tip, overall length 123mm

Mushroom Manipulator & phaco chopper combined 双头辅助钩

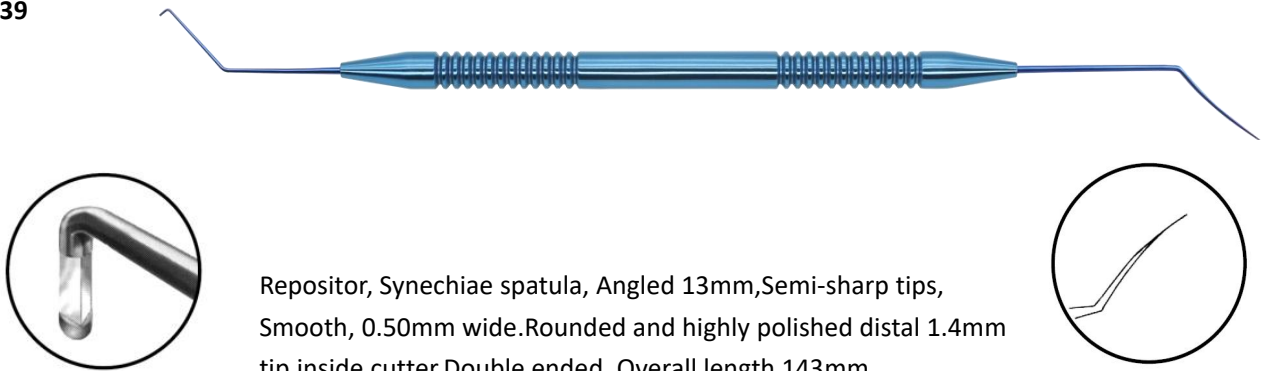
E4338



Mushroom Manipulator & phaco-chopper combined, Double ended, Overall length 130mm

**Mushroom Manipulator&phaco chopper combined 双头辅助钩**

E4339



Repositor, Synechia spatula, Angled 13mm, Semi-sharp tips, Smooth, 0.50mm wide. Rounded and highly polished distal 1.4mm tip, inside cutter, Double ended, Overall length 143mm

**Quick Chopper**

E4340 1.3mm tip  
E4340a 1.1mm tip



Designed to quickly and easily chop all grades of nuclei, overall length 120mm

**Synechia spatula & Micro Finger Chopper 双头辅助钩**

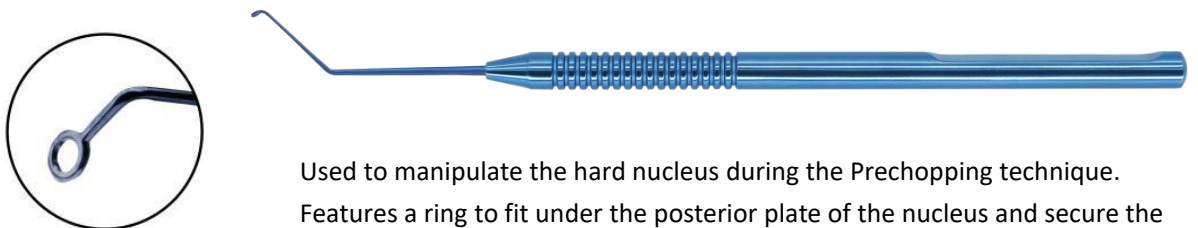
E4341S Stainless steel



Repositor, Synechia spatula, Angled 13mm, Semi-sharp tips, Smooth, 0.40mm wide. Double ended, Stainless steel, Overall length 135mm.

**Akahoshi Nucleus Ring Sustainer 环形辅助钩**

E4342



Used to manipulate the hard nucleus during the Prechopping technique. Features a ring to fit under the posterior plate of the nucleus and secure the lens. Instrument is designed for maximum protection of the posterior capsule, Delicate 1mm ring tip, Overall length 120mm.

**Cartridge Loaforceps**

E4343ST Stainless steel tips



Most versatile second hand instrument that can be used as a divider, dissector, manipulator and protector. Smooth round tip does not damage posterior capsule, Stainless steel tips, Overall length 115mm.

**Rosen Phaco Chopper 劈核钩**

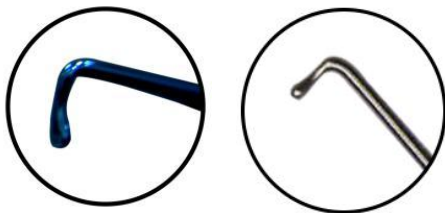
E4344



45° angled, wedge shaped inferior edge, 1.2mm blunt tip, Overall length 120mm

**Micro Finger Chopper 碎核钩**

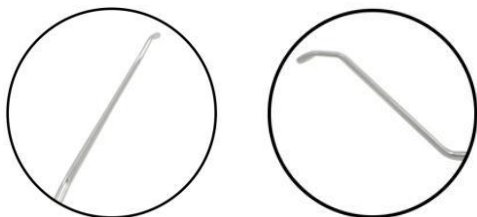
E4346ST Stainless steel tips



Stainless steel tip, Overall length 110mm

**Dr. Zhao "M" Hook 赵俊宏主任一劈核钩**

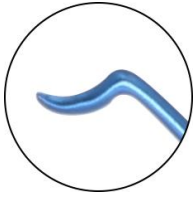
E4348ST Stainless steel tips



Chopper, Splitter, Dissector, Spatula, Rotator and Manipulator in one, Overall length 116mm.

Jacobovitz chopper 小斧子劈核钩

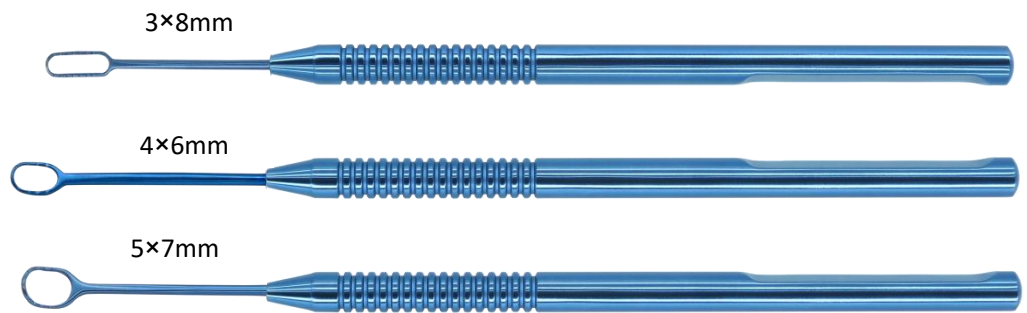
E4349



used for horizontal and vertical splitting

**Kansas Lens Loops** 晶体线环

- E4401 3×8mm
- E4402 4×6mm
- E4403 5×7mm
- E4408 3×12mm
- E4409 3×9.5mm



Serrated, For small incision nucleus fragment removal

**Kansas Lens Loop** 晶体线环

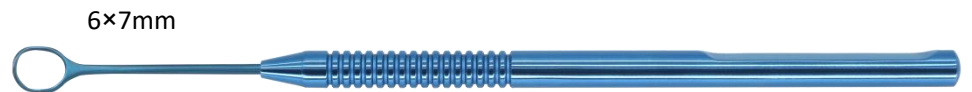
E4411



3×14mm wide, Serrated, for small incision nucleus fragment removal, 130mm

**Lewis Lens Loop, smooth** 晶体线环, 光滑面

E4412

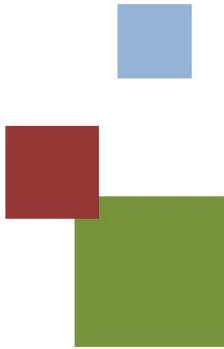


6mm wide 7mm long loop, smooth, overall length 124mm



# I/A Handpieces

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**I/A Cannulae coaxial with silicone sleeve 同轴灌注抽吸手柄**

Round handle diameter 8.0mm, Standard luer connectors, MTP Silicone Sleeves

Include: **Head、 handle and Silicone Sleeve**

Overall length 135mm

0.3mm asp. Port

Special specifications can be provided

**Straight tip**

**E6010** 23G

**E6013** 21G

**E6016** 20G

**E6019** 19G

**Curved tip**

**E6011** 23G

**E6014** 21G

**E6017** 20G

**E6020** 19G

**Angled tip**

**E6012** 23G

**E6015** 21G

**E6018** 20G

**E6021** 19G

**Handle of I/A Handpiece**

**E6000** without tips



Round handle, without tips, Standard connectors, Titanium, Overall length 115mm

**I/A Cannulae coaxial with silicone sleeve 同轴灌注抽吸手柄**

Round handle diameter 8.0mm, Standard luer connectors, MTP

Silicone Sleeves

Include: Head、handle and Silicone Sleeve

Overall length 135mm

0.3mm asp. Port

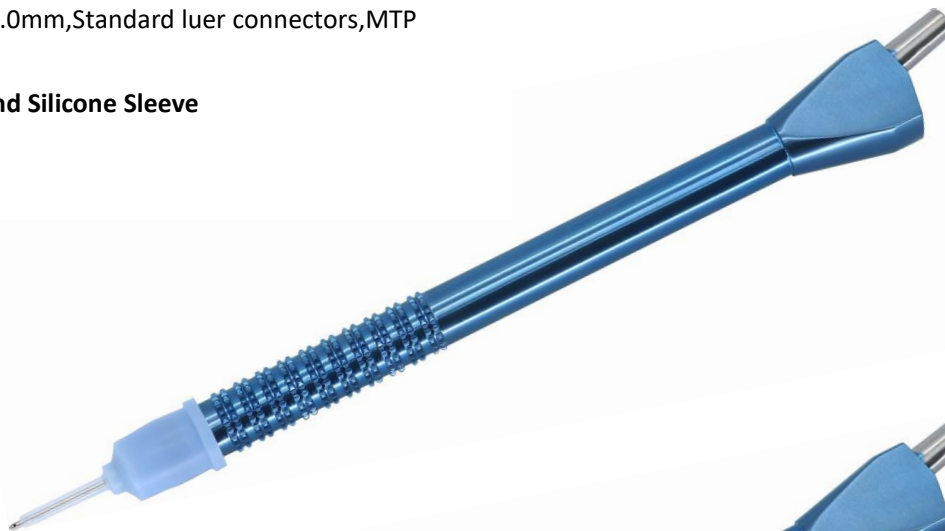
Straight tip

**E6010E** 23G

**E6013E** 21G

**E6016E** 20G

**E6019E** 19G



Curved tip

**E6011E** 23G

**E6014E** 21G

**E6017E** 20G

**E6020E** 19G



Angled tip

**E6012E** 23G

**E6015E** 21G

**E6018E** 20G

**E6021E** 19G

**Handle of I/A Handpiece**

**E6000E** without tips



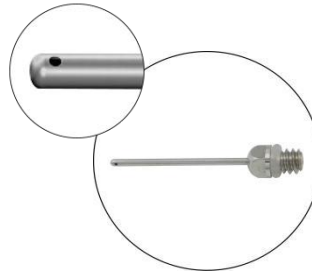
Round handle, without tips, Standard connectors, Titanium, Overall length 115mm

**Tips for Irrigation / Aspiration Handpiece 同轴灌注手柄针头**

Stainless steel

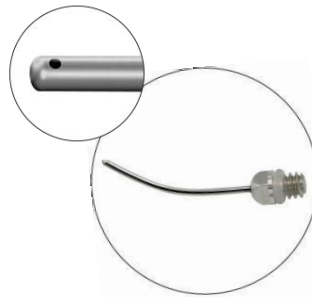
Straight tip, 0.3mm asp. Port

- E6010T** 23G
- E6013T** 21G
- E6016T** 20G
- E6019T** 19G



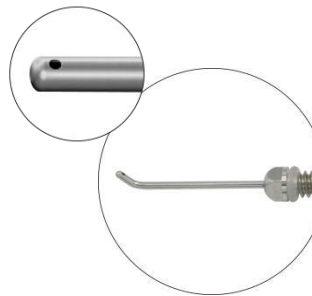
Curved tip, 0.3mm asp. Port

- E6011T** 23G
- E6014T** 21G
- E6017T** 20G
- E6020T** 19G



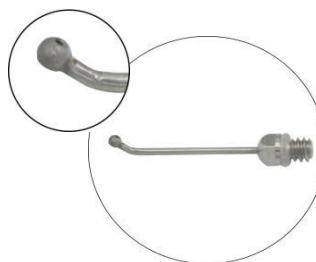
Angled tip, 0.3mm asp. Port

- E6012T** 23G
- E6015T** 21G
- E6018T** 20G
- E6021T** 19G

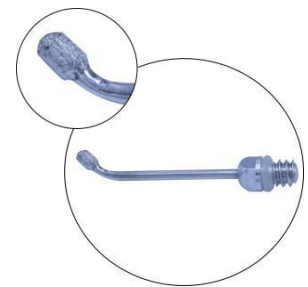


Polished tip, 0.3mm asp. Port

- E6022T** 21G, Angled ball tip
  - E6023T** 19G, Angled olivary tip
- Akahoshi ball bent tip with sandblasting, Polished ball tip is safe and atraumatic for the capsular bag, No need to enlarge the incision, Angled capsule polisher tip.



**E6022T** Polished ball tip



**E6023T** Polished olivary tip

**I/A Handpiece for Coaxial Phaco 同轴灌注抽吸手柄**

Diameter 7.5mm ergonomic handle for comfort, Standard luer connectors,  
It will be compatible with Alcon IA Handpiece.

Include: Head、 handle and Silicone Sleeve

Overall length 135mm

Straight/curved/angled IA tips can be selected,

Special specifications can be provided

## Straight tip

**E6010A** 23G

**E6013A** 21G

**E6016A** 20G

**E6019A** 19G

## Angled tip

**E6012A** 23G

**E6015A** 21G

**E6018A** 20G

**E6021A** 19G



Standard luer connectors

compatible with Alcon IA Handpiece.

**Silicone Sleeves MTP 蓝袖套**

**E6001**

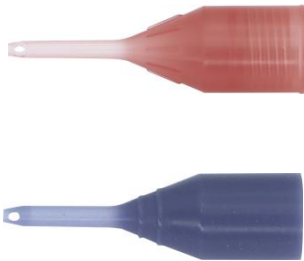


Blue silicone sleeves is suitable for 2.8mm incision, 10 pieces in one package (price for one piece)

**Sleeve in silicone**

**E6110** Red

**E6111** Purple



Sleeve in silicone, It will be compatible with Alcon IA Handpiece. Red is suitable for 2.2mm incision, Purple is suitable for 2.8mm incision



**Wrench for Tips 扳手**

E6002 2.8mm

E6004 4.0mm



Wrench for Aspiration Tips, Work mouth wide 2.8mm, 4.0mm, Overall length 48mm

**Wrench for Tips 扳手**

E6003



Wrench for ALCON Aspiration Tips, Work mouth wide 2.8\*2.8mm, Overall length 31.5mm

**Wrench for Tips 扳手**

E6005 2.8/4.0mm



Wrench for Aspiration Tips, double-end, Work mouth wide 2.8 & 4.0mm, Overall length 48mm

**Wrench for IA Aspiration**

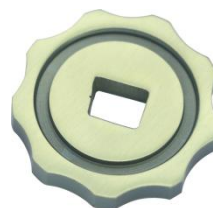
E6006



Wrench for IA Aspiration, compatible with Alcon IA tips, 2.8\*2.8mm

**Wrench for IA Aspiration**

E6007



Wrench for ASOL Irrigation Handpiece For Bimanual Technique, 5.0\*4.2mm

**Irrigation Handpiece For Bimanual Technique 双手灌注抽吸手柄 (注)**

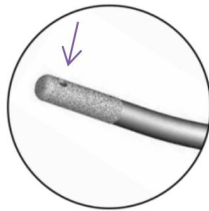
- E6026 i 23G(0.6mm) 0.35 ports
- E6027 i 21G(0.8mm) 0.35 ports
- E6028 i 21G(0.8mm) 0.50 ports
- E6029 i 20G(0.9mm) 0.35 ports



Dual side ports,curved tip,Standard connector,Ergonomic handle for comfort, Titanium handle&Stainless tip,Overall length 100mm,Blue is Irrigation

**Aspiration Handpiece For Bimanual Technique 双手灌注抽吸手柄 (吸)**

- E6026A 23G(0.6mm) 0.35 port
- E6027A 21G(0.8mm) 0.35 port
- E6028A 21G(0.8mm) 0.50 port
- E6029A 20G(0.9mm) 0.35 port
- E6030A 19G(1.0mm) 0.35 port



One top port,curved tip,Standard connector,Ergonomic handle for comfort,Titanium handle&Stainless tip,Sandblasted capsule polisher,Overall length 100mm,Yellow is Aspiration

**Irrigation Cannula Handpiece 冲洗手柄**

E6042



Irrigation cannula handpiece,male / female connectors,Luer connector fits all cannula hubs and female luer taper accepts /Atubing connectors and irrigation ines,7.0mm ergonomic handle for comfort,Overall Length 98mm,Titanium

**Female/male Cleaning Adapter 母/公冲洗接头**

E6044



For ultrasonic handpieces (irrigation connector) Luer female / male,Overall length 19 mm,Titanium

**Female/female Aspiration Adapter** 母/母冲洗接头

E6046



For cleaning I/A handpieces, Luer Lock, female / female, Overall Length 18mm, Titanium

**Aspirating Or Irrigating Handpiece** 冲洗手柄

E6043



Aspiration cannula handpiece, male / male connectors, Luer connector fits all cannula hubs, can also be used for automated phaco aspiration to prevent Argentinian flag sign with intumescent white cataracts, With this handpiece, 27G needle could be connected to phaco machine for aspiration. That is the Dr. Valentine Apostolov's automated needle cortex aspiration technique for intumescent cataract, 7.0mm ergonomic handle for comfort, Overall Length 98mm, Titanium

**Male To Male Cannula Adapter** 公/公转换接头

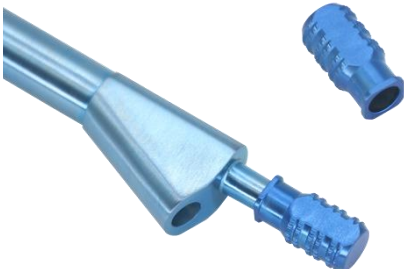
E6045



Needle aspiration line connector, Male luer adapter for connecting aspiration cannulas to aspiration tubing, Luer slip fittings connect instrument to tubing. Especially useful for bimanual I&A to connect cannula to I&A tubing, for automated phaco aspiration of lens milk in intumescent white cataract, Luer male-male and prevention for Argentinian flag sign, overall length 23mm, Titanium.

**Male Luer Lock Cap** I/A 手柄公接头封堵帽

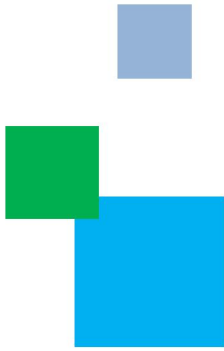
E6050



Luer male lock cap to seal the aspiration port of the coaxial IA handpiece for bimanual IA with uniaxial handpiece and 19-23G aspiration handpiece (see E6026A-E6030A), Overall length 14mm, Titanium

## Oculoplastic And Muscle Instruments

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## Oculoplastic And Muscle Instruments •

### Gass Retinal Detachment Hook 斜视钩

E4505



With 1.5mm oval hole. Flattened 12mm

### Wright Grooved Hook 带槽斜视钩

E4506R

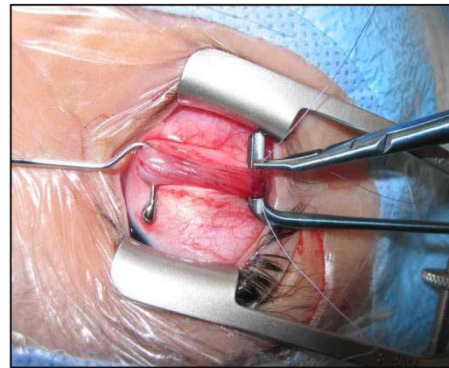
E4506L



Right

Left

Working part 2.0 mm dia,10.5mm long with a groove,One left and right,Overall length 130mm.



### Helveston Teaser Hook 括抹钩

E4507



Working part 0.6mm dia , angled 6mm,Overall length 120mm

### Retinal Detachment Hook 斜视钩

E4508



Angled 8mm,Overall length 130mm

### Retinal Detachment Hook 斜视钩

E4509



Angled 10mm,Overall length 130mm

## Oculoplastic And Muscle Instruments •

### Retinal Detachment Hook 斜视钩

E4510



Angled 12mm, Overall length 130mm

### Retinal Detachment Hook 探测钩

E4511



Angled 12mm, Lightly angled cone shaped tip

### Retinal Detachment Hook 探测钩

E4512



Angled 14mm, Lightly angled cone shaped tip

### Von Graefel Strabismus Hook 斜视钩

E4513



Angled 13mm, 0.8mm Dia, Overall length 120mm

### Von Graefe Strabismus Hook 斜视钩

E4514



Angled 13mm, 2.0mm Dia, Overall length 120mm



## Oculoplastic And Muscle Instruments •

### Wright double hook 双头斜视钩

E4515



Angled 10mm, Overall length 140 mm

### Green Strabismus Hook 斜视钩

E4516



Flat 7mm wide hook. 130mm long

### Helveston Tissue Retractors 牵开器

E9250a "Barbie" 7mm \*

E9250b "Big Barbie" 9mm

E9250c "Great Big Barbie" 11mm  
Wide concave blade



### Helveston Scleral Marking Ruler 巩膜标尺

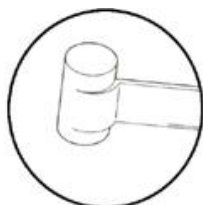
E9251



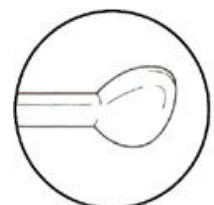
15mm long, with notches in 5mm increments single marking tooth at tip. For measuring and marking the distance from the limbus to the location of the muscle reinsertion.

### Schocket Double Ended Scleral Depressor 巩膜定位器

E9252



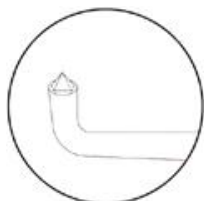
Double-end depressor and marker. Round end designed for depressing sclera and curved marking end for reaching behind the globe. 6mm wide bar and 2.5mm tear drop shape tips.



## Oculoplastic And Muscle Instruments •

### Errets-Zavalia sclera marker 巩膜定位器

E9253



Press and mark surface of sclera, blunt tips, Overall length 120 mm

### Cautery 止血器

E9254



5×7mm oval ball, With 6mm long point, Overall length 130mm.

### Schepens Orbital Retractor 眼球摘出匙

E9255



14.0mm x 57.0mm blade, smooth with notched end, 4.5mm wide notch, 150mm long

### Wells Enucleation Spoon 眼球摘出匙

E9256



21mm wide, curved spoon with 5mm by 10mm notch, 147mm

### Arruga Globe Retractor 眼深部拉钩

E9257



8mm wide x 25mm triangular blade

## Oculoplastic And Muscle Instruments •

### Arruga Globe Retractor 眼深部拉钩

E9258



8.5mm wide x 18.5mm flat retractor blade

### Freer Periosteal Elevator 双头巩膜剥离器

E9259



Periosteal Elevator one end blunt other end semi-sharp 4.0 mm wide blades, 185mm long.

### FLYNN Scleral Depressor

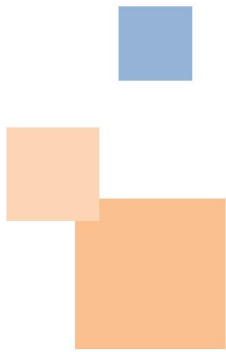
E9262



Lens loop style tip excellent for depressing pediatric sclera, Flat serrated handle. Polished finish. Overall length 80mm.

# Fixation Ring

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**Hofman-Thornton Fixation Ring** 眼球固定环

E4601



Swivel head, 16mm diameter, Overall length 136 mm

**Fine/Thornton Fixation Ring** 眼球固定环

E4602 13mm/11mm cut out\*

E4603 16mm/14mm cut out



Overall length 130 mm

**Fine Fixation Ring** 眼球固定环

E4604



Swivel head, 13mm/9mm cut out. With blunt teeth on both side, Overall length 130 mm

**Fine Fixation Ring** 眼球固定环

E4605 16mm \*

E4606 16mm/14mm cut out



Fixed head, 16mm diameter, Overall length 125 mm

**Fine/Thornton Fixation Ring** 眼球固定环

E4607a

E4607



E4607a

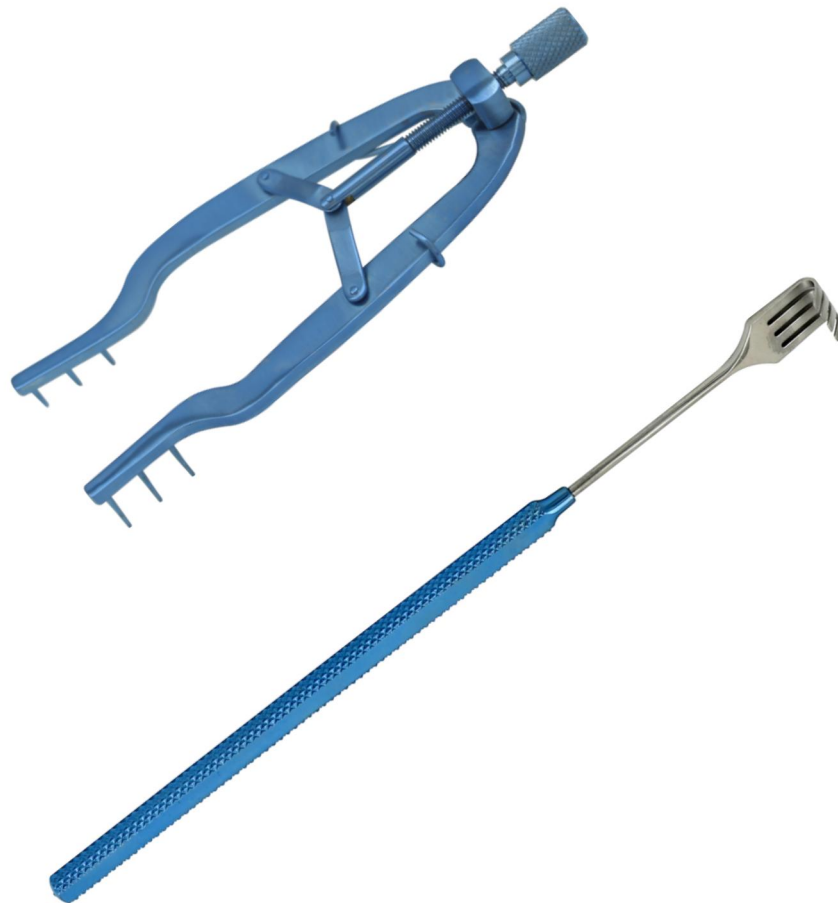
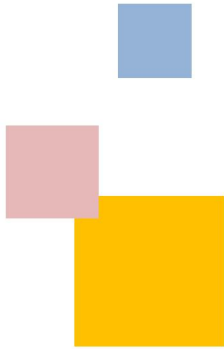


E4607

Swivel head, 13mm/7mm cut out, With blunt teeth on one side, A&amp;B two different length handles, Overall length 116/130mm

# Lacrimal Instruments

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## Beyer Pigtail Probe 猪尾探针

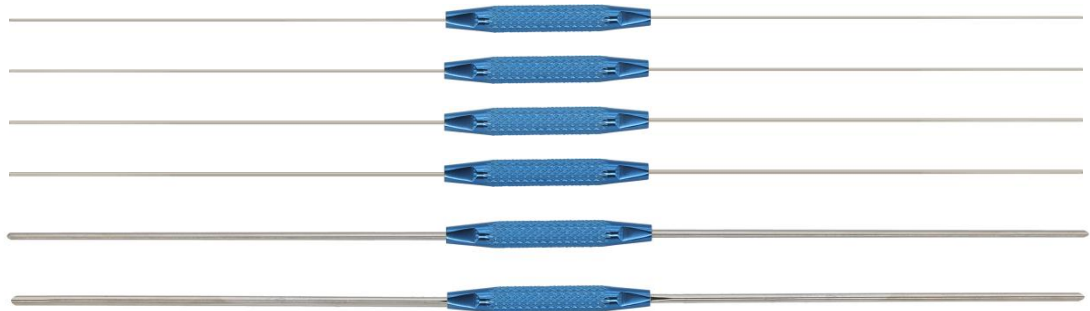
- E4901-6 23G \*
- E4901-7 22G
- E4901-8 21G
- E4901-9 20G



Double-ended, Diameter 0.6mm, 0.7mm, 0.8mm, 0.9mm, 1.6mm diameter pigtail curved probes with suture eyes just back of blunt ends, 120mm long.

## Bowman Lacrimal Probes 泪道探针

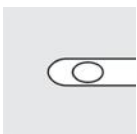
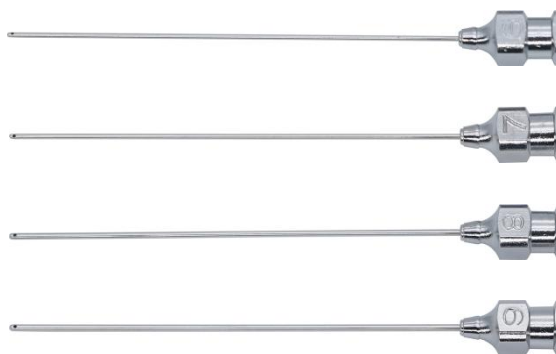
- E4902 one set of six
- E4902a 0000/000
- E4902b 00/0
- E4902c 1/2
- E4902d 3/4
- E4902e 5/6
- E4902f 7/8



One sets of 6 Specifications, Overall length 141mm long

## Lacrimal Probes Cannula 冲洗式泪道探针

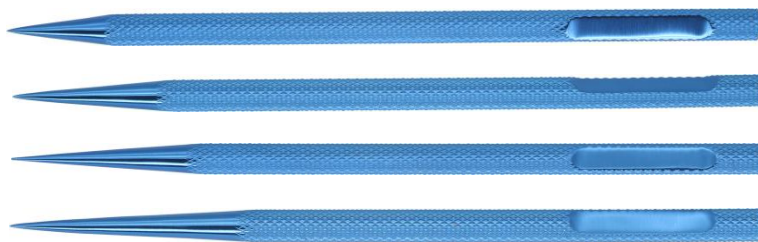
- E8063 one set of four
- E8063-6 23G
- E8063-7 22G
- E8063-8 21G
- E8063-9 20G



Straight, 0.6 mm side port, Cannula 60mm long

## Lacrimal Dilator 泪点扩张器

- E4903-14** 14mm tip\*
- E4903-20** 20mm tip
- E4903-24** 24mm tip
- E4903-32** 32mm tip



Single tip, Overall length 100mm

## Lacrimal Dilator 泪点扩张器

- E4904a** 16mm/20mm tip
- E4904b** 24mm/32mm tip



Double tip, a :16mm/20mm tip, b:24mm/32mm tip, Overall length 100mm

## Meyerhoeffer Chalazion Curette 刮勺、刮匙

- E4905a** 1.0mm
- E4905b** 1.5mm
- E4905c** 2.0mm
- E4905d** 2.5mm



Single tip, Diameter:  
a:1.0mm, b:1.5mm, c:2.0mm, d:2.5mm, Overall length 110mm.

- E4906a** 1.0/2.0mm
- E4906b** 2.0/3.0mm
- E4906c** 2.5/3.5mm



Double-ended, Diameter : a:1.0/2.0mm, b:2.0/3.0mm,  
c:2.5/3.5mm, Overall length 130mm.

## Lacrimal Instruments •

### Desmarres Lid Retractor 眼睑拉钩

- E4908a 8mm
- E4908b 11mm
- E4908c 13mm
- E4908d 15mm
- E4908e 17mm
- E4908f 19mm



in solid blades, Six different widths

### Knapp Lacrimal Retractor 泪囊拉钩(钝头)

E4910



4 blunt prongs, Overall length 140mm.

### Knapp Lacrimal Retractor 泪囊拉钩(尖头)

E4911



4 sharp prongs, Overall length 140mm.

### Lacrimal Sac Retractors 泪囊牵开器

E4912



Curved 3mmx 3mm teeth, Blades separated 25 mm, Screw opening, Overall length 83mm.

### Punctal Plug Forceps 泪点栓镊

E1058



Overall length 120mm.

## Lacrimal Instruments •

### Lid Plate 眼睑板

E4909



22mm and 24mm wide, Overall length 110mm, Titanium /Stainless steel.

### Scleral Shield 眼盾

E4921 24×16mm, small

E4922 26×19.5mm, middle

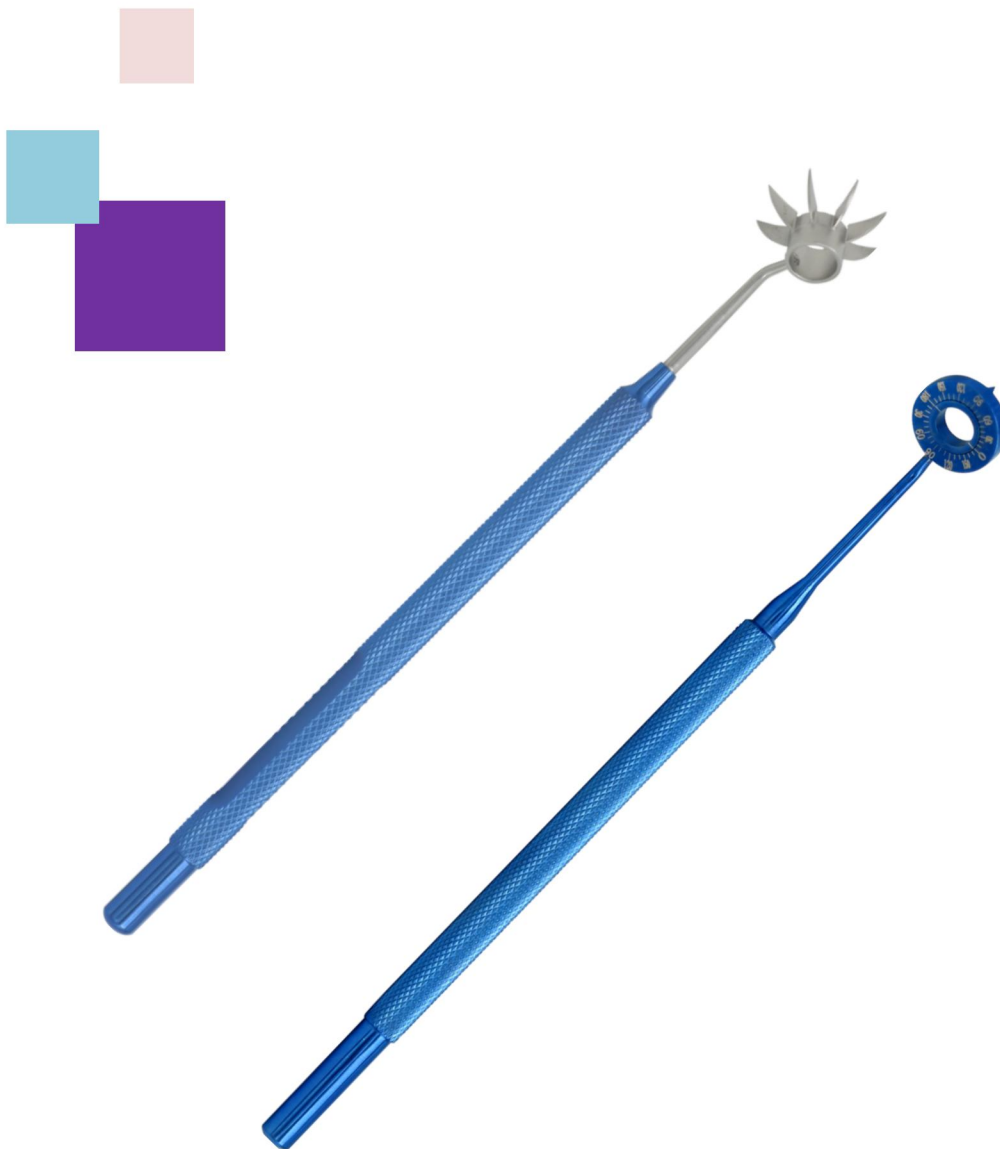
E4923 27×20.5mm, larger



To protect the eye during blepharoplasty and skin resurfacing procedures, non-reflective exterior surface, Contact with cornea is polished finish, Three sizes, Stainless steel.

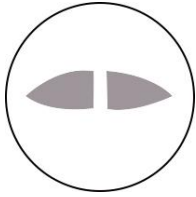
# Refractive Instruments

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**LASIK Multipurpose Forceps** LASIK 膜瓣恢复镊

E9110



Jaws cross section



Curved jaws to conform to the curvature of the corneal with spatulated tips and edges to enter, dissect, elevate and smooth the flap. This forceps combines the features of a spatula, dissector and forceps.

**Perone LASIK Flap Forceps** LASIK 膜瓣镊

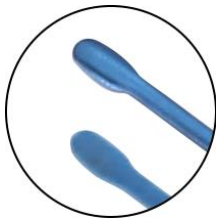
E9111



Enables delicate lifting of the flap without causing any trauma, 2mm rings, 108mm long

**Manche LASIK Forceps** LASIK 膜瓣镊

E9112



Solid oval tips lift flaps for primary and retreatment procedures with minimal risk of tearing or trauma, 108mm long

**LASIK Flap Forceps** LASIK 膜瓣镊

E9114



For atraumatic corneal flap lifting and holding, Blunt, circle-shaped, Criss-Cross serrated jaws, Curved shafts, Overall length 108mm.

**Hersh LASIK Retreatment Forceps** LASIK 膜瓣镊

E9115



Forceps are designed to lift the LASIK flap easily for retreatment avoiding damage to the flap and facilitating a controlled "peel" of the flap from the stroma. Double grip design to avoid bending the flap and facilitate lifting, Overall length 108mm



**Corneal Epithelium Spatula 角膜上皮刮刀**

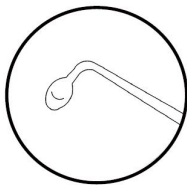
E9140



Titanium, Overall length 120mm

**LASIK Flap Manipulator 膜瓣调位器**

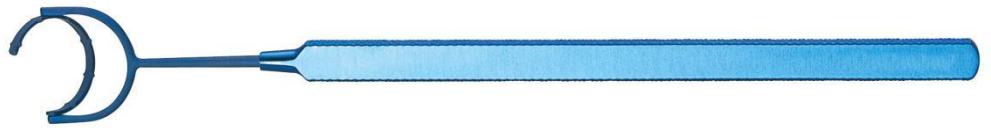
E9141



Features a delicate Olive-shaped tip which is used to gently depress the corneal to locate the flap edge, once located engages the edge, with the smoothly polished tip and slides it around the rim to partially open the flap.

**Gimbel Stabilization Ring 开口眼球固定环**

E9142



Offset 13mm diameter ring with 9mm cut out to accommodate the flap hinge. Blunt teeth on both sides for stabilizing either the right or left eye during LASIK.

**Moretsky LASIK Hinge Protector Fixation Ring 多用固定保护环**

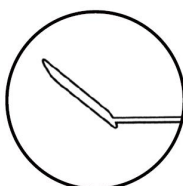
E9143



The protector is designed to fixate the globe during laser ablation while covering the hinge and flap for complete protection, 11mm inner diameter offers secure fixation of the cornea during ablation without interference, Unique angled protector shields the flap and hinge

**Flap Elevator 拍压掀瓣器**

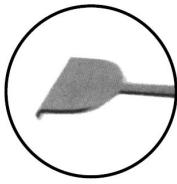
E9144



Titanium, Overall length 120mm

**Buratto Flap Protector** 膜瓣保护器

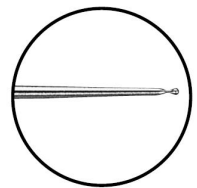
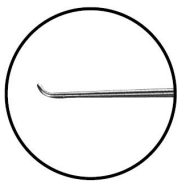
E9145



Ideal for retracting the flap for maximum exposure of the bed and for protecting nasally hinged corneal flap during the laser ablation.

**Katzen LASIK Flap Unzipper LASIK** LASIK 分离器

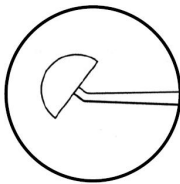
E9146



Combines a modified Sinskey hook and a bi-convex spatula with beveled notches for LASIK enhancements.

**Flap Smoother** 压拍排气器

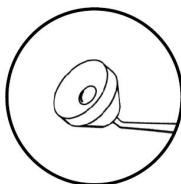
E9147



Designed to conform the corneal flap to the new shape of the stroma bed after laser ablation.

**Caro/Avalos Flap Smoother** 压拍排气器

E9148

**Intralasik Flap Spatula** 角膜掀瓣器

E9149



Double ended instrument with a delicate pick and a curved spatula to open and manipulate the flap.

**Intralask Flap Spatula 角膜掀瓣器**

E9150



Double ended instrument with a delicate pick and a 10mm spatula to open and manipulate the flap

**Epithelial microhoe 角膜上皮刮刀**

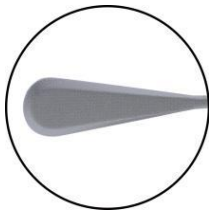
E9153



Epithelial microhoe for LASEK procedure, Angled, curved, 10 mm angle to tip, tip size 2\*1mm, 120mm long

**Foreign Body Spuds 异物铲**

E9154



Foreign Body Spuds, Overall length 130mm.

**Hockey Knife 刮刀**

E9155



For epithelium removal, To remove epithelium for PRK, Procedure and during LASIK retreatment, Overall length 130 mm

**Spatula And Epithelium Removal Board**

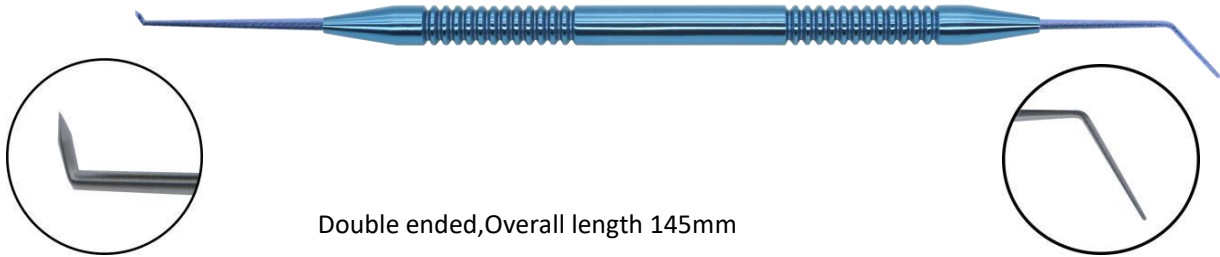
E9156



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, Overall length 145 mm

**LASIK Spatula And Flap Retreatment Lasik 铲与膜瓣恢复器**

E9157



Double ended,Overall length 145mm

**Flap Spatula 掀瓣器**

E9158



Double ended instrument with a delicate pick and a curved spatula to open and manipulate the flap,Overall length 125mm

**Flap Spatula 膜瓣抹刀**

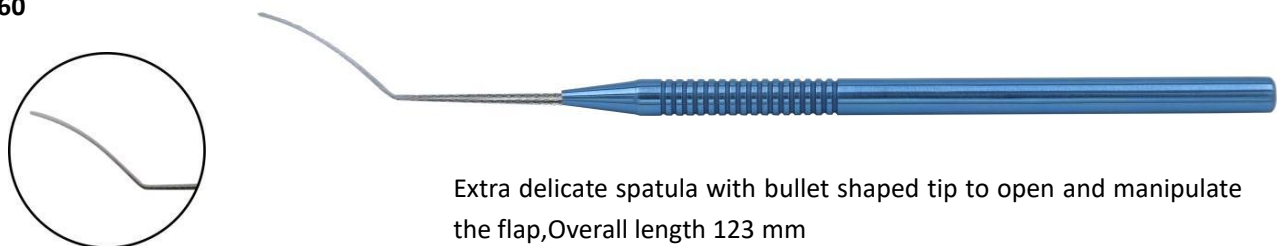
E9159



Delicate spatula with a jag on the tip to detach the flap edge and to open the flap,Overall length 120mm

**LASIK Spatula LASIK 刮刀**

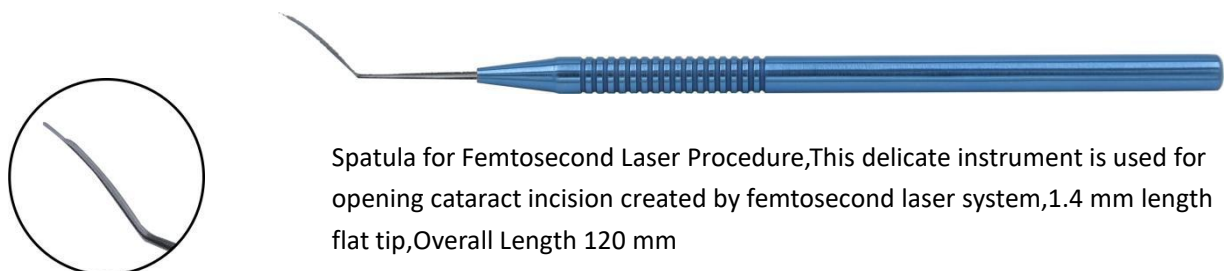
E9160



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

**Spatula**

E9161



Spatula for Femtosecond Laser Procedure,This delicate instrument is used for opening cataract incision created by femtosecond laser system,1.4 mm length flat tip,Overall Length 120 mm

**LASEK Detaching Spatula**

E9162



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

**LASEK Epithelial Micro Hoe**

E9163



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

**LASEK Knife**

E9164



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

**Manipulator**

E9177



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

**Manipulator**

E9178



Double ended instrument with slight forked tips to place the lens corners under the iris, Overall length 122mm

**Spatulas****E9179**

Elevator for ICSR Implantation, To create a small pocket in intended direction of the tunnel with a mild rotatory movement, Tip dimensions: 0.1 mm height, 0.2 mm width, 0.7 mm length, Overall length 122mm

**Suarez Spreader****E9180**

To enlarge the small corneal pockets in both directions in a proper depth, Tip dimensions: 0.1 mm height, 0.6 mm width, 1.25 mm length, Overall length 122mm

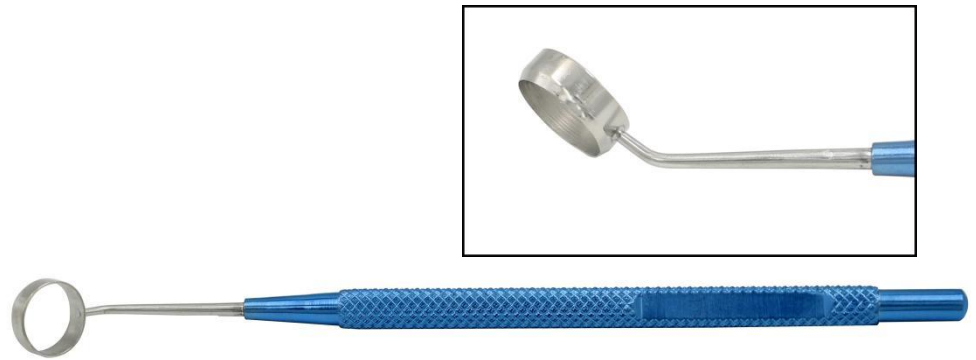
**Bicalto Guide****E9181**

To lift the cornea for inserting the Tunnel Maker beneath the guide, Blunt tip, Tip dimensions: 0.3 mm height, 0.1 mm width, 5 mm length, Overall length 121mm



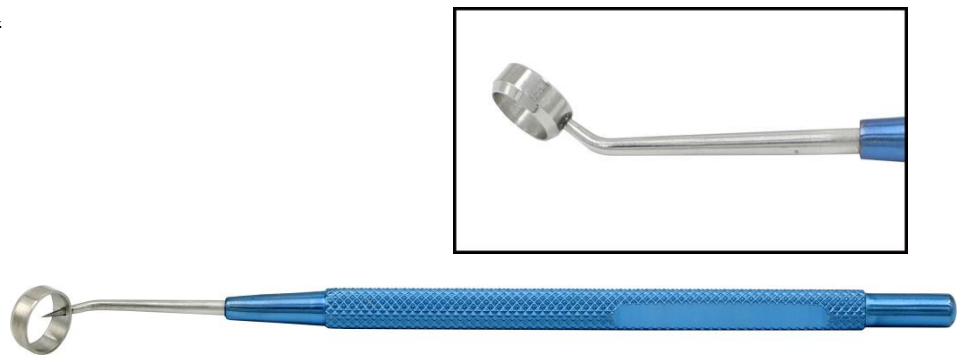
**Corneal Mark/LASEK Alcohol well 角膜标记器、LASEK 酒精罩、角膜上皮环罩**

- E4801-3.0 3.0mm diameter
- E4801-3.25 3.25mm diameter
- E4801-3.5 3.5mm diameter
- E4801-3.75 3.75mm diameter
- E4801-4.0 4.0mm diameter
- E4801-4.25 4.25mm diameter
- E4801-4.5 4.5mm diameter
- E4801-5.0 5.0mm diameter
- E4801-5.5 5.5mm diameter
- E4801-6.0 6.0mm diameter
- E4801-6.5 6.5mm diameter
- E4801-7.0 7.0mm diameter



**Corneal Marker 角膜标记器**

- E4802-5.0 3.0mm diameter
- E4802-5.5 5.5mm diameter
- E4802-6.0 6.0mm diameter
- E4802-6.5 6.5mm diameter
- E4802-7.0 7.0mm diameter
- E4802-7.5 7.5mm diameter
- E4802-8.0 8.0mm diameter
- E4802-9.0 9.0mm diameter



Corneal Marker with a center indication point

**Optical Zone Marker 标记器**

- E4803-3.0 3.0mm diameter
- E4803-3.25 3.25mm diameter
- E4803-3.5 3.5mm diameter
- E4803-3.75 3.75mm diameter
- E4803-4.0 4.0mm diameter
- E4803-4.25 4.25mm diameter
- E4803-4.5 4.5mm diameter
- E4803-5.0 5.0mm diameter
- E4803-5.5 5.5mm diameter
- E4803-6.0 6.0mm diameter
- E4803-6.5 6.5mm diameter
- E4803-7.0 7.0mm diameter
- E4803-7.5 7.5mm diameter
- E4803-8.0 8.0mm diameter



Optical Zone Marker with a cross in the center

**Corneal Marker 标记器**

E4804



Optical Zone Marker with a cross in the center, 2 blades

**LASIK Corneal Marker**

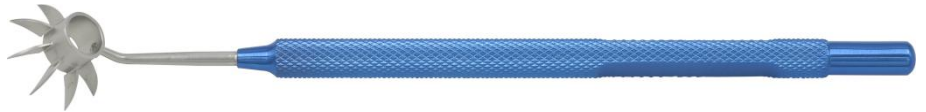
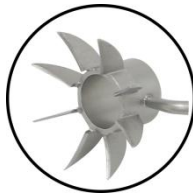
E4805



Optical Zone Marker with a cross in the center, 3 blades

**Osher-Neumann 8-line Corneal Marker**

E4806



8-line blade, marks radial lines 4mm long, 4.5mm inner diameter of ring, 120mm long

**Osher-Neumann 16-line Corneal Marker**

E4807



16-line blade, marks radial lines 4mm long, 4.5mm inner diameter of ring, 110mm long

**Toric Reference Marker** 轴线标记器

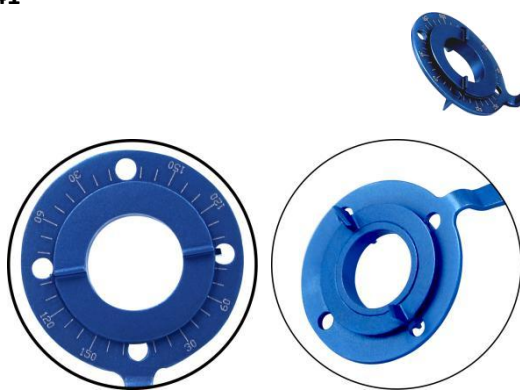
E9840



3 rotating blades,marks the limbus at 3,6 and 9 o'clock,Marking the incisional and desired axis of IOL alignment ,can be accomplished using the Cionni Toric Axis Marker,Overall length 124mm.

**Toric Combo Marker** 角膜散光标记器

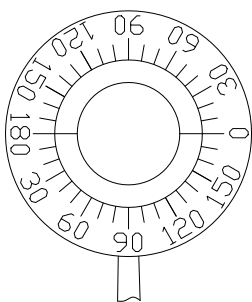
E9841



Marker and Degree Gauge in one. Cutouts for precise alignment,Radial marks,2 blades, The Cionni Toric Reference Marker is used to mark the horizontal and vertical reference meridians.Overall length 115mm.

**Toric Combo Marker** 角膜散光标记器

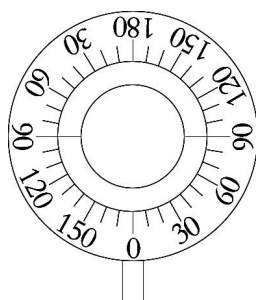
E9842



pre-op marker to mark the axes while the patient is in sitting position,Marks both horizontal and toric axes pre-operatively , which eliminates an intra-op step,Provided with rotating ring for accurate alignment, Overall length 128mm.

**Toric Combo Marker** 角膜散光标记器

E9842A



pre-op marker to mark the axes while the patient is in sitting position,Marks both horizontal and toric axes pre-operatively , which eliminates an intra-op step,Provided with rotating ring for accurate alignment, Overall length 128mm.

**Bores Axis Marker 轴线标记器**

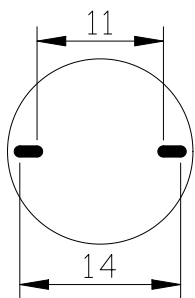
E9843



Intra-op Axis Marker,Used with mendez degree gauge,Overall length 100mm,Titanium

**Gravity Axis Marker 平衡标记器**

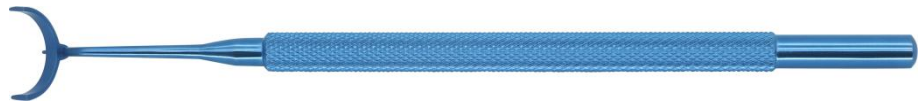
E9844



Pre-op, marks the limbus at 3 and 9 o'clock,Helps to avoid the effect of cyclotortion,Gravity weight system assures excellent visualization and alance,Internal diameter 11mm/external diameter 14mm,Overall length 132mm.

**Axis Marker 轴线标记器**

E9845



3 rotating dots,marks the limbus at 3,6 and 9 o'clock,Overall length 100mm

**Graether Half-circle Axis Marker 标记器**

E9846



2 blades,marks the limbus at 3 and 9 o'clock,Overall length 120mm.

**Axis Marker 轴线标记器**

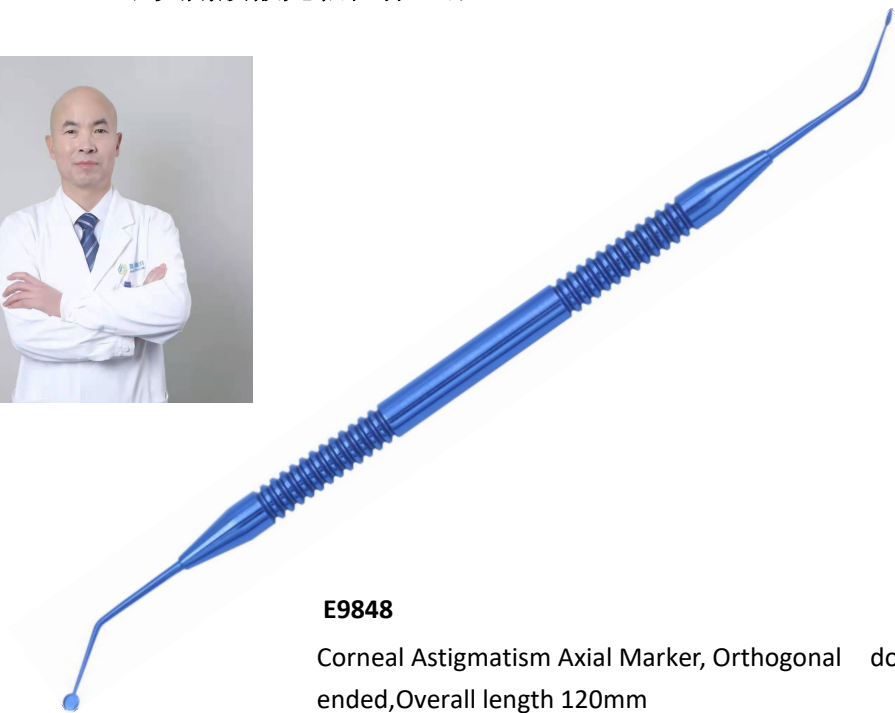
E9847



2 blades,marks the limbus at 3 and 9 o'clock,Overall length 122mm.

**Corneal Astigmatism Axial Marker 双头角膜散光轴位标记器**

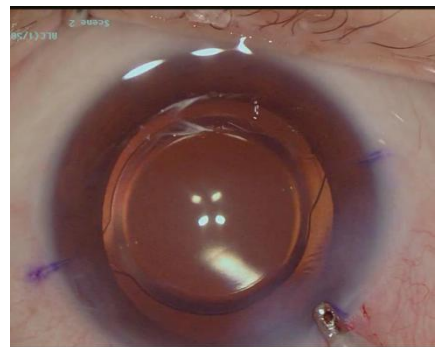
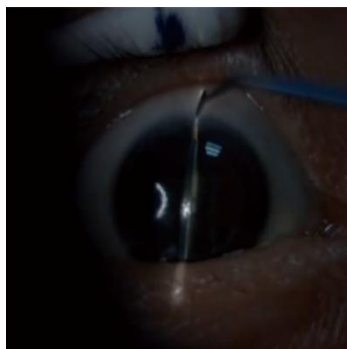
Designed in  
Cooperation with  
Dr.Chen Bo Fan  
Chongqing Purui  
Eye Hospital  
China



**E9848**

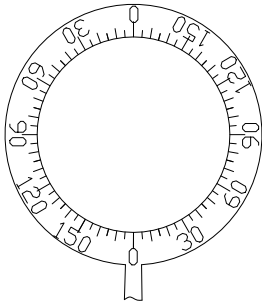
Corneal Astigmatism Axial Marker, Orthogonal double ended, Overall length 120mm

Use method and effect:



**Mendez Degree Gauge 角膜散光标记环**

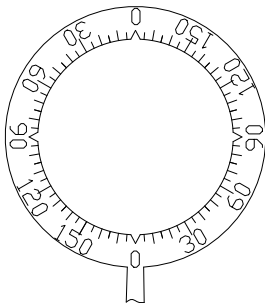
E9850



Grooved fine mendez degree used to determine incision angles, Calibrated every 5 degrees from 0° to 180°, Internal diameter 12mm/external diameter 16mm, Overall length 125mm

**Mendez Degree Gauge 角膜散光标记环**

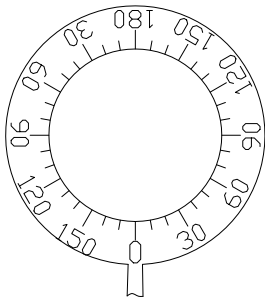
E9851



Grooved fine mendez degree used to determine incision angles, Calibrated every 5 degrees from 0° to 180°, With 4 grooves for better marks Visualization, Internal diameter 12mm/external diameter 16mm, Overall length 125mm.

**Mendez Degree Gauges 角膜散光标记环**

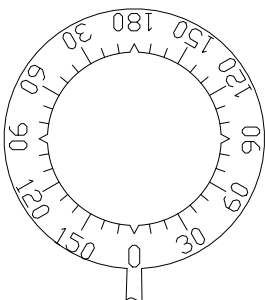
E9852



Grooved fine mendez degree used to determine incision angles, Calibrated every 10 degrees from 0° to 180°, Internal diameter 12mm/external diameter 18mm, Overall length 125mm.

**Mendez Degree Gauges 角膜散光标记环**

E9853

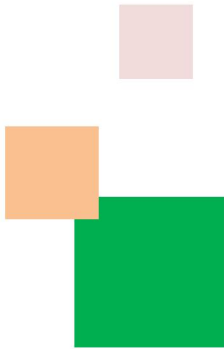


Grooved fine mendez degree used to determine incision angles, Calibrated every 10 degrees from 0° to 180°, With 4 grooves for better marks visualization, Internal diameter 12mm/external diameter 18mm, Overall length 125mm.



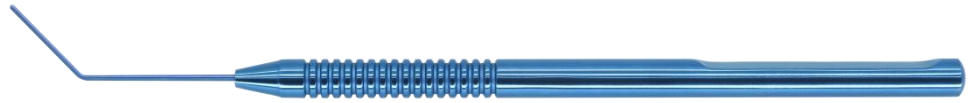
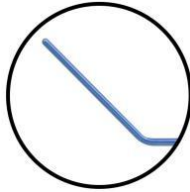
# Corneal Transplantation

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**Sweeper DSEK Spatula**

E9165



Angled 45°, 13mm working tip, diameter 0.4mm, overall length 121mm.

**DSEK Smoother**

E9166



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

**DSEK Scraper**

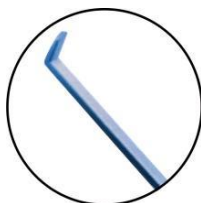
E9167



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

**DSAEK PLK Scraper**

E9168



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

**DSAEK PLK Scraper**

E9169



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

**Corneal Dissector**

E9170



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

**Corneal Dissector**

E9171



(curvature radius 22mm)



Curved, For intrastromal dissection, 45 degree angled shaft, 12 mm from tip to angle, Overall length 127 mm

**Scoring Hook and Aspirating**

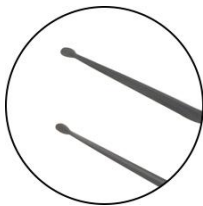
E9172



For Descemet's stripping, Overall length 104 mm.

**DMEK forceps**

E9183



Ceramic coating

30° angled, 108mm long

**Manipulator**

E9173



Manipulator for DLEK procedure, Designed to tuck the edges of the donor lamella, 0.15 mm diameter tip, Blunt Tip, Overall Length 120 mm

**Trisector for DALK Procedure**

E9174



Flat 1.4x0.7 mm tip, Overall length 124mm.

**Spatula for DALK Procedure**

E9175



Flat 1x9mm tip, Overall length 122mm.

**Dissector for DALK Procedure**

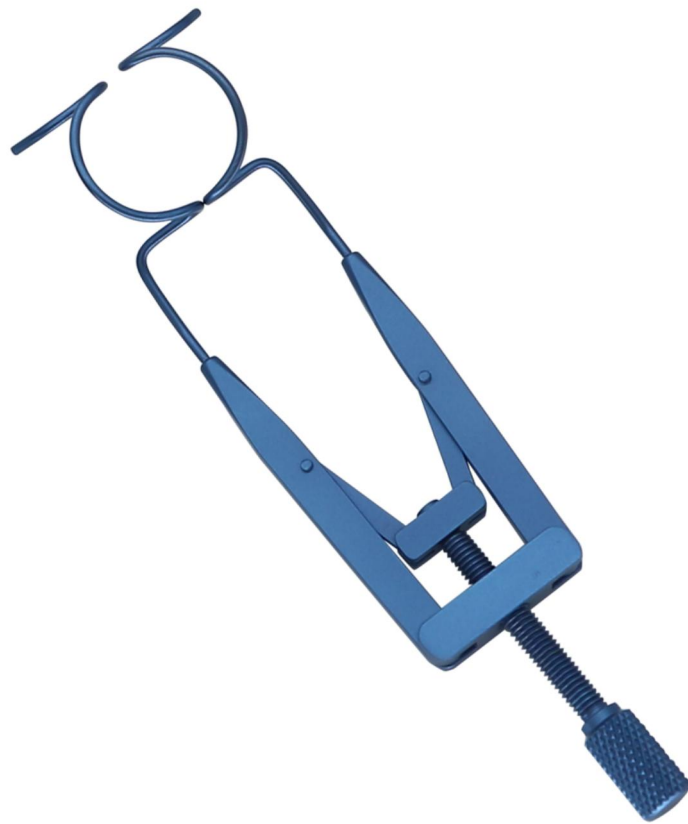
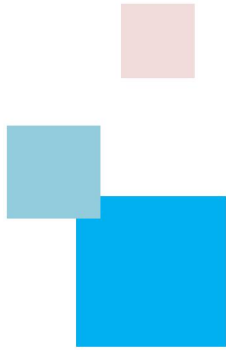
E9176



12 mm length blunt beveled tip For creating a track in deep stroma for the further Cannula inserting, Overall length 122mm.

# Speculum

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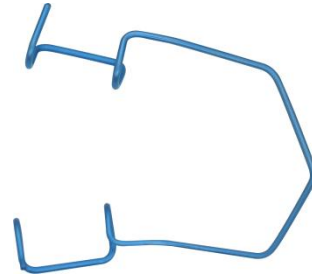


## Speculum •

### Wire Speculum 丝状开睑器

- E5101 15mm blades
- E5102 13.5mm blades \*
- E5103 11mm blades
- E5104 7mm blades

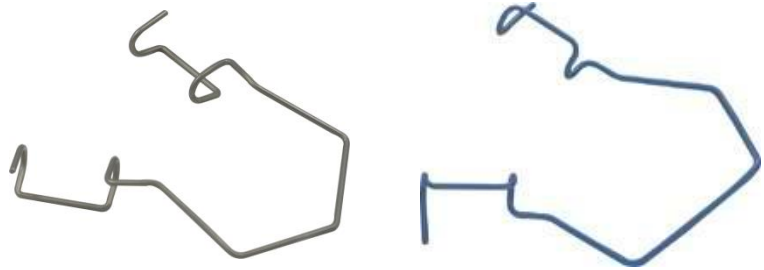
Temporal Approach 52mm long, Titanium



### Wire Speculum 丝状开睑器

- E5105 15mm blades
- E5106 13.5mm blades \*
- E5107 11mm blades
- E5108 7mm blades

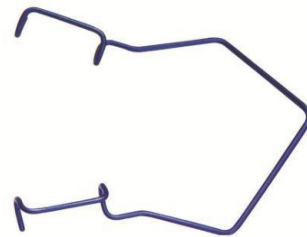
Nasal Approach 52mm long, stainless steel & Titanium



### Kratz-Barraquer Wire Speculum 丝状开睑器

E5109

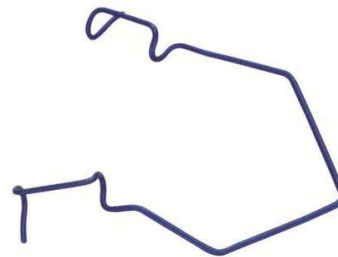
With 13.5mm wire blade, 52mm long, Titanium



### Naqahara Wire Speculum 鼻侧丝状开睑器

E5110

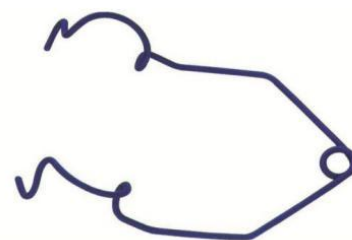
Specially designed for temporally approaching cataract surgery. With 13.5mm long blades, 52mm long



### Grandon Wire Speculum 丝状开睑器

E5111

It features gently curved back tips to automatically retain redundant lid tissue. The heavy gauge coiled fulcrum provides strong spring tension to completely retract and control the patients lids, and to ontrol redundant lid tissue, 52mm long.

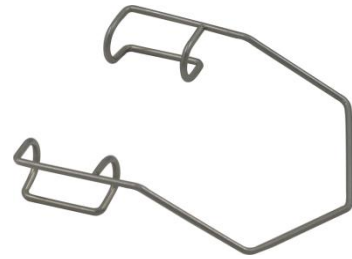




## Speculum •

### Barraquer Wire Speculum, fenestrated, stainless steel

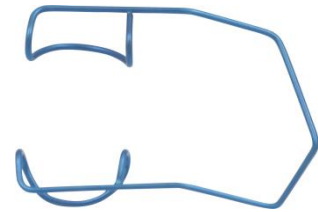
- E5112 13mm wire blade
- E5113 14mm wire blade
- E5114 11mm wire blade
- E5115 9mm blade- Pediatric
- E5116 7mm blade- Pediatric
- E5117 5mm blade- Newborn



### Barraquer Wire Speculum

- E5118 14mm

Fenestrated round blade, 14mm wire blade



### Barraquer Wire Speculum, stainless steel

- E5119 Temporal side, 11mm



### Barraquer Wire Speculum, stainless steel

- E5120 Nasal side, 11mm



### Barraquer Wire Speculum, stainless steel

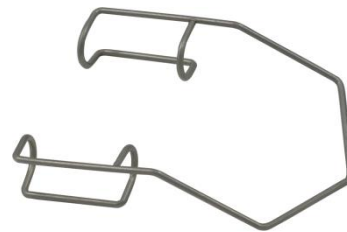
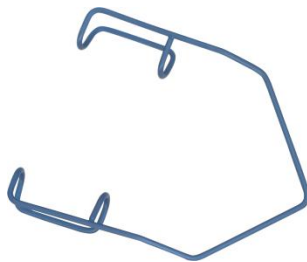
- E5121 9mm Pediatric



## Speculum •

### Barraquer Wire Speculum

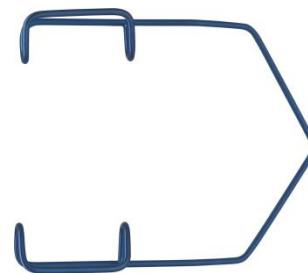
E5122 16mm balde



stainless steel

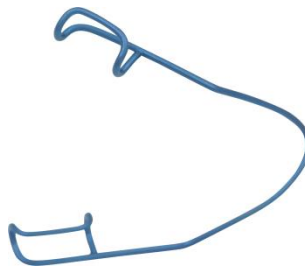
### Barraquer Wire Nasal Speculum

E5123 Fenestrated 16mm balde



### Wire Speculum

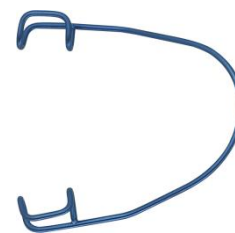
E5124 9mm Pediatric



stainless steel

### Wire Speculum, fenestrated 7mm Pediatric

E5125 7mm balde



### Wire Speculum, fenestrated

E5126 4mm balde premature



## Speculum •

### Lieberman Speculum 可调式封口开睑器

E5252 14.5mm blades

Adjustable closed wire blades,nasal side,80mm long



### Lieberman Speculum 可调式封口开睑器

E5000 19mm blades

Adjustable closed wire blades, 80mm long.



### Lieberman Speculum, K-wire 可调式 K 形开睑器

E5201 11mm balde\*

E5202 14.5mm balde

E5203 17mm balde

Adjustable wire speculum, with shaft angled 45°,70mm long.



### Lieberman Speculum , v-wire 可调式 V 形开睑器

E5204 13.5mm balde,Temporal approach

The V-shaped wire blades are designed to help the surgeon retain the drape under the eye lids



### Slade LASIK Speculum,Adjustable 可调式丝状开睑器

E5205 Temporal approach

E5206 Nasal approach

13.5mm balde,Specially designed for maximum exposure of the globe and to accommodate suction ring for efficient operation of the keratome, 65mm



### Speculum with straight wire open blade

E5207 Open wire 7mm child \*

E5208 Open wire 5mm newborn

E5209 Open wire 9mm Temporal approach

E5210 Open wire 11mm Temporal approach



## Speculum •

### Shapira Speculum 双向可调丝状开睑器

E5212

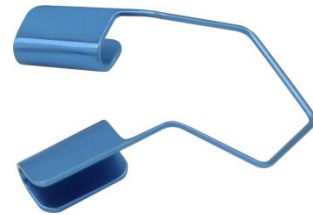
Adjustable, wire opening for phaco and micro lamellar keratoplasty, 65mm long



### Barraquer Solid Speculum 片状开睑器

E5301 11mm balde

E5302 14.5mm balde



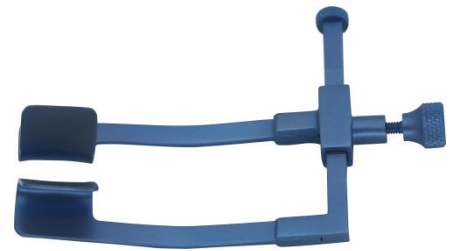
### Kratz Barraquer Wire Speculum 可调片状开睑器

E5402 15mm balde

E5403 12.5mm balde

E5404 11mm balde\*

Blade spread 30mm, 57mm long



### Sprung Speculum Solid Blades

E5405 6mm Pediatric

E5406 4mm Newborn



### Reversible Lid Speculum 双向可调式片状开睑器

E5401

The speculum can be placed temporally or nasally, accomodating the suction ring of a mircrokeratome during LASIK surgery. The solid blades keep eye lashes away from the surgical field. While their,non reflective finish eliminates glare from the microscope light, 65mm long



## Speculum •

### Ginsberg Eye Speculum 可调式开睑器

E5407

13mm blade,65mm long



### Liberman Solid Speculum 可调片状开睑器

E5408

12.5mm solid blade, allow for the protection of the eye lashes and keeps the secretion of the meibomian glands from the perating field, 65mm long



### Steinert LASIK Speculum LASIK 可调开睑器

E5409

14mm solid blade, Strong with ideal curvature for accomodating the microkeratome suction ring, 65mm long



### Genisi Speculum LASIK 可调开睑器

E5410

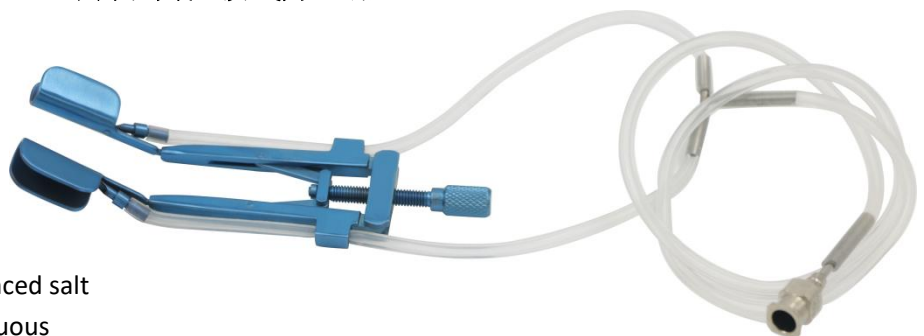
14mm solid blade, adjustable,strong with ideal curvature for accomodating microkeratome suction ring, 65mm long



### The Lindstrom-chu Aspirating Speculum 可调双向注吸式开睑器

E5501

Designed to prevent pooling of excess balanced salt solutin from eye lid margins through continuous aspiration.Unique reversible speculum allowing the surgeon to pivot the device to rest nasally or temporally,65mm long.

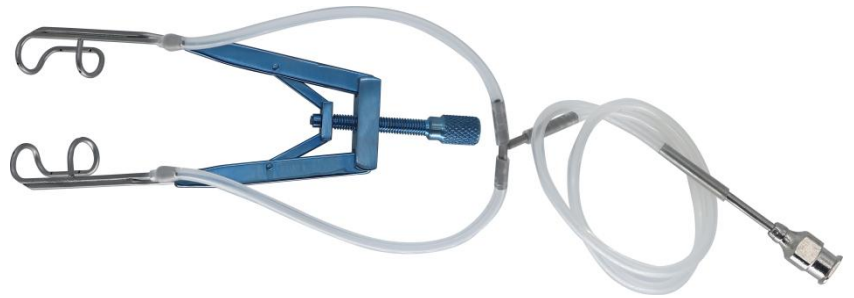


## Speculum •

### Speculum LASIK with aspiration,round valves 可调双向冲洗式开睑器

E5502

15 mm blade inner length,Adjustable closed wire blades,3 aspirating ports on lateral blade bends,Ports on each blade allow continuous aspiration providing better vision during the operation



### Williams Eye Speculum 可调开睑器

E5701 10mm

E5703 14mm

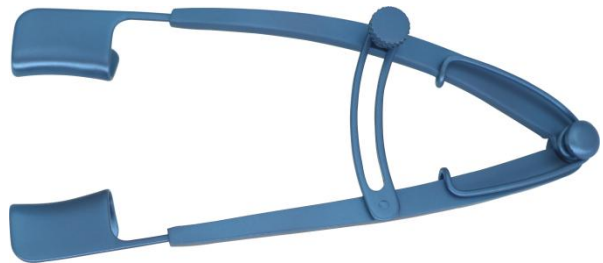
Open wire 10、14mm,with locking screw, 78mm long



### Williams Eye Speculum 可调开睑器

E5702

14mm solid blade,with locking screw, 78mm long



### McNeil-Goldman scleral and Blepharostat Ring

E5601 Inner Dia 15mm External Dia 22mm

E5602 Inner Dia 16mm External Dia 23mm

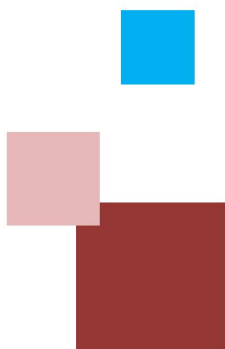
E5603 Inner Dia 17mm External Dia 24mm





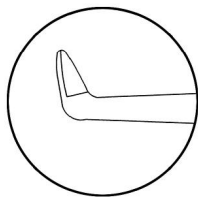
## Vitreoretinal instruments

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**Retinal Hook 视网膜钩**

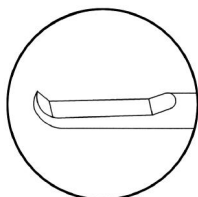
E4501



Triangular 0.5mm tip, angled 130°, Overall length 125mm

**Membrane Spatula 视网膜钩**

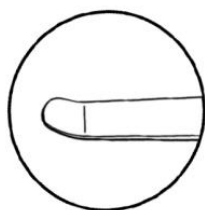
E4502



Rounded tip spatula, Overall length 125mm

**Retinal Spatula 视网膜铲**

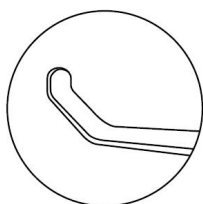
E4503



Tip angled 110°, Overall length 125mm

**Retinal Spatula 视网膜铲**

E4504



Overall length 125mm, Titanium

**Micro Capsulorhexis Forceps**

- E0310** Curved shaft OD 20G
- E0311** Straight Shaft OD 20G
- E0312** Curved shaft OD 23G\*
- E0313** Straight Shaft OD 23G



**Side Gripping Forceps**

- E0314** Straight shaft OD 20G
- E0315** Straight Shaft OD 23G



**Foreign Body Forceps with Spoon Tip**

- E0316** Straight shaft OD 20G
- E0317** Straight Shaft OD 23G



**Foreign Body Forceps**

- E0318** Straight shaft OD 20G



**Tissue Gripping Forceps**

- E0319** Straight shaft OD 20G
- E0320** Straight Shaft OD 23G



**Tissue Gripping Forceps**

- E0321** Straight shaft OD 20G
- E0322** Straight Shaft OD 23G



**Gripping Forceps**

- E0323** Straight shaft OD 20G
- E0324** Straight Shaft OD 23G



**Gripping Forceps**

- E0325** Straight shaft OD 23G



Integrated Handle (Not disassemble)

**Gripping Forceps**

E0326 Straight OD 23G



**Gripping Forceps with Flat Jaw**

E0327 Straight OD 20G

E0328 Straight OD 23G



**Pick Forceps**

E0329 Straight OD 20G

E0330 Straight OD 23G



**Angled Long Gripping Forceps**

E0331 45 Degree Angled Jaw 20G



**Delicate Gripping Forceps**

E0332 3.5mm Jaw, 20G

E0333 3mm Jaw 23G



**Serrated Forceps**

E0334 4mm Jaw, Straight Shaft 20G

E0335 4mm Jaw, Curved Shaft 20G



**Gripping Forceps**

E0336 2mm Jaw, 20G

E0337 1.25mm Jaw, 23G



**Angled Forceps, membrane peeler**

E0338 2mm, 20G

E0339 1.25mm, 23G



**Angled Forceps, membrane peeler**

E0340 2mm, 20G

E0341 1.25mm, 23G



**ILM Gripping Forceps**

- E0342 0.7mm pick tips, 20G
- E0343 2.2mm jaws, 23G



**Subretinal Gripping Forceps**

- E0344 45°angled 4.5mm jaws, 20G
- E0345 45°angled 3mm jaws, 20G



**Straight Scissors**

- E0346 0.7mm pick tips, 20G
- E0347 2.2mm jaws, 23G



**Straight Scissors**

- E0348 Blunt tipped, 2mm blade, 20G
- E0349 Blunt tipped, 1.25mm blade, 23G



**Curved Scissors**

- E0350 Sharp tipped 2mm blade, 20G
- E0351 Sharp tipped, 1.25mm blade, 23G



**Angled Scissors**

- E0352 45° angled, 2mm blade, 20G
- E0353 45° angled, 1.5mm blade, 23G



**Vertical Scissors**

- E0354 45° angled, 1.75mm blade, 20G
- E0355 60° angled 2mm blade, 20G



**Vertical Scissors**

- E0356 40° angled 2mm blade, 20G
- E0357 80° angled 2mm blade, 20G
- E0358 80° angled 2mm blade, 23G
- E0359 90° angled 2mm blade, 20G



**Angled Scissors**

- E0360 Vertical Scissors, low blade with bead tip, 20G
- E0361 Vertical Scissors, low blade with bead tip, 23G



**Curved Scissors, VR**

- E0362 Sharp tipped 3mm blade, 20G
- E0363 Sharp tipped, 2.25mm blades, 23G



**Epiretinal Forceps** 视网膜前钳

**Gripping Forceps**

**E33153** With a diamond dusted platform,20G/23G/25G



**End Gripping Forceps**

**E** serrated micro jaws,20G



**Lucke Multipurpose Forceps**

**E** 20G



**End Gripping Forceps**

**E** With extended gripping area at the end of the tip,20G/23G



**Gripping Forceps**

**E** With a "crocodile" platform ,20G/23G



**End Gripping Forceps**

**E** With nail shaped jaws,20G/23G/25G





**Scissors**

**Straight Scissors**

E31506 Blunt tips,20G



**Curved Subretinal Scissors**

E Curvature radius  
12mm,20G/23G/25G



**Vertical Scissors**

E 70 Degrees Sharp tips,20/23G



**Horizontal Scissors**

E 50 Degrees,20G



**Klaus Lucke Retinotomy**

E With bulbous tip,20G



**Horizontal Scissors**

E Angled 45 Degrees Regular  
blades 2.2mm in the closed





**E0364** Fine Straight Scissors, Delicate straight 2mm blade sharp tips, 23gauge shaft, 35mm long, Overall length 150mm



**E0365** Delicate curved 2mm blade sharp tips, 23gauge shaft, 35mm long Overall length 150mm



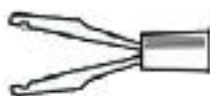
**E0366** Delicate vertical 2mm blade sharp tips, 23gauge shaft, 35mm long Overall length 150mm



**E0367** Straight shafts sharp type tips, 23 gauge ,35mm long, round knurled handle Overall length 150mm



**E0368**



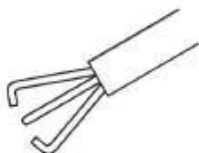
**E0369** straight shafts with 0.2mm holes type tips, 23 gauge, 35mm long, round knurled handle Overall length 150mm



**E0370** Capsulorhexis forceps curved shafts type tips, 23 gauge ,35mm long, Overall length 150mm



**E0371** ILM forceps straight shafts type tips 23 gauge ,35mm long, Overall length 150mm



**E0372** Foreign body forceps three 2mm prongs with 0.1mm angle tips, 23 gauge shaft Overall length 150mm



**E0373** Foreign body forceps four 2mm prongs with 0.1mm angle tips, 23 gauge shaft, Overall length 150mm



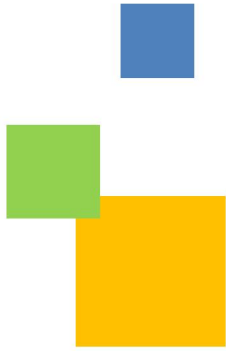
**E0374** Foreign body forceps, two 2mm spoon tips, 23 gauge shaft, Overall length 150mm



**E0375** Straight shafts type with serrated tips, 23 gauge, 35mm long, Overall length 150mm

# Glaucoma Instruments

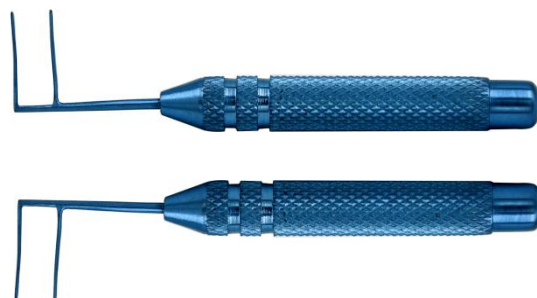
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## Glaucoma Instruments •

### Trabeculotome Set 小梁切开器

E9052



9mm long pointed with 3mm spread pair consists of left and right.

### Luntz-Dodick Trabeculectomy Punch 小梁咬切器

E9046 1.0mm

E9047 1.5mm

E9048 1.2mm



With bullet shaped tip for easy insertion into the sclero-corneal tunnel, it's angled cutting edge is designed to engage the scleral lip at the base of the tunnel, 0.5mm deep bite.

### Descemet Membrane Punch Descemet 巩膜咬切器

E9049



1.0mm diameter head, 0.75mm deep bite

### Trabeculotome Punch 巩膜咬切器

E9055



0.75mm diameter head.

### Trabeculotome Punch 巩膜咬切器

E9062 Straight 0.8mm

E9056 Straight 1.0mm

E9057 Straight 1.5mm

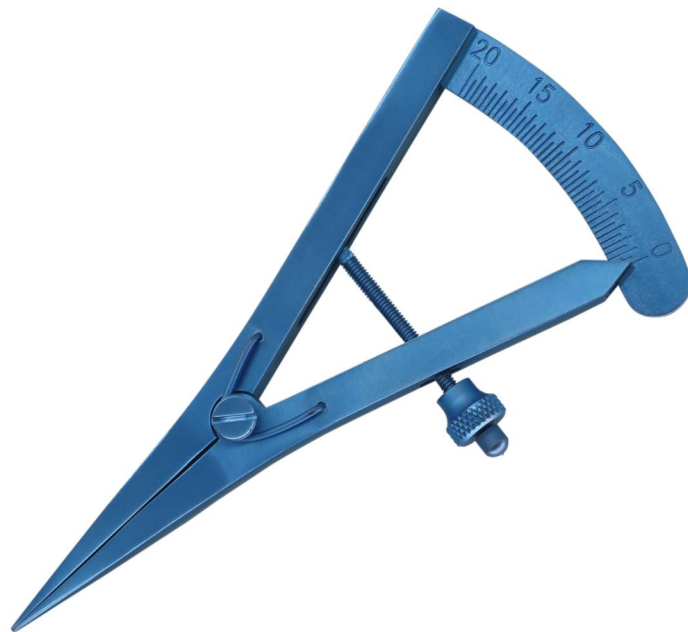
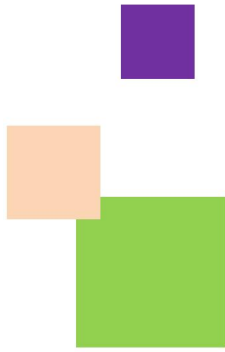
E9058 Curved 1.0mm

E9059 Curved 1.5mm



## Scalpel Handle、Caliper

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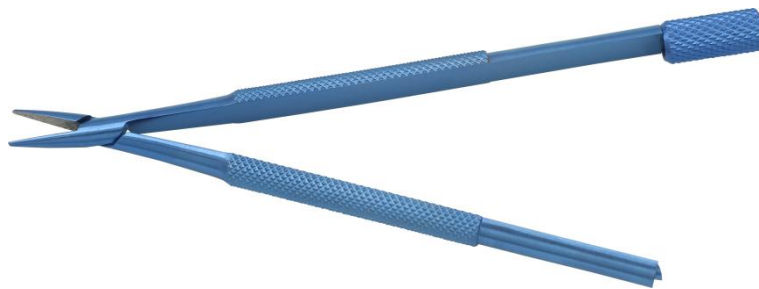




## Miscellaneous •

### Blade Breake 刀片夹持器

E9041



Round knurled handle with end lock

### Blade handle 手术刀柄

E9042



Round handle, serrated

### Scalpel Handle 手术刀柄

E9053



Round knurled handle, for #11、 #15 blade

### Blade handle 手术刀柄

T-22



Knife Handle, Straight shank, small, round knurled handle

### Braunstein Caliper 小切口标记器

E9043 3.5/4.0mm  
E9044 3.0/3.5mm\*



Fine tips mark sclerotomy sites for vitreous surgery

**Braunstein Fixed Caliper** 小切口标记

E9063 3.5/4.0mm



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

**Castroviejo Caliper** 量规

E9045



Caliper measures from 0-20mm in 0.5mm increments with scale

**Braunstein Fixed Caliper** 角膜印模

E9060

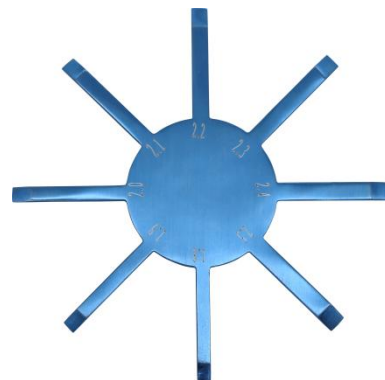
- Size form 2.5 mm to 3.2 mm
- In 0.1mm Increments



**Braunstein Fixed Caliper** 角膜印模

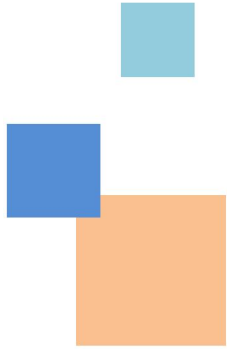
E9061

- Size form 1.8 mm to 2.5 mm
- In 0.1mm Increments



# Cannulas

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# Cannulas •

## Posterior Capsule Polisher 冲洗式后囊膜抛光器

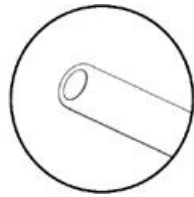
E8001 25G\*  
E8002 23G



1mm smooth bulbous tip with sandblasted, Overall length 42.5mm, Stainless steel.

## Air Injection Cannula

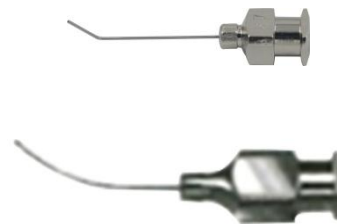
E8003



Anged 45° shaft, 5mm from tip to bend with polished finish, 27G

## Air Injection Cannula

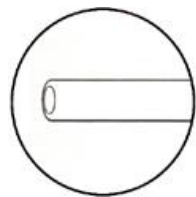
E8067 27G 7mm  
E8068 25G 8mm



Anged 45° shaft, 7、8mm from tip to bend with polished finish, 27、25G

## Bailey Lacrimal Cannula

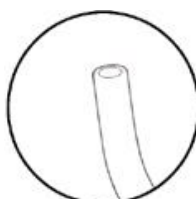
E8006 23G  
E8008 27G



Cannula with reinforced shaft, Length excluding hub 26 mm, Straight 10mm tip.

## Lacrimal Cannula

E8007



23G, Cannula with reinforced shaft, Length excluding hub 25 mm, Curved 10mm tip.

# Cannulas •

## Lacrimal Cannula

E8035



23G,cannula with blunt tip and bottom port,gently curved shaft.

## Hydrodissection Cannula 水分离针头

E8036 25G

E8037 27G



Flattened on horizontal plane Angled 45° ,11mm long

## Hydrodissection Cannula 水分离针头

E8070 25G

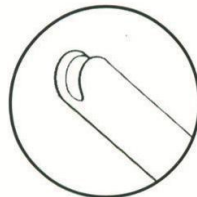
E8071 27G



Nichamin hydrodissection cannula, Straight head, The flattened tip, 25G/27G

## Viscoelastic Injection Cannula 粘弹性注入针头

E8038



21G,Cannula 50° shafts 5mm from tip to bend, flattened round tip.

## Viscoelastic Injection Cannula 粘弹性注入针头

E8039



19G,angled 30° degree shafts 5mm from tip to bend with flattened blunt tip.Oveall length excluding hub 25mm

# Cannulas •

## Cortex Aspiration Cannulas 吸皮质针头

**McIntyre-Binkhorst**

**E8040** Left

**E8041** Right



Blunt tip, front opening, 22G, angled 30°, 13mm from tip to bend with 2.5mm hook curved tip, overall length 35mm excluding hub.

## Cortex Aspiration Cannulas 吸皮质针头

**E8056-6** 5mm \*

**E8056-7** 6mm

**E8056-8** 8mm

**E8056-8** 10mm\*



Gills aspirating cannula, 25G, angled 5, 6, 8, 10mm

## Cortex Aspiration Cannulas 吸皮质针头

**E8057-19** 19Ga

**E8057-21** 21Ga

**E8057-23** 23Ga



Healon aspirating cannula, Angled 10mm from tip, Overall length 40mm.

## Back flush Cannula 反冲洗针头

**E8042**



27G allows easy passage through 2.2mm phaco incision. Tip length 2.5mm. Overall length 25mm excluding hub.

## Hydrodissection Cannula 水分离针头

**E8043** 25G, Left, angled

**E8044** 27G, Left, angled

**E8045** 25G, Right, angled

**E8046** 27G, Right, angled





## Cannulas •

### Hydrodissection Cannula 水分离针头

**E8064** 25G,0.5mm



Kellan Hydrodissection Cannula, Gently curved, 25G, cannula with flattened blunt tip to slip under the anterior capsular flap

### Simcoe Cortex Extractor 吸皮质针头

**E8065** 23G,13mm long excluding hub

Simcoe Cortex Extractor, Gently curved, 23G, 0.33mm aspiration port, 13mm long excluding hub

### Simcoe Cortex Extractor 吸皮质针头

**E8066** 23G,21mm long excluding hub



Simcoe Cortex Extractor, Gently curved, 23G, 0.33mm aspiration port, 21mm long excluding hub

### Sub-Tenon's Anesthesia Cannula 后筋膜囊下麻醉针头

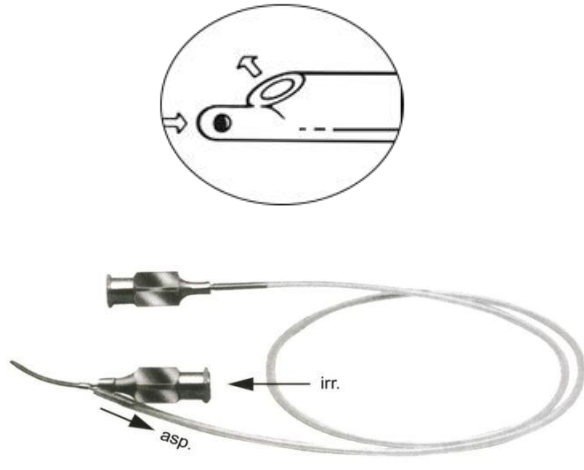
**E8072** 25G,(0.5mm)×30mm



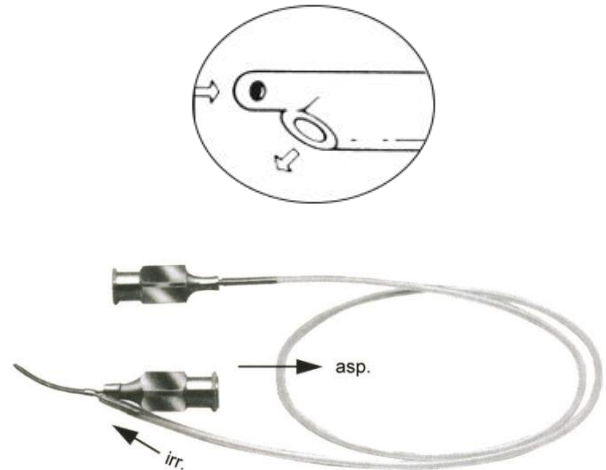
Sub-tenon's anesthesia cannula, curved, the cannula's polished, rounded tip provides increased safety as it dissects beneath tenon's capsule to just beyond the globe's equator, diffuse distribution of anesthetic within, the muscle cone overall length excluding hub 30 mm

## Simcoe cannula Double-Barreled I/A Unit 双弯管注吸器

23G, thin wall irrigation and aspiration, aspiration through 0.3mm/0.4mm top port with irrigation through side ening, curved shaft,Special requirements can be customized.



**E  
-0.3  
E8028-0.4**  
Irrigation through main hub,  
aspiration through silicone tubing.

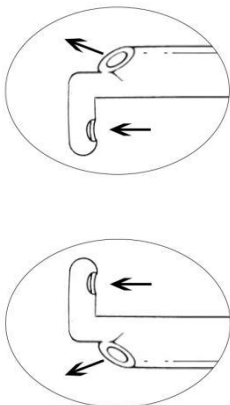


**E8029-0.3  
E8029-0.4**  
Reversed Simcoe.Irrigation through silicone tubing,  
aspiration through main hub.

## 'J' shape Irrigating-Aspirating Cannula 十二点钟注吸器

'J' shape irrigation-aspiration cannula designed for removal of cortex at 12 o'clock position, 23G thin wall irrigating aspiration lines for maximum aspiration capabilities.Other specifications are available (22G、21G、20G),For aspiration through tubing hub and irrigation through luer-

**E8030** Left  
**E8030R** Right



# Cannulas •

## Anterior Chamber Maintainer 前房维持器

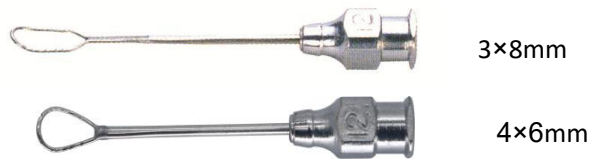
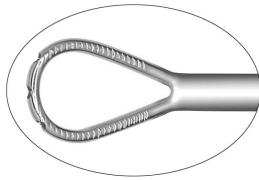
- E8031 25Ga (0.5mm)
- E8032 23Ga (0.6mm)
- E8033 20Ga (0.9mm)



Silicone tubing attached, Unique annular rings for self retaining

## Irrigating Vectis 冲洗式晶体线环

- E8034 3×8mm \*(shown)
- E8053 3×12mm
- E8054 4×6mm\*
- E8055 5×7mm



Cannula irrigating vectics, dual fluid flow through to front opening ports.

## Vidaurri LASIK Cannula 冲洗针头

E8014



Double-armed 8irrigating ports 25G

## Spatulated LASIK Cannula 铲形冲洗针头

E8015



This 26G curved cannula has an end opening for irrigating the interface. Flattened spatulate tip easily locates and elevates the flap edge.

## Gimbel LASIK Fountain Cannula 喷泉式冲洗针头

E8016



Smooth bullet shaped tip single centerport for directing fluid toward the superior hinge, 25G

## Cannulas •

### Banaji LASIK Cannula 冲洗针头

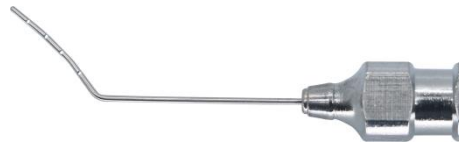
E8017



Bullet shaped tip 6 ports for multi-directional irrigation,25G

### Banaji LASIK Cannula 冲洗针头

E8069



Bullet shaped tip,8 ports for multi-directional irrigation,38mm long,25G

### Buratto LASIK Cannula 冲洗针头

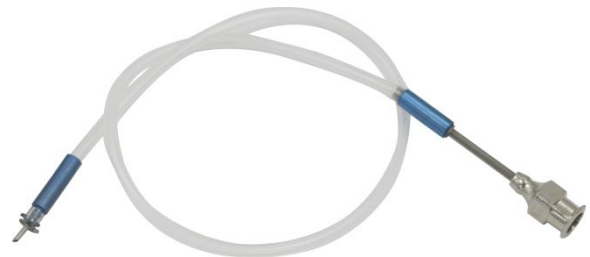
E8022 25G  
E8023 23G



One front and two side ports.Designed for equal flow in three directions

### Infusion Cannulas 蝶形注液针

E8047 20G/4.0mm  
E8048 20G/6.0mm  
E8049 23G/4.0mm  
E8050 23G/6.0mm  
E8051 25G/4.0mm  
E8052 25G/6.0mm



(4mm/6mm)beveled tip and luer lock adaptor,Use silica gel tube.

## Cannulas •

### Kelman sharp irrigating cystotome 截囊针

E8058 25G/32mm



Cystotome cannulas,Used to perform capsulorhexis,Curved sharp cutting edge,The tip is designed for opening of anterior capsule.

### Rycroft Anterior Chamber Cannula 前房针头

E8059-23 23G

E8059-25 25G

E8059-27 27G



Angled 45°,4mm angled tip,Length 22mm

### McIntyre Nucleus Hydrodissection 水分离针头

E8060-23 23G

E8060-25 25G

E8060-27 27G



Spatulated Flattened on the horizontal plane tip provides the broad stream of fluid,Angled 45° ,11mm angled tip.

### Chang Nucleus Hydrodissection 水分离针头

E8061 27G



Beveled tip used to rotate the nucleus Flat tip ensures easy insertion under the capsular rim and broad stream of fluid Angled 90° .

### Anterior capsule polisher 冲洗式前囊膜抛光器

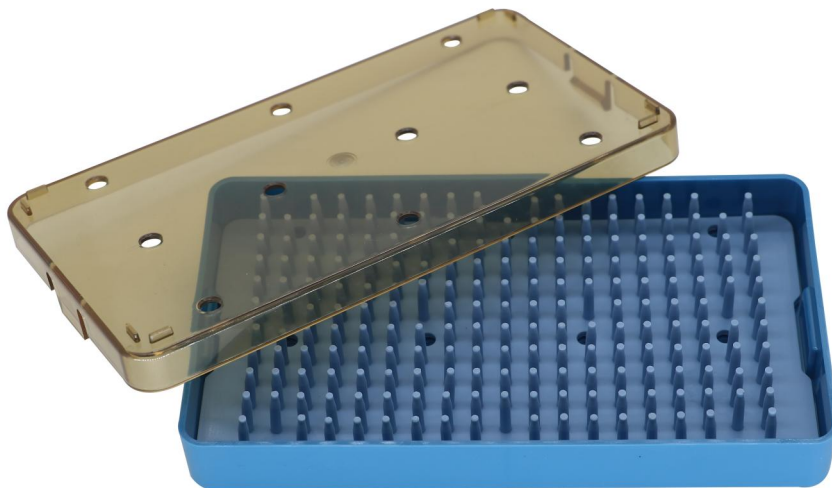
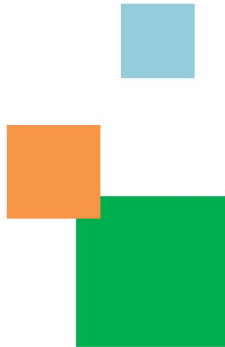
E8062 25G (0.5mm)



Can be used for anterior capsule polishing, Hydrodissection,30mm

## Sterilization Trays

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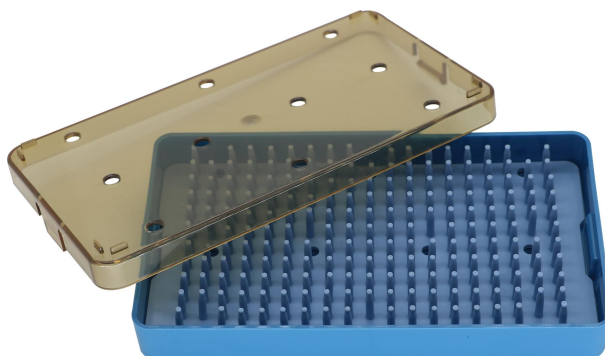


## Sterilization Trays ●

### Sterilization Tray 小号耐高温高压消毒盒

**E9080**

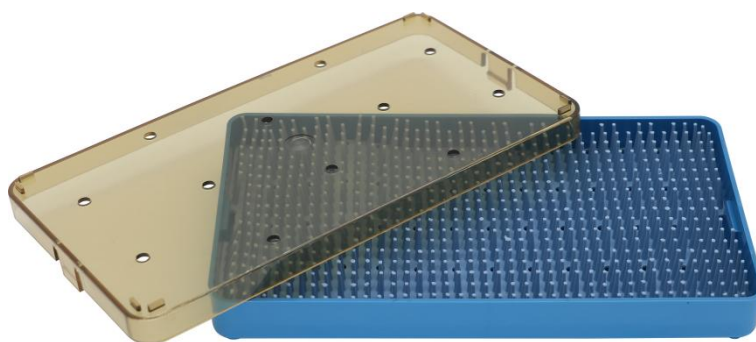
- Dimension:160\*90\*22mm
- Small 小号
- Autoclavable 耐高温高压
- Base & Silicone Mat & Transparent Cover  
透明塑料加硅胶垫



### Sterilization Tray 中小号耐高温高压消毒盒

**E9085**

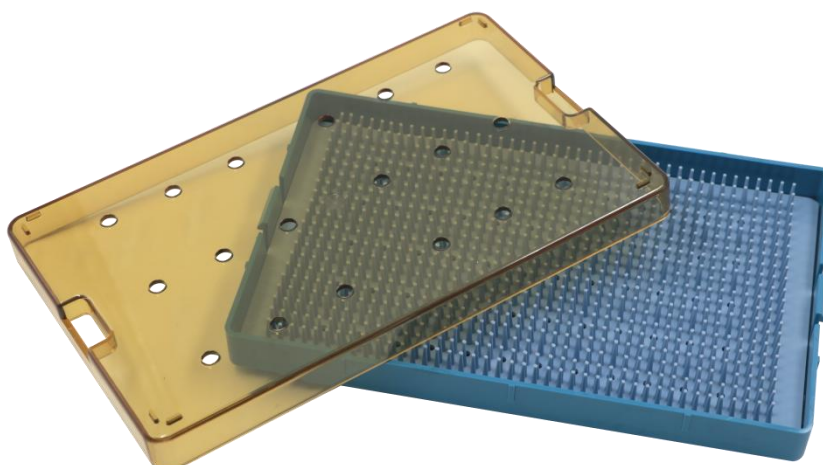
- Dimension:200\*110\*22mm
- Small 中小号
- Autoclavable 耐高温高压
- Base & Silicone Mat & Transparent Cover  
透明塑料加硅胶垫



### Sterilization Tray 中号耐高温高压消毒盒

**E9086**

- Dimension:232\*141\*22mm
- Middle-sized 中号
- Autoclavable 耐高温高压
- Base & Silicone Mat & Transparent Cover  
透明塑料加硅胶垫



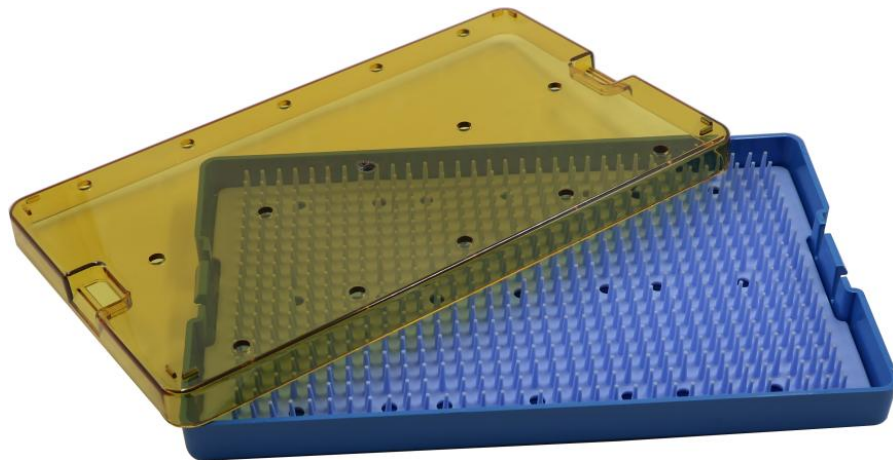


## Sterilization Trays •

### Sterilization Tray 大号耐高温高压消毒盒

**E9081**

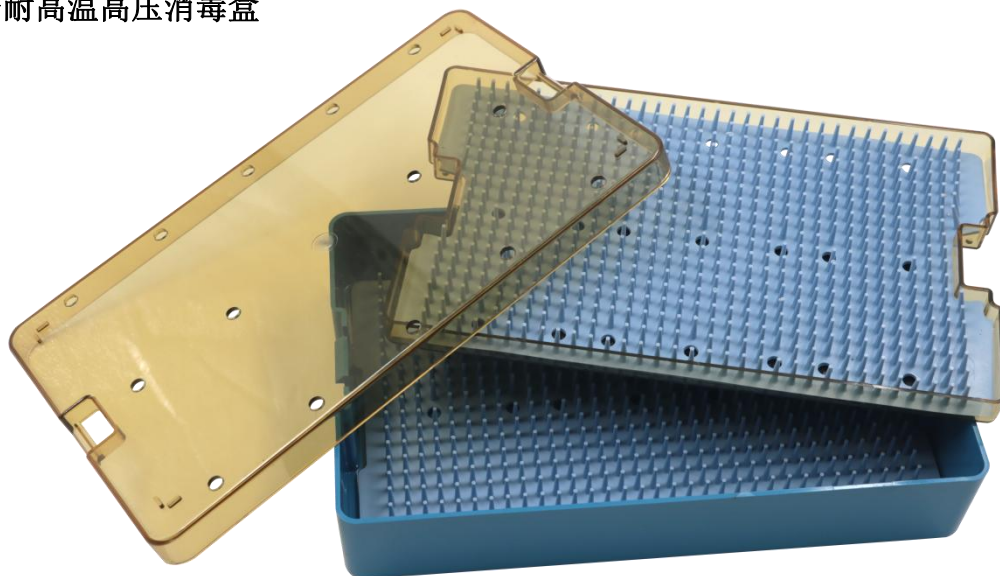
- Dimension:265\*160\*22mm
- Large-sized 大号
- Autoclavable 耐高温高压
- Base & Silicone Mat & Transparent Cover  
透明塑料加硅胶垫



### Sterilization Tray 双层大号耐高温高压消毒盒

**E9087**

- Dimension:265\*160\*42mm
- Large-sized, Double-deck  
大号、双层
- Autoclavable 耐高温高压
- Base & Silicone Mat & Transparent Cover  
透明塑料加硅胶垫



### Sterilization Tray 大号不锈钢耐高温高压消毒盒

**E9082**

- Dimension:255\*153\*23mm
- Large-sized 大号
- Autoclavable 耐高温高压
- Stainless steel Sterilization Tray  
不锈钢加硅胶垫

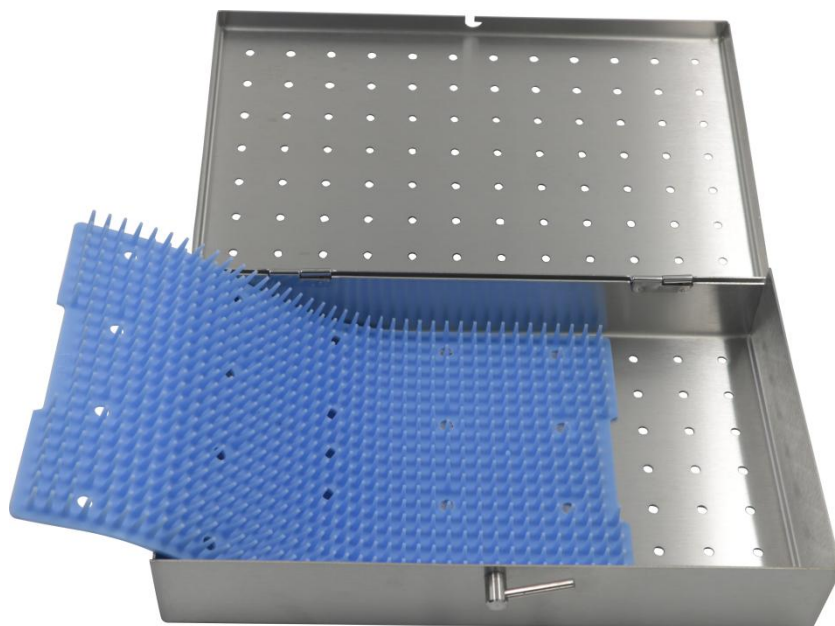


## Sterilization Trays ●

### Sterilization Tray 大号加厚不锈钢耐高温高压消毒盒

E9083

- Dimension: 255\*153\*50mm
- Large-sized, Thicken 大号、加厚
- Autoclavable 耐高温高压
- Stainless steel Sterilization Tray  
不锈钢加硅胶垫



### Sterilization Tray 中号不锈钢耐高温高压消毒盒

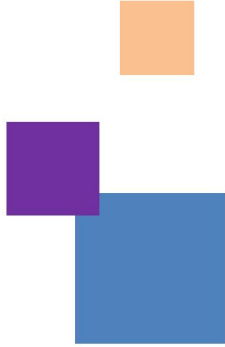
E9084

- Dimension: 215\*135\*23mm
- Middle-sized 中号
- Autoclavable 耐高温高压
- Stainless steel Sterilization  
Tray  
不锈钢加硅胶垫



# Instruments Sets

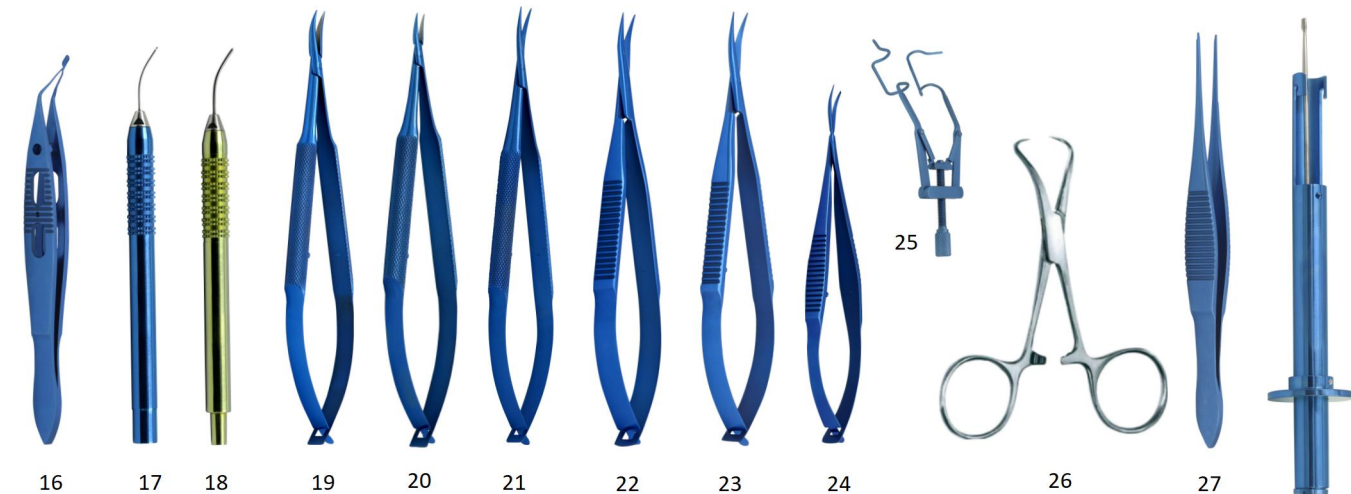
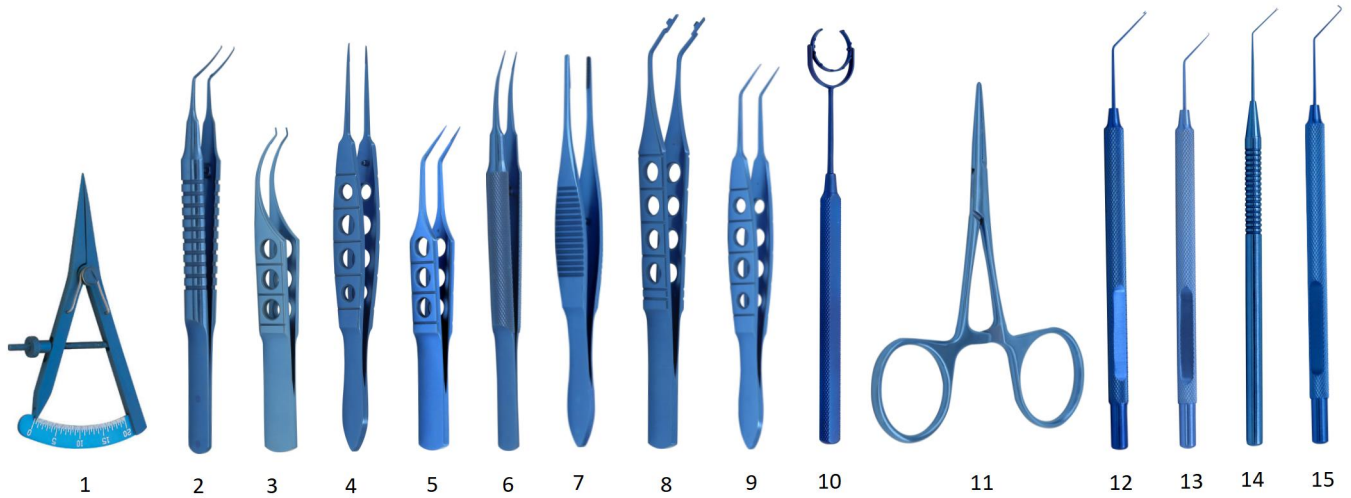
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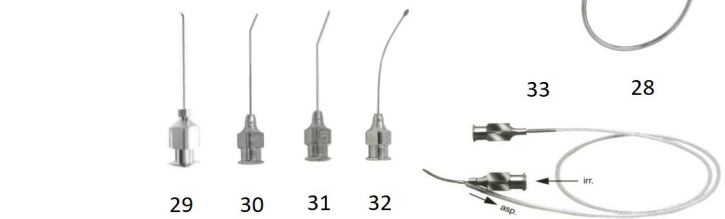
- 1、 PHACOEMULSIFICATION SET
- 2、 EXTRA CAPSULAR CATARTCT EXTRACTION (ECCE) SET
- 3、 PHACO PRECHOP SET
- 4、 ASOL Phaco Capsulorhexis & Prechop Set
- 5、 Bimanual MicroPhaco (MICS) Set

E-1 白内障超声乳化手术器械包 (33 件)

PHACOEMULSIFICATION SET



Reference	Description
1、E9045	Castroviejo Caliper
2、E1542	Corydon Capsulorhexis Forceps
3、E1250	Colibri Corneal Forceps
4、E1330	Castroviejo straight suturing forceps
5、E1112	Mcperson Tying Forceps
6、E1141	Girard Tying Forceps
7、E1051	Dressing Forceps with Dressing Forceps
8、E1621	Seibel Style Lens Folding Forceps
9、E1632	Kelman-Mcperson Lens Forceps
10、E4607a	Fine/Thornton Fixation Ring
11、E1026	Hartmann Hemostatic Mosquito Forceps
12、E4221	Mackool Capsule Retractor
13、E4207	Sinsky Lens Manipulating Hook
14、E4204	Jaffe-Bechert Lens Nucleus Rotator
15、E4327	Nagahara Phaco Chopper
16、E1726	Ernest Nucleus Cracker
17、E6027i	Irrigation Handpiece For Bimanual Technique
18、E6027A	Aspiration Handpiece For Bimanual Technique
19、E2010	Curved Needle Holder
20、E2013	Curved Needle Holder,Extra Fine Jaws

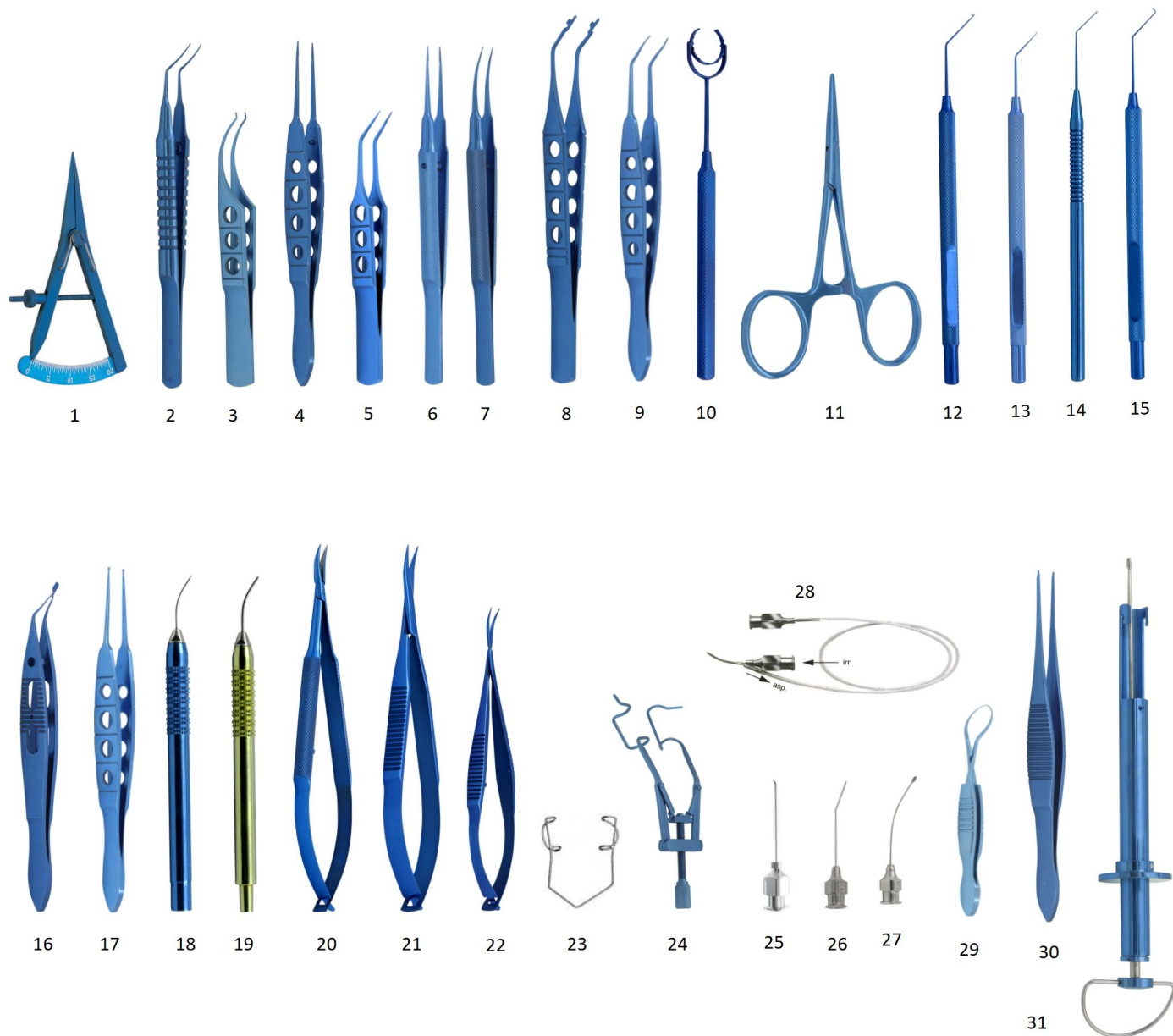


Reference	Description
21、E3261	Castroviejo Corneal Scissors
22、E3751	Westcott Tenotomy Scissors
23、E3750	Westcott Stitch Scissors
24、E3531	Vannas Curved Capsulotomy Scissors
25、E5202	Lieberman Speculum, K-wire
26、E1830	Towel Clamps
27、E1637	Cartridge Loading Forceps
28、E1609	IOL Injector for cartridges
29、E8058-25	Kelman sharp irrigating cystotome
30、E8059-27	Rycroft Anterior Chamber Cannula
31、E8060-25	McIntyre Nucleus Hydrodissection
32、E8002	Posterior Capsule Polisher
33、E8028	Simcoe Double-Barreled I/A



E-2 白内障超声乳化囊外摘除术器械包 (31 件)

EXTRA CAPSULAR CATARTCT EXTRACTION (ECCE) SET

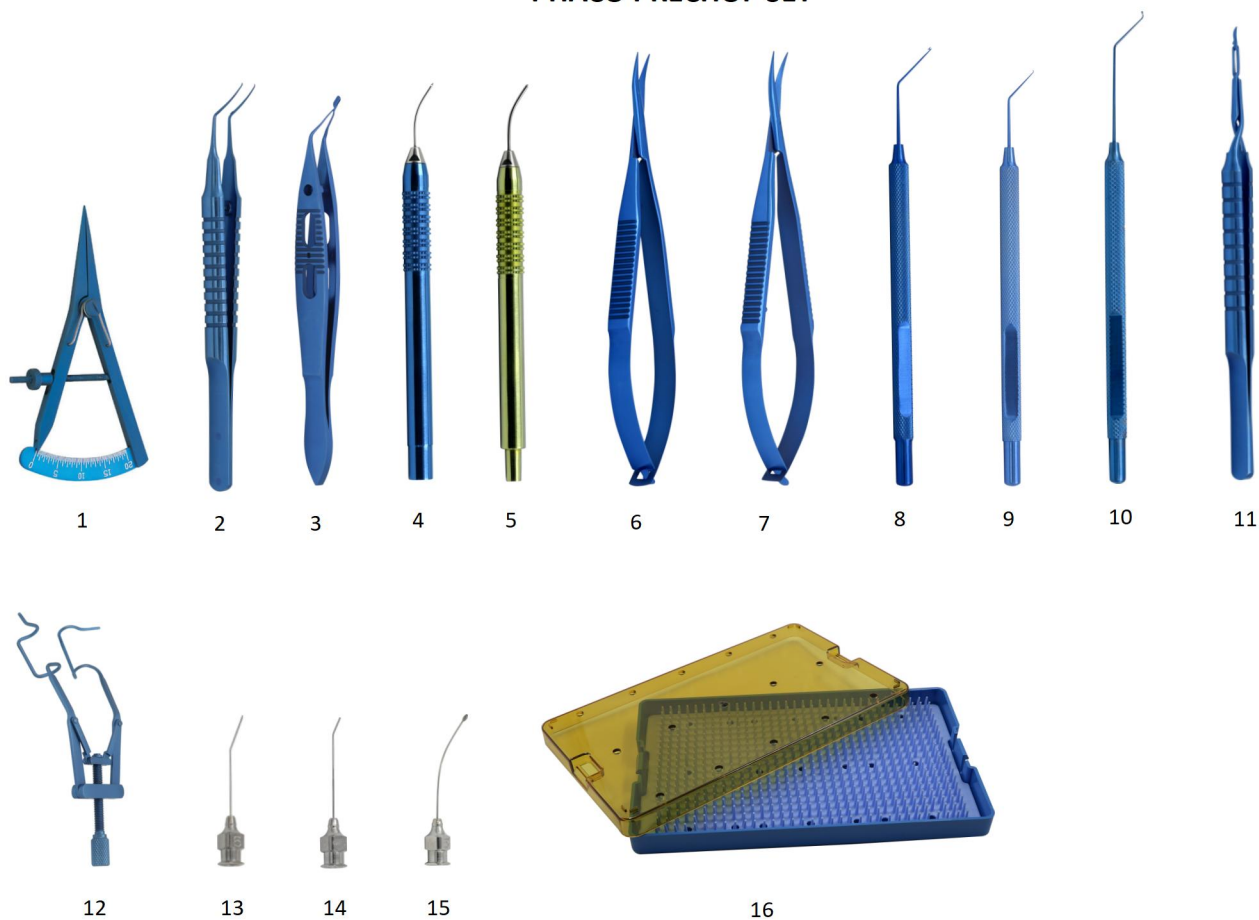


Reference	Description
1、 E9045	Castroviejo Caliper
2、 E1542	Corydon Capsulorhexis Forceps
3、 E1250	Colibri Corneal Forceps
4、 E1330	Castroviejo straight suturing forceps
5、 E1112	Mcperson Tying Forceps
6、 E1140	Girard Tying Forcep,Straight
7、 E1141	Girard Tying Forceps,Curved
8、 E1621	Seibel Style Lens Folding Forceps
9、 E1633	Lens Implantation Forceps
10、 E4607a	Fine/Thornton Fixation Ring
11、 E1026	Hartmann Hemostatic Mosquito Forceps
12、 E4221	Mackool Capsule Retractor
13、 E4207	Sinsky Lens Manipulating Hook
14、 E4204	Jaffe-Bechert Lens Nucleus Rotator
15、 E4327	Nagahara Phaco Chopper
16、 E1726	Ernest Nucleus Cracker

Reference	Description
17、 E1037	Fechtner Conjunctiva Forceps
18、 E6027i	Irrigation Handpiece For Bimanual Technique
19、 E6027A	Aspiration Handpiece For Bimanual Technique
20、 E2010	Curved Needle Holder
21、 E3751	Westcott Tenotomy Scissors
22、 E3531	Vannas Curved Capsulotomy Scissors
23、 E5118	Barraquer Wire Speculum,14mm
24、 E5202	Lieberman Speculum, K-wire
25、 E8061	Chang Nucleus Hydrodissection
26、 E8060-25	McIntyre Nucleus Hydrodissection
27、 E8002	Posterior Capsule Polisher
28、 E8028	Simcoe Double-Barreled I/A
29、 E1829	Towel Clamps
30、 E1637	Cartridge Loading Forceps
31、 E1609	IOL Injector for cartridges

E-3 超声乳化 PRECHOP 手术器械包 (16 件)

PHACO PRECHOP SET

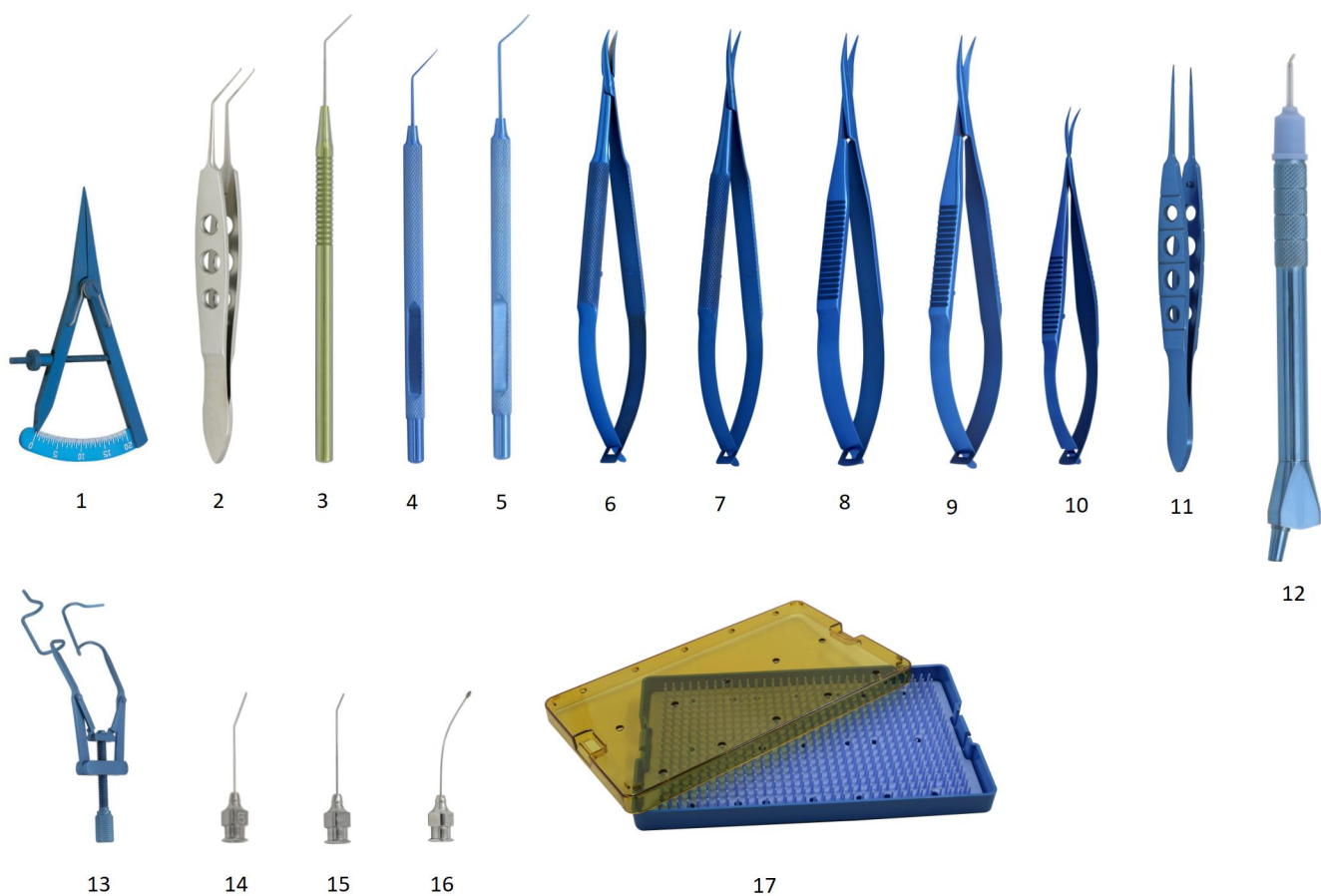


Reference	Description
1、 E9045	Castroviejo Caliper
2、 E1542	Corydon Capsulorhexis Forceps
3、 E1726	Ernest Nucleus Cracker
4、 E6027i	Irrigation Handpiece For Bimanual Technique
5、 E6027A	Aspiration Handpiece For Bimanual Technique
6、 E3751	Westcott Tenotomy Scissors
7、 E3750	Westcott Stitch Scissors
8、 E4221	Mackool Capsule Retractor
9、 E4207	Sinsky Lens Manipulating Hook

Reference	Description
10、 E4220	Akahoshi Prechopper manipulator
11、 E1716a	Akahoshi Combo III Pre-chopper
12、 E5202	Lieberman Speculum, K-wire
13、 E8060-25	McIntyre Nucleus Hydrodissection
14、 E8059-27	Rycroft Anterior Chamber Cannula
15、 E8002	Posterior Capsule Polisher
16、 E9081	Sterilization Tray

**E-4 ASOL 超声乳化 PRECHOP 手术器械包 (17 件)**

**ASOL PHACO CAPSULORHEXIS & PRECHOP SET**



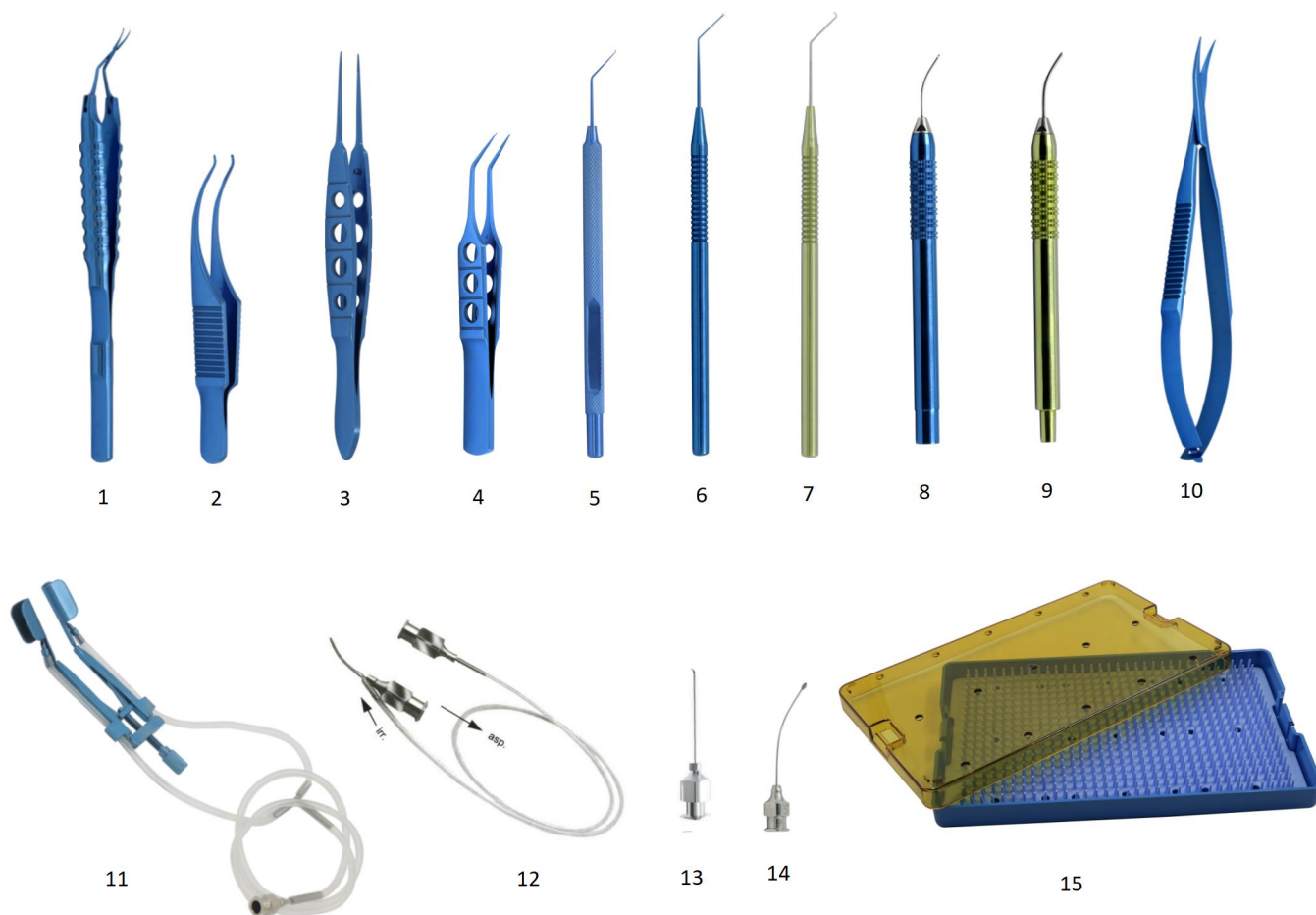
Reference	Description
1、 E9045	Castroviejo Caliper
2、 E1545	ASOL Capsulorhexis Forceps
3、 E4327	Nagahara Phaco Chopper,1.6mm
4、 E4207	Sinsky Lens Manipulating Hook
5、 E4104	Synechia Spatula
6、 E2010	Curved Needle Holder
7、 E3261	Castroviejo Corneal Scissors
8、 E3751	Westcott Tenotomy Scissors
9、 E3750	Westcott Stitch Scissors
10、 E3531	Vannas Curved Capsulotomy Scissors
11、 E1230	Toothed Corneal Forceps
12、 E6015	I/A Handpiece for Coaxial Phaco 23G

Reference	Description
13、 E5202	Lieberman Speculum, K-wire
14、 E8060-25	McIntyre Nucleus Hydrodissection
15、 E8059-27	Rycroft Anterior Chamber Cannula
16、 E8002	Posterior Capsule Polisher
17、 E9081	Sterilization Tray



E-5 双手 I/A 小切口超乳手术器械包 (15 件)

Bimanual I/A MicroPhaco (MICS) Set



Reference	Description
1、 E1572	Small Incision Capsulorhexis Forceps
2、 E1351	Colibri Toothed Forceps,0.12 teeth
3、 E1330	Castroviejo straight suturing forceps,0.12 teeth
4、 E1114	Mcperson tying forceps
5、 E4207	Sinsky Lens Manipulating Hook
6、 E4203	Jaffe-Bechert lens nucleus rotator
7、 E4327	Nagahara Phaco Chopper,1.6mm
8、 E6027i	Irrigation Handpiece For Bimanual Technique
9、 E6027A	Aspiration Handpiece For Bimanual Technique
10、 E3752	Westcott Tenotomy Scissors

Reference	Description
11、 E5501	Lindstrom-chu aspirating speculum
12、 E8061	Chang Nucleus Hydrodissector,27G
13、 E8002	Posterior Capsule Polisher
14、 E8028	Simcoe double-barreled I/A unit, 25G
15、 E9081	Sterilization Tray



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- ✉ Email: asol@asolmed.com
- 🌐 <https://www.asolmed.com>

**ASOL**  
surgical instruments

Quality from the details