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At Katalyst Surgical, we believe that the customer is always right. It is our goal to provide superior service paired with high quality ophthalmic products at a cost savings to our customers.

UNLIMITED LIFETIME REPLACEMENTS PROGRAM or "ULR PROGRAM"

All titanium ophthalmic surgical instruments from Katalyst Surgical come with our ULR program, which is intended to eliminate the hassles associated with repairs. THIS IS NOT an added-cost extended warranty program! For the life of the instrument, you have the option of replacing a broken instrument with a brand new one for 50% off of the new instrument price!

TITANIUM OPHTHALMIC PRODUCTS, STAINLESS STEEL PRICES:

Katalyst Surgical offers high quality titanium instruments for up to 1/2 the price of stainless steel.

NO RISK GUARANTEE:

ALL Katalyst Surgical instruments, excluding custom ordered or custom etched instruments can be evaluated for quality, style and craftsmanship for up to 30 days from its date of invoice. Any instrument returned for failure to meet your expectation will be refurbished or replaced at no charge.

LIFETIME WARRANTY against corrosion:

ALL Katalyst Surgical titanium instruments are guaranteed FOR LIFE against corrosion.

LIFETIME GUARANTEE against Manufacturing Defects:

ALL Katalyst Surgical instruments are unconditionally guaranteed to be free of manufacturing defects for the life of the instrument. Any instrument determined by Katalyst Surgical to have a manufacturing defect will be repaired or replaced at no charge to our customer.

WARRANTY EXCEPTIONS

Warranties are not valid for Katalyst Surgical instruments proven defective as a result of improper care and cleaning or misuse. Instruments or products that are damaged in fire, flood, or other acts or disasters are also excluded from warranty. Katalyst Surgical makes no other representations and warranties regarding its instruments or products, either express or implied. In no event will Katalyst Surgical, Inc. be liable for any incidental, special or exemplary damages or loss of profits in connection with the use of Katalyst Surgical instruments and products.

COMMITTED TO OUR CUSTOMERS:

Your business is important to us. We would greatly appreciate your feedback on our ophthalmic surgical instruments and services. Please let us know how we can better serve our customers!

Katalyst™ Surgical, LLC

888-4KATALYST (888 452-8259) Tel 636 536-5950 Fax 636 787-0603
754 Goddard Ave., Chesterfield, MO 63005 www.katalystsurgical.com



Coaxial Handle
0-HANDLE



Silicone Sleeve
IA-SIL Replacement sleeves, box of 10



Silicone 45°
01621S3-45 Silicone outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft, 45° tip



Silicone Curved
01621S3-C Silicone outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, curved shaft

Silicone Straight
01621S3-S Silicone outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft



Titanium 45°
01621T3-45 16ga outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft, 45° tip



Titanium 90°
01621T3-90 16ga outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft, 90° tip



Titanium 150°
01621T3-150 16ga outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft, 150° tip

KatalystTM

Surgical, LLC



Titanium Curved

01621T3-C

16ga outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, curved shaft

01621T5-C

16ga outer sleeve, 21ga closed inner cannula tip with .5mm aspirating port, curved shaft



Titanium Straight

01621T3-S

16ga outer sleeve, 21ga closed inner cannula tip with .3mm aspirating port, straight shaft

01621T5-S

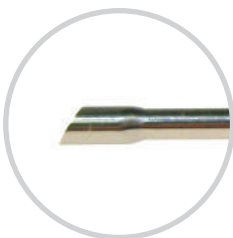
16ga outer sleeve, 21ga closed inner cannula tip with .5mm aspirating port, straight shaft



Wiley Phaco Free I/A Tip

01619S-W

Designed in cooperation with Dr. William Wiley to dramatically reduce phaco time when used in conjunction with the Femto second laser



Bafna Phaco Free I/A Tip

01619S-B

Designed in cooperation with Dr. Shamick Bafna to dramatically reduce phaco time when used in conjunction with the Femtosecond laser



23ga Irrigator/Iris Manipulator

1400-23

Designed to manipulate the iris and provide direct visualization into the equatorial lens capsule to ensure complete removal of cortex



23ga Aspirator/Capsule Polisher

1500-23

For use with the 1400-23 Irrigating Manipulator. Designed to ensure complete removal of cortex



Air Injection Cannula

- | | |
|---------|---|
| 1000-27 | 45° angled shaft, 5mm from tip to bend, polished finished, 27ga |
| 1000-30 | 45° angled shaft, 5mm from tip to bend, polished finished, 30ga |



McIntyre Anterior Chamber Cannula

- | | |
|---------|---|
| 1020-26 | Angled blunt tip, 12mm from tip to bend, 26ga |
| 1020-30 | Angled blunt tip, 12mm from tip to bend, 30ga |

Anterior Chamber Cannula (10/box, sterile, disposable)

- | | |
|-----------|------|
| DV1020-27 | 27ga |
| DV1020-30 | 30ga |



Knolle Irrigating Cannula

- | | |
|---------|---|
| 1025-23 | Blunt tip, 45° angled shaft, 2mm from tip to bend, 23ga |
| 1025-25 | Blunt tip, 45° angled shaft, 2mm from tip to bend, 25ga |
| 1025-30 | Blunt tip, 45° angled shaft, 2mm from tip to bend, 30ga |



Irrigating Vectus Cannula

- | | |
|---------|--|
| 1040-20 | Irrigating loop with three ports, 20ga |
|---------|--|



Viscoelastic Injection Cannula

- | | |
|---------|---|
| 1050-21 | 50° angled shaft, 5mm from tip to bend, flattened rounded tip, 21ga |
|---------|---|



Bishop Harmon Irrigating Cannula

- | | |
|------------|---|
| 1100-19 | 30° angled shaft, 5mm from tip to bend, flattened round blunt tip, 19ga |
| 1100-19SET | Includes: 1100-19, adapter, and silicone bulb |
| 1100-21 | 30° angled shaft, 5mm from tip to bend, flattened round blunt tip, 21ga |



Shepard Incision Irrigating Cannula

1101-30 Flattened tip, 5mm from tip to bend, 30ga



Bracken Irrigating Cannula

1102-19 Smooth, beveled front opening, 19ga



J-shaped Hydrodissection Cannula

1110-25 25ga
1110-30 30ga



Binkhorst Irrigating Cannula

1111L-22 22ga hooked left
1111L-25 25ga hooked left
1111L-26 26ga hooked left
1111R-22 22ga hooked right
1111R-25 25ga hooked right
1111R-26 26ga hooked right
1112L-26 26ga hooked left, fits through 2.2mm incision
1112R-26 26ga hooked right, fits through 2.2mm incision



Troutman Olive Tip Cannula

1120-25 1mm smooth bulbous tip, angled, 16mm from tip to bend, 25ga



Disposable Olive Tip Cannula

D1120-25 1mm smooth bulbous tip, angled, 16mm from tip to bend, 25ga



Randolph Cyclodialysis Cannula

1150-19 Flattened shaft, 12mm from tip to bend, 19ga



Kellan Hydrodelineation Cannula

1200-25 Gently curved 25ga cannula with tip beveled down for use during hydrodelineation of the lens nucleus



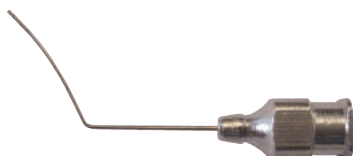
Lateral Hydrodissection Cannula

1223-25 Side port for distributing fluid around the nucleus, 25ga



Kellan Hydrodissection Cannula

1225-25 Gently curved 25ga cannula with flattened blunt tip to slip under the anterior capsular flap



Nichamin Hydrodissection Cannula

Curved cannula designed to follow the scleral tunnel incision and anterior lens capsule to provide less deformation of the wound and less loss of the anterior chamber. The unique flattened tip allows for a better fit under the capsular leaflet.

1226-25 25ga

1226-27 27ga



Hydrodissection Cannula

1227-25 Flattened shaft, 8mm from tip to bend, 25ga

1227-27 Flattened shaft, 8mm from tip to bend, 27ga

1228-26 Flattened shaft, 12mm from tip to bend, 26ga



Chang Hydrodissection Cannula

1229-27 1.5mm flat beveled tip, angled 90°, 27ga



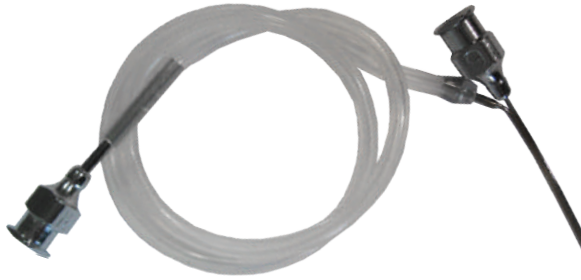
Simcoe Cortex Extractor

1240-23 23ga



Osher J Cannula

1245-27 27ga



23ga cannula with .3mm aspiration port and curved shaft

Simcoe Double-Barreled I/A Unit

1250-23 Irrigation through main hub, aspiration through silicone tubing, 23ga
 (Reverse)1250-23R Irrigation through silicone tubing, aspiration through main hub, 23ga



Irrigating Lens Nucleus Loop

1260-25L Left loop with two front ports, 25ga
 1260-25R Right loop with two front ports, 25ga



Curved Lacrimal Cannula

1300C-23 10mm curved, 23ga tip



Lacrimal Cannula

1300S-23 Straight, 23ga



Straight Lacrimal Cannula

1310-23 10mm straight, 23ga tip



West Lacrimal Cannula
1320-23 23ga



Disposable Korenfeld Sub Tenon's Infusion Cannula
D1800-19 19ga, sterile, sold 10 per box



Posterior Capsule Polisher
4300-23 23ga
4300-25 25ga
4300-27 27ga

Titanium impregnated on
posterior surface of olive tip.
Front opening, gently curved.

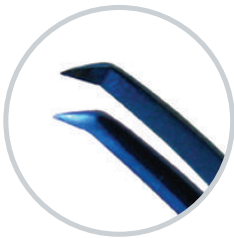


Kratz Capsule Scraper
4500-23 23ga cannula with 1mm angled sandblasted tip



Utrata Capsulorhexis Forceps, MICS

- 3000A-85 13mm fine angled straight shaft, 1.8mm opening spread, 85mm length
- 3000A-108 13mm fine angled straight shaft, 1.8mm opening spread, 108mm length



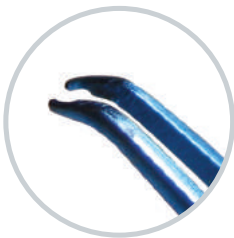
Utrata Capsulorhexis Forceps, fine sharp tips, cystotome teeth

- 3000C-85 12mm angled curved shaft, 85mm length
- 3000S-85 12mm angled straight shaft, 85mm length



Bloomberg-Pierse Capsulorhexis Forceps

- 3001C-85 14mm angled curved shaft, 85mm length
- 3001S-85 14mm angled straight shaft, 85mm length
- 3001S-115 14mm angled straight shaft, 115mm length



Bloomberg-Pierse Capsulorhexis Forceps, Round Handle

- 3002C-105R 12mm angled curved shaft, 105mm length



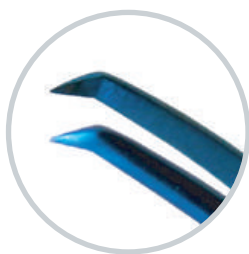
Bloomberg-Pierse Capsulorhexis Forceps

- 3002C-85 12mm angled curved shaft, 85mm length
- 3002C-115 12mm angled curved shaft, 115mm length



O'Gawa-Utrata Capsulorhexis Forceps, fine tips, cystotome teeth

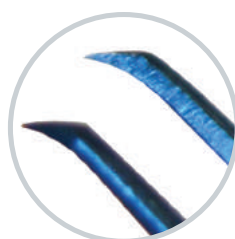
- 3003C-105R 12mm angled curved shaft, 105mm length
- 3003S-105R 12mm angled straight shaft, 105mm length



Utrata Capsulorhexis Forceps, cystotome teeth
3004C-105R 10mm angled curved shaft, 105mm length



Lehner-Utrata Capsulorhexis Forceps, fine sharp tips, cystotome teeth
3005C-105R 12mm angled curved shaft, 105mm length



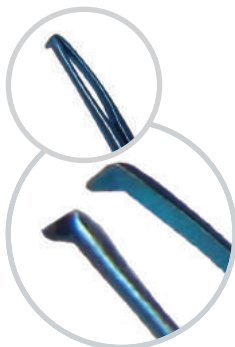
Corydon Capsulorhexis Forceps, fine sharp tips, cystotome teeth
3006C-85 12mm angled curved shaft, 85mm length
3006C-115 12mm angled curved shaft, 115mm length



Nevyas Capsulorhexis Forceps, fine tips, cystotome teeth
3008S-108 11mm angled straight shaft, 108mm length



Capsulorhexis Forceps, cystotome teeth
3009C-120 12mm angled curved shaft, 120mm length
3009S-120 12mm angled straight shaft, 120mm length



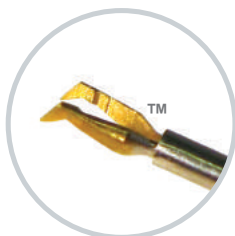
Giannetti MICS Capsulorhexis Forceps, cystotome teeth

3010C-101R	For 1.65mm incision. 11mm angled curved shaft, 101mm length
3010C-101RSS	For 1.5mm incision. 11mm angled curved shaft, 101mm length (STAINLESS)
3010S-101R	For 1.65mm incision. 11mm angled straight shaft, 101mm length



Paradigm MICS Capsulorhexis Forceps - STAINLESS STEEL

3011-117	For sub 1.5mm incision, straight shaft, sharp tips, 117mm length
3011-117B	For sub 1.5mm incision, straight shaft, blunt tips, 117mm length
3011C-117	For sub 1.5mm incision, vaulted shaft, sharp tips, 117mm length



Patented

ISOCLEAN™ MICS Capsulorhexis Forceps, cystotome teeth

3050C-M23G	23ga curved shaft forceps featuring cystotome teeth for tearing the capsular bag. Flushable internal lumen allows for thorough cleaning. Featuring gold tips designed to reduce tissue sticking.
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Patented

iQ™ MICS Capsulorhexis Forceps, cystotome teeth

30C23-iQ	23ga curved shaft forceps with flush through lumen allows for thorough cleaning and reduces the risk of TASS. Sharp tips.
30C23B-iQ	Blunt tips



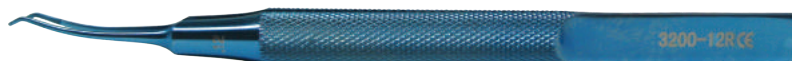
Chalazion Forceps, Oval

3100-1214 12 x 14mm, 98mm length



Chalazion Forceps, Round

3100-R8	8mm, OD 11mm, ID 8mm, 98mm length
3100-R15	15mm, OD 18mm, ID 15mm, 98mm length
3100-R20	20mm, OD 23mm, ID 20mm, 98mm length
3100-R25	25mm, OD 28mm, ID 25mm, 98mm length



Colibri Corneal Forceps

3200-12R 1 x 2 teeth, .12mm teeth with tying platforms, 105mm length



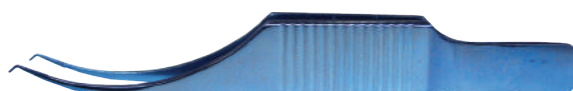
Harms-Colibri Corneal Forceps

3201-12 1 x 2 teeth, .12mm teeth with tying platforms, 75mm length

3201-12D Delicate 1 x 2 teeth, 75mm length

3201-3 1 x 2 teeth, .30mm teeth with tying platforms, 75mm length

3201-5 1 x 2 teeth, .50mm teeth with tying platforms, 75mm length



Korenfeld Globe Fixation Forceps featuring fixation grooves

3201-12-F 1 x 2 teeth, .12mm teeth with tying platforms, 75mm length

3201-3-F 1 x 2 teeth, .3mm teeth with tying platforms, 75mm length

Suture Cutting

3201-12-FSC 1 x 2 teeth, .12mm teeth with tying platforms, 75mm length



Colibri Forceps

3202-85 1 x 2 teeth, .12mm teeth with tying platforms, 85mm length

3202-115 1 x 2 teeth, .12mm teeth with tying platforms, 115mm length



Pierse-Colibri Corneal Forceps

3203-75 With tying platforms, 75mm length



Pierse Corneal Forceps

3204C-115 Curved, delicate, 115mm length

3204S-115 Straight, delicate, 115mm length



Hofmann-Polack Corneal Suturing Forceps

3205-115 1mm spread, .2mm teeth, 115mm length



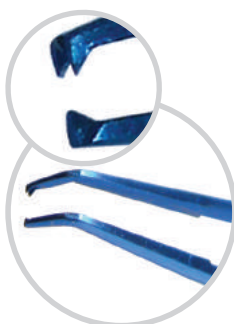
Polack Corneal Suturing Forceps

3206-115 1mm spread, delicate 1 x 2 .12mm teeth, 115mm length



Polack Corneal Suturing Forceps, Colibri Style

3207-75 2.75mm tips, 1mm spread, 1 x 2 teeth, 75mm length



Maumenee/Colibri Cross-Action Forceps

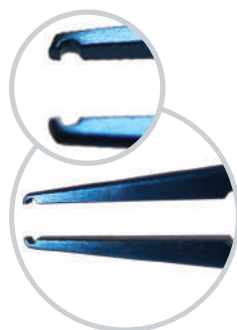
3208-125 1 x 2 teeth, .12mm teeth with tying platforms, 45° tips, 125mm length

3209-125 1 x 2 teeth, .12mm teeth with tying platforms, 90° tips, 125mm length



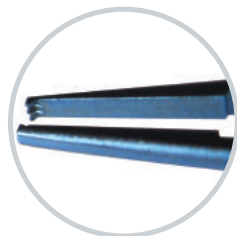
Bonn Fixation Forceps, 1 x 2 teeth

- 3300-3 .3mm teeth, 108mm length
- 3300-5 .5mm teeth, 108mm length



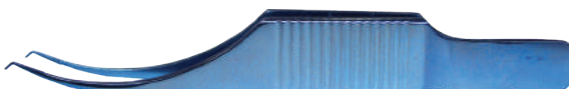
Pierse Straight Fixation Forceps, with tying platforms

- 3301-85 Standard, 85mm length
- 3301-115 Standard, 115mm length
- 3302-85 Ultrafine, 85mm length



Thorpe Fixation Forceps, .12mm 2 x 3 teeth

- 3306-12 5mm tying platform, 94mm length



Korenfeld Globe Fixation Forceps featuring fixation grooves

- 3201-12-F 1 x 2 teeth, .12mm teeth with tying platforms, 75mm length
- 3201-3-F 1 x 2 teeth, .30mm teeth with tying platforms, 75mm length



Angled Jeweler Forceps
3151-A .05 x .01mm tip



Curved Jeweler Forceps
3151-C .07 x .03mm tip



Straight Jeweler Forceps

- 3151-S .05 x .01mm tip
- 3152-S .1 x .06mm tip
- 3153-S .3 x .3mm tip
- 3155-S .5 x .5mm tip



Kelman-McPherson Forceps, 45° angled shafts, 7.5mm smooth jaws

3400-85 85mm length
3400-115 115mm length



Bechert-McPherson Angled Forceps, 10mm smooth jaws

3401-108 Very delicate, 108mm length



Kelman-McPherson Lens Holding Forceps

3402-102 102mm length



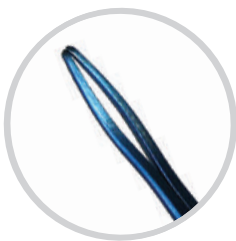
Anis Lens Forceps, 45° angled 9mm smooth jaws

3409-115 Very delicate, 115mm length



Seibel Lens Folding Forceps

3412-115 Tying platforms for tucking the haptics into folded 6mm IOL
115mm length



Lens Implantation Forceps

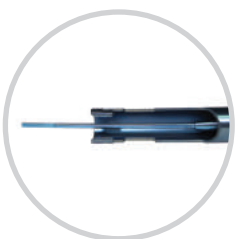
3416-115 Smooth surface, round edges gently grip lens, 115mm length



Lens Implantation Forceps Standard Cross-Action

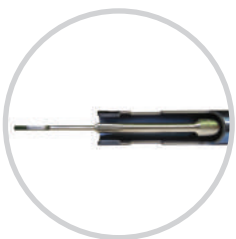
3418-108 Smooth rounded curved jaws, without lock, 108mm length

3418-108L Smooth rounded curved jaws, with lock, 108mm length



Monarch II IOL Injector

3430-2 For inserting Monarch II IOL



Monarch III IOL Injector

3430-3 For inserting Monarch III IOL



IOL Loading Forceps

3431 Smooth corners on grasping edges to avoid damaging IOLs, 108mm length



Patented

23ga ISOCLEANTM Iridectomy Forceps, Straight Shaft

3450S-M23G

23ga for use through the paracentesis. Serrated jaws effectively grasp the iris. Featuring gold tips designed to reduce tissue sticking.

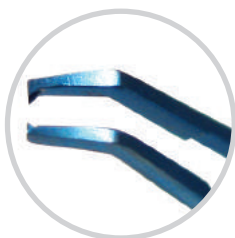


Patented

ISOCLEANTM ICL Forceps

3460-M20G

Designed to grasp the ICL without damage. Featuring gold tips designed to reduce tissue sticking.



Botvin Iris Forceps

3500-85

1 x 2 teeth, .10mm for peripheral iridectomies, 85mm length



Watzke Sleeve Spreader Forceps - STAINLESS STEEL

3505

10mm serrated teeth, 144mm length



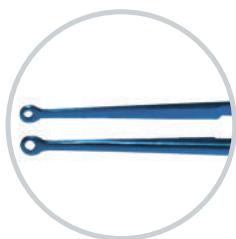
Nucleus Fragment Forceps

3510-110 Two rows of teeth grasp nucleus fragments, 110mm length



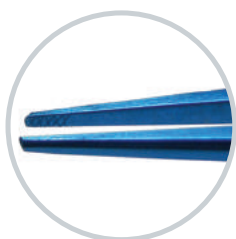
Nugent Utility Forceps - STAINLESS STEEL

3515-108 10mm criss-cross serrated jaws, 108mm length



Fechtner Conjunctiva Forceps

3520-112 Very delicate ring tips with tying platforms, 112mm length



Bishop-Harmon Dressing Forceps

3525-85 .6mm criss-cross serrated tips, 85mm length



Conjunctiva Forceps

3526-108 Serrated jaws, 108mm length



Hartman Hemostatic Mosquito Forceps, 20mm serrated jaws

3530C-108	Curved, 95mm length
3530C-122	Curved, 122mm length
3530S-108	Straight, 95mm length
3530S-122	Straight, 122mm length



Cilia Forceps

3540-72 72mm length



Scleral Plug/Cannula Forceps

3545-118 114mm length



Serrefine Clamps

3555-38 Serrated Jaws, 38mm length



Akahoshi Prechopper Cross-action Curved Shafts

3564-120 12mm shafts, maximum tip opening 3mm, 120mm length



Universal Akahoshi Prechopper, Straight

3572S-120R For nuclei grades 2-4. Maximum tip opening 3.0mm
120mm length



Akahoshi Combo Prechopper, Straight

3574S-120R For nuclei grades 1-2. The sharp edge is used to insert into the nucleus, followed by the blunt edge to complete the division.
120mm length



Nucleus Cracker

3580-90 Straight, reverse action instrument, solid paddle shaped tips, 90mm length



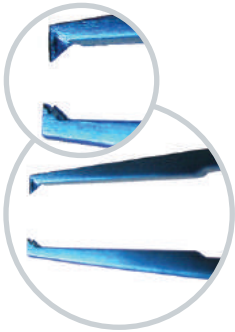
Nucleus Cracker

3581-90 Angled micro cracker with solid serrated paddles, cross action, for use through a 2mm incision, 90mm length



Nucleus Cracker

3582-90 Curved, cross-action serrated paddles for use through a 3mm incision, 90mm length



Straight Suturing Forceps, 1 x 2 teeth, 5mm tying platforms

3600S-10-85	.10mm teeth, 85mm length
3600S-12-85	.12mm teeth, 85mm length
3600S-12-105R	.12mm teeth, 105mm length, round handle
(\$350 value) 3600S-12-108	.12mm teeth, 108mm length Free with first \$100 order!
3600S-30-108	.3mm teeth, 108mm length



Straight Castroviejo Suturing Forceps, 1 x 2 teeth, 5mm tying platforms

3601S-12-85	.12mm teeth, 85mm length
3601S-12-108	.12mm teeth, 108mm length
3601S-12-115	.12mm teeth, 115mm length
3601S-30-108	.3mm teeth, 108mm length
3601S-50-108	.5mm teeth, 108mm length



Angled Kelman-McPherson Suturing Forceps

3602A-12-85	.12mm 1 x 2 teeth, 5mm tying platforms, 10mm shafts, 85mm length
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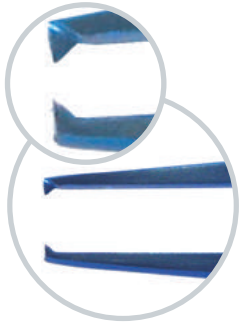
Colibri Conjunctiva Forceps, 1 x 2 teeth, 5mm tying platforms

3603-12-85	.12mm teeth
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Colibri Suturing Forceps, 1 x 2 teeth, .12mm teeth with tying platforms

3604-12-85	85mm length
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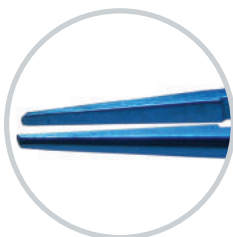
Tissue Forceps

- 3701-85 Bishop-Harmon 1 x 2 delicate teeth, 85mm length
- 3702-85 Bonn Forceps 1 x 2 teeth, .12mm teeth, 85mm length



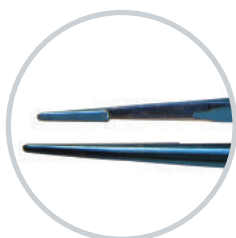
Tissue Forceps, 1 x 2 delicate teeth

- 3703S-100 Straight, 100mm length



McPherson Straight Tying Forceps, 4.5mm tying platforms

- | | |
|----------|------------------------------|
| 3800-85 | Standard tips, 85mm length |
| 3800-115 | Standard tips, 115mm length |
| 3801-85 | Ultrafine tips, 85mm length |
| 3801-115 | Ultrafine tips, 115mm length |



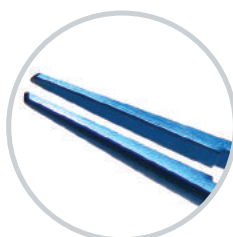
Korenfeld Suture Cutting Tying Forceps, 4.5mm tying platforms

- | | |
|------------|---|
| 3800-85-SC | Standard tips, straight shaft, 85mm length |
| 3802-85-SC | Standard tips, 45° angled 12mm shaft, 85mm length |



McPherson 45° Angled Tying Forceps, 4.5mm tying platforms

- | | |
|----------|--|
| 3802-85 | Standard tips, 12mm shaft, 85mm length |
| 3802-115 | Standard tips, 12mm shaft, 115mm length |
| 3803-85 | Ultrafine tips, 7mm shaft, 85mm length |
| 3804-85 | Ultrafine tips, 10mm shaft, 85mm length |
| 3805-85 | Ultrafine tips, 12mm shaft, 85mm length |
| 3805-115 | Ultrafine tips, 12mm shaft, 115mm length |



Curved Tying Forceps, 6.0mm tying platforms

- | | |
|----------|--------------|
| 3806-85 | 85mm length |
| 3806-115 | 115mm length |



Castroviejo Tying Forceps, 5.0mm tying platforms

- | | |
|-----------|--------------------------|
| 3807A-108 | Angled 45°, 108mm length |
| 3807S-108 | Straight, 108mm length |



Girard Tying Forceps, 4.5mm tying platforms

3808C-105 Curved, 105mm length

3808S-105 Straight, 105mm length



McPherson Angled Tying Forceps, 45° angled shafts, 4mm smooth jaws

3810-85 85mm length



Kelman-McPherson Forceps, 45° angled shafts, 7.5mm smooth jaws

3400-85 Delicate tips, 85mm length

3400-115 Delicate tips, 115mm length



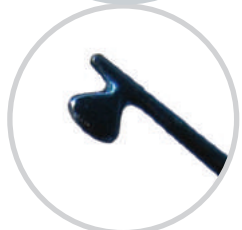
Bechert-McPherson Angled Forceps, 10mm smooth jaws

3401-108 Very delicate, 108mm length



Kuglen Iris Hook and Lens Manipulator

2000A Angled
2000S Straight



Kuglen Push/Pull Hook

2000AP Angled
2000SP Straight



Sinskey Hook II

2001A .15mm diameter blunt tip, angled shaft
2001S .15mm diameter blunt tip, straight shaft



Reverse Sinskey Hook II

2001AR .15mm blunt tip, angled shaft
2001SR .15mm blunt tip, straight shaft



Fenzel Insertion Hook

2002A Angled shaft
2002S Straight shaft



Jaffe-Knolle Iris Hook

2003A Angled, curved blunt hook
2003S Straight, curved blunt hook



Lewicky Lens Manipulating Hook, Angled

2004 90° angled tip on curved shaft, .15mm blunt tip



Fukasaku Small Pupil Snapper Hook

2005 Smooth polished notch superiorly to push back iris with sharp inner edge for nucleus splitting.



Helveston Muscle Hook

- 2006-8 Delicate, blunt 8mm spatulated tip
- 2006-10 Delicate, blunt 10mm spatulated tip
- 2006-12 Delicate, blunt 12mm spatulated tip



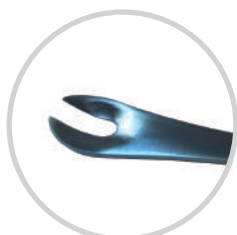
Schepens Retractor - STAINLESS STEEL

- 2009 Orbital retractor, smooth 14mm x 56mm notched blade



Graefe Strabismus Hook - STAINLESS STEEL

- 2010-8 8mm
- 2010-9 9mm
- 2010-10 10mm



Schepens Forked Retractor

- 2012 Smooth 12mm x 40mm notched blade



Curved Tenotomy Hook

- 2013



Jameson Muscle Hook

- 2014-L Large spatulated
- 2014-S Small spatulated



Strabismus Hook

- 2015 Flat 7mm wide hook



Gass Retinal Detachment Hook - STAINLESS STEEL

2100 Oval Hook



Bechert Nucleus Rotator

2500H Horizontal blunt forked tip
2500V Vertical blunt forked tip



Lester Lens Manipulator

2501A Angled, for lens with or without holes
2501S Straight, for lens with or without holes



O'Gawa Lens Dialer

2502 Angled curved shaft



Drysdale Nucleus Manipulator

2503 Paddle shaped tip
2503F Paddle shaped tip, fine profile
2503S Paddle shaped tip, sharp edge



Button Manipulator

2504 Angled 45° shaft, roughened posterior surface, designed for iris retraction and capsule polishing.
2504S Straight shaft



Maltzman-Fenzel Lens Manipulator

2505A Angled, .15mm V-shaped tip
2505S Straight, .15mm V-shaped tip

Katalyst[™]

Surgical, LLC



Connor Wand, curved tip

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

- 2506A Angled shaft
- 2506S Straight shaft



Nucleus Manipulator

- 2507 Designed to safely spin, chop, and backcrack a nucleus using less phaco time. Used for sweeping nucleus fragment toward a phaco tip in the central safety zone for safe emulsification, with less stress to the zonules. Perfect for dialing intraocular lenses in and out of the bag.



90° Nucleus Manipulator, Angled

- 2508 Designed to safely spin, chop, and backcrack a nucleus using less phaco time. Used for sweeping nucleus fragment toward a phaco tip in the central safety zone for safe emulsification, with less stress to the zonules. Perfect for dialing intraocular lenses in and out of the bag.



Paton Spatula and Spoon, Double Ended

2509



Phaco Splitter and Nucleus Rotator

2510



Battle ICL Manipulator

2511



ICL Manipulator

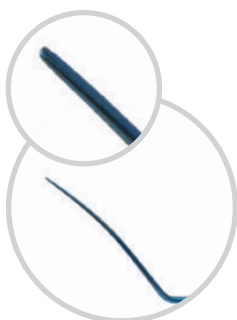
- 2520 Manipulates inferior and superior haptic of lens for positioning under the iris. Posterior surface is micro sandblasted.





Chetan Soni Double-Ended Chopper

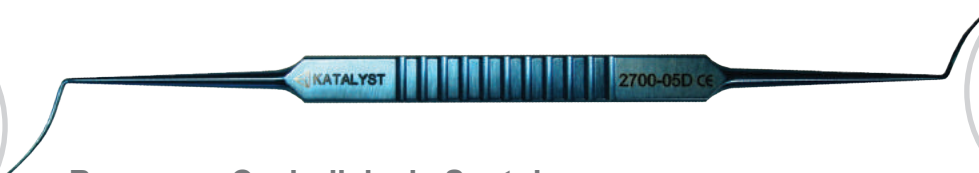
2600D Seibel chopper/Koch spatula



Barraquer Cyclodialysis Spatula

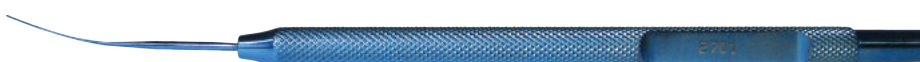
2700-05 Semi-sharp .5mm tips

2700-07 Semi-sharp .7mm tips



Barraquer Cyclodialysis Spatula

2700-05D Semi-sharp .5mm vaulted tips. Double-ended 10mm tip to bend and 15mm tip to bend



Sinskey Nucleus Spatula

2701 .25mm wide x 31mm length, slightly curved blade



Koch Spatula - STAINLESS STEEL

2710 Gently curved smooth tip

Carbon Fiber Handles, 6-STM Tip Material, and Left & Right ChiralTM Options

Carbon Fiber Handles - optimized diameter and strength to weight ratio provide superior ergonomic comfort.

6-STM Tip Material – this un-bendable material reduces instrument damage and ensures delicate instruments maintain their original configuration.

ChiralTM Options – Left and Right handed design options offer easier access to all clock hours. The “Center” option lies on an “Axis of Ergonomic Bliss”TM



6-STM Kuglen Push/Pull, Angled, Carbon Fiber Handle

2000AP-6	Center
2000AP-6L	Left Hand
2000AP-6R	Right Hand



6-STM Sinskey Hook, Angled, Carbon Fiber Handle

2001A-6	Center
2001A-6L	Left Hand
2001A-6R	Right Hand



6-S[™] Bechert "Y" Manipulator, Angled, Carbon Fiber Handle

2500AH-6	Horizontal tip, Center
2500AH-6L	Horizontal tip, Left Hand
2500AH-6R	Horizontal tip, Right Hand
2500AV-6	Vertical tip, Center
2500AV-6L	Vertical tip, Left Hand
2500AV-6R	Vertical tip, Right Hand



6-S[™] Lester Manipulator, Angled, Carbon Fiber Handle

2501A-6	Center
2501A-6L	Left Hand
2501A-6R	Right Hand



6-S[™] Drysdale Manipulator, Angled, Carbon Fiber Handle

2503A-6	Center
2503A-6L	Left Hand
2503A-6R	Right Hand



6-S[™] Seibel Chopper, Angled, Carbon Fiber Handle

2507-6	Center
2507-6L	Left Hand
2507-6R	Right Hand



Spatulated LASIK Cannula

8000 Curved cannula has an end opening for irrigating the interface.
Flattened spatula tip easily locates and elevates the flap edge, 26ga



Buratto LASIK Cannula

8002-23 23ga
8002-25 25ga

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



Banaji LASIK Cannula,

8003 Bullet-shaped tip. Six ports for multi-directional irrigation, 25ga



Vidaurri LASIK Cannula

8004 Double-armed, eight irrigating ports, 25ga



Flap Cover

8010



Flap Elevator

8020



LASIK Multipurpose Forceps

8031 Curved jaws conform to the curvature of the cornea with spatulated tips and edges to enter, dissect, elevate, and smooth the flap. It offers firm spring action for dissecting during enhancement and has smooth inside jaw surfaces for grasping the flap, 115mm length



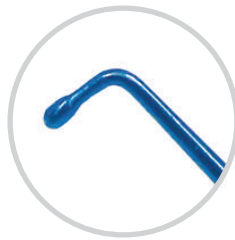
Perone LASIK Flap Forceps

8032 Enables delicate lifting of the flap without causing any trauma.



Manche LASIK Flap Forceps

8033 Solid oval tips lift flaps for primary and retreatment procedures with the minimal risk of tearing or trauma, 108mm length



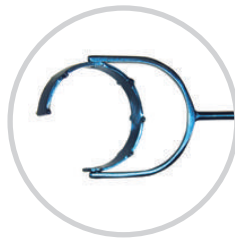
LASIK Flap Manipulator

8040 Delicate olive shaped tip which is used to gently depress the cornea 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.



Burrato Flap Protector

8060 Ideal for retracting the flap for maximum exposure of the bed and for protecting nasally hinged corneal flap during the laser ablation.



Gimbel Stabilization Ring

8070 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

8071 Designed to fix the globe during laser ablation, while covering the hinge and flap for complete protection. 11mm inner diameter offers secure fixing of the cornea during ablation without interference. Unique angled protector shields the flap and hinge.



Caro-Avalos Flap Smoother

8080 Designed to fix the globe during laser ablation, while covering the hinge and flap for complete protection. 11mm inner diameter offers secure fixing of the cornea during ablation without interference. Unique angled protector shields the flap and hinge.



Flap Smoother

8081 Designed to conform the corneal flap to the new shape of the stroma bed after laser ablation.



Seibel Intralase Flap Lifter & Retreatment Spatula

8091



Slade LASIK Wire Speculum

7003 Designed for maximum exposure of globe and to accommodate suction ring. Adjustable 14.5mm blades, 65mm length



Steinert LASIK ACS Speculum, temporal fit

7016 Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5mm blades, 65mm length



Genisi LASIK Speculum

7017 Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5mm blades, 65mm length



Iris Retractor Hooks (sterile, disposable)

D4176-2 2 sets of 5
D4176-5 5 sets of 5



Capsule Polishing Curette - STAINLESS STEEL

1601 1.75mm diameter open ring, semi sharp for polishing anterior and posterior edge



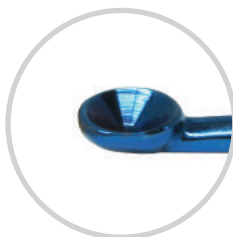
Capsule Polishing Curette

1602D Double-ended polisher with left and right angled polisher on handle for surgeon convenience



Chalazion Curette

1700-1520D Double-ended, 1.5mm/2.0mm diameter, 130mm length
1700-2535D Double-ended 2.5mm/3.5mm diameter, 130mm length



Blade Breaker

4000



Blade Handle

4001 For holding micro blades



Luer Handle

4010 For holding instruments with luer fittings, 70mm length
4011 Irrigating, blue handle, 108mm length
4012 Long Handle, 108mm length



Castroviejo Calipers

Measures from 0mm to 20mm in .5mm increments with scale reading on one side.
4050 Straight tips
4050C Curved tips



Braunstein Fixed Caliper

4051L 3.5/4.0mm
4051S 3.0/3.5mm



Hofman-Thornton Fixation Ring

4100-16 Swivel head, 16mm diameter



Fine-Thornton Fixation Ring

4101-13 Swivel head, 13mm diameter, 7mm cut out

4101-16 Swivel head, 16mm diameter, 11mm cut out



Kansas Lens Loop

4200 3mm wide, serrated, for small incision nucleus fragment removal.



Kansas Nucleus Bisector

4201 For manual small incision surgery



Kansas Nucleus Trisector

4202 For manual small incision surgery



Kansas Nucleus Vectis

4203 Solid used as a "cutting block" for Kansas nucleus bisector and trisector, for left and right handed surgeon.



Posterior Capsule Polisher

4300-18 18ga

4300-23 23ga

4300-25 25ga

4300-27 27ga

4300S-27 27ga, small

Titanium impregnated on posterior surface of olive tip. Front opening, gently curved.



Luntz-Dodick Trabeculectomy Punch - Standard Handle

Bullet shaped tip for easy insertion into the sclerocorneal tunnel. It's angled cutting edge is designed to engage the scleral lip at the base of the tunnel, 0.5mm deep bite, 128mm length

4400-75	0.75mm diameter head
4400-10	1.0mm diameter head
4400-12	1.2mm diameter head
4400-15	1.5mm diameter head



Luntz-Dodick Trabeculectomy Punch - Squeeze Handle

4400-75S	0.75mm diameter head
4400-10S	1.0mm diameter head
4400-12S	1.2mm diameter head
4400-15S	1.5mm diameter head



Helveston Retractor

4450-9	9mm
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Lid Retractor

4451	13mm
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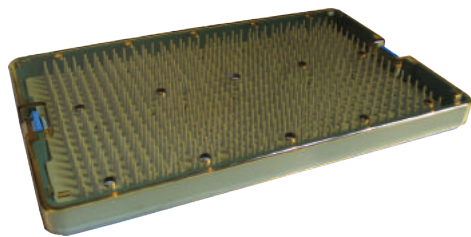
Kratz Capsule Scraper

4500-23	23ga cannula with 1mm angled sandblasted tip
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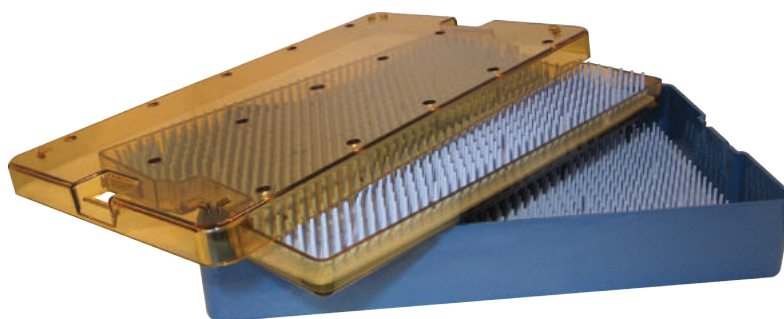
Trabeculotome Set

4550A	Angled
4550S	Straight



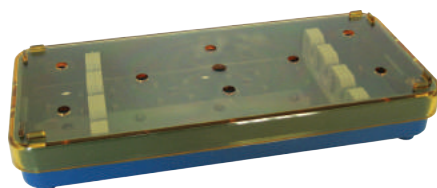
Instrument Tray - Single Level

4600	10" x 6" x .8" (254mm x 152mm x 20mm)
4600L	15" x 10" x .8" (381mm x 254mm x 20mm)
4600LD	15" x 10" x 1.5" (381mm x 254mm x 38mm)
4600M	2.5" x 6" x .8" (64mm x 156mm x 20mm)
4600SM	1" x 3" x 8" (25.4mm x 76mm x 2.3mm)



Instrument Tray - Bi-Level

4600B	10" x 6" x 1.5" (257mm x 156mm x 38mm)
4600LB	15" x 10" x 1.5" (381mm x 254mm x 38mm)



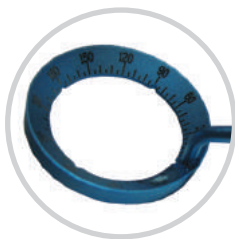
Instrument Tray - Slotted Bar

4600S	2.5" x 6" x .8" (64mm x 156mm x 20mm)
4600SD	4" x 7.5" x 1.5" (102mm x 191mm x 38mm) For phaco handpiece



Mendez Degree Gauge

8500	For accurate axial alignment of the cornea. 12mm I.D. Calibrated every 10 degrees from 0 to 180 degrees.
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Henderson Degree Gauge

8505 Beveled face with 4 notches on the internal edge for alignment. 11.7mm I.D. Calibrated every 5 degrees from 0 to 180 degrees. For use with the 8506 and 8507.



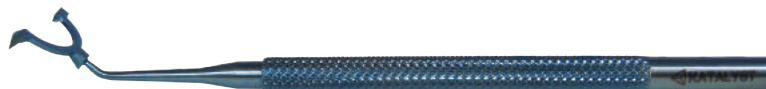
Henderson Alignment Marker

8506 With atraumatic disc-shaped marking surfaces at 3, 6, and 9 o'clock. For use with the 8505 and 8507.



Henderson Toric Marker

8507 Two 2.5mm radial marks extending to 11mm. For use with the 8505 and 8506.



Cionni Toric Reference Marker

8510 3 blades provide radial marks to mark the horizontal and vertical reference meridians 10mm I.D. 15mm O.D. 70 degree angled shaft.



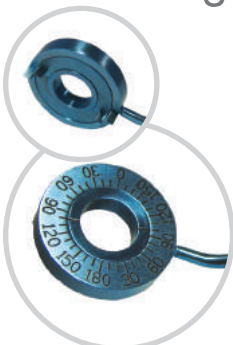
Bores Optic Zone Marker

8511-3	3mm	8511-475	4.75mm
8511-325	3.25mm	8511-5	5mm
8511-35	3.5mm	8511-6	6mm
8511-375	3.75mm	8511-7	7mm
8511-4	4mm	8511-8	8mm
8511-425	4.25mm	8511-85	8.5mm
8511-45	4.5mm	8511-9	9mm



Hoffer Optic Zone Marker, With Cross Hairs

8512-3	3mm	8512-475	4.75mm
8512-325	3.25mm	8512-5	5mm
8512-35	3.5mm	8512-55	5.5mm
8512-375	3.75mm	8512-6	6mm
8512-4	4mm	8512-7	7mm
8512-425	4.25mm	8512-8	8mm
8512-45	4.5mm	8512-9	9mm



Toric Axis Marker

8515 Toric Intra-op axis marker with rotating ring aligns marks in proper meridian. Mounted at 90°. 10.5mm I.D. 13.5mm O.D.



Toric Axis Marker

8516 Toric Intra-op axis marker with rotating ring aligns marks in proper meridian. Mounted at 0°. 10.5mm I.D. 13.5mm O.D.



Kamei Concentrator, Smooth

9001-15	.15	9001-33	.33
9001-25	.25	9001-35	.35
9001-3	.30		

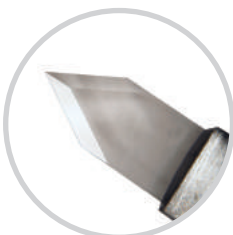


Bevel up

GemcisionTM Sapphire Knife - Crescent

7900-C20	2.0mm, sharp, sharp sides
7900-C24	2.4mm, sharp, sharp sides
7900-C28	2.8mm, sharp, sharp sides

patent pending



Bevel up

GemcisionTM Sapphire Knife - Keratome

7900-K18	1.8mm, sharp
7900-K20	2.0mm, sharp
7900-K22	2.2mm, sharp
7900-K23	2.3mm, sharp
7900-K24	2.4mm, sharp
7900-K25	2.5mm, sharp
7900-K265	2.65mm, sharp
7900-K275	2.75mm, sharp
7900-K28	2.8mm, sharp
7900-K29	2.9mm, sharp
7900-K30	3.0mm, sharp
7900-K32	3.2mm, sharp
7900-K35	3.5mm, sharp
7900-K38	3.8mm, sharp

patent pending





Double bevel



patent pending

Gemcision™ Sapphire Knife - Paracentesis Super Sharp

7900-P75-60	.75mm, straight, super sharp
7900-P75-60A	.75mm angled, super sharp
7900-P1-60	1mm, straight, super sharp
7900-P1-60A	1mm, angled, super sharp
7900-P1-60AT	1mm, angled, truncated, super sharp
7900-P1-60T	1mm, straight, truncated, super sharp
7900-P12-60	1.2mm, straight, super sharp
7900-P12-60A	1.2mm, angled, super sharp



Double bevel, sharp sides



patent pending

Gemcision™ Sapphire Knife - Trapezoid Super Sharp, Sharp Sides

7900-T20/24	2.0/2.4mm, super sharp, sharp sides
7900-T20/30	2.0/3.0mm, super sharp, sharp sides
7900-T23/28	2.3/2.8mm, super sharp, sharp sides
7900-T25/28	2.5/2.8mm, super sharp, sharp sides
7900-T27/32	2.7/3.2mm, super sharp, sharp sides



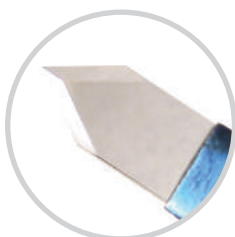
Double bevel



patent pending

Gemcision™ Paracentesis, Super Sharp

7910-P8-60	.8mm, super sharp
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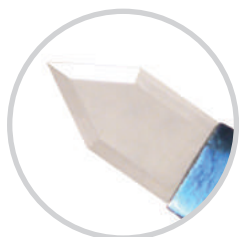
Double bevel



patent pending

Gemcision™ Sapphire Knife - Keratome Super Sharp

7920-K22	2.2mm, super sharp
7920-K24	2.4mm, super sharp
7920-K25	2.5mm, super sharp
7920-K275	2.75mm, super sharp
7920-K28	2.8mm, super sharp
7920-K30	3.0mm, super sharp
7920-K32	3.2mm, super sharp
7920-K38	3.8mm, super sharp



Double bevel, sharp sides



patent pending

Gemcision™ Sapphire Knife - Keratome Super Sharp, Sharp Sides

7924-K18	1.8mm, super sharp, sharp sides
7924-K22	2.2mm, super sharp, sharp sides
7924-K23	2.3mm, super sharp, sharp sides
7924-K24	2.4mm, super sharp, sharp sides
7924-K25	2.5mm, super sharp, sharp sides
7924-K265	2.65mm, super sharp, sharp sides
7924-K275	2.75mm, super sharp, sharp sides
7924-K28	2.8mm, super sharp, sharp sides
7924-K30	3.0mm, super sharp, sharp sides



Double bevel



patent pending

Gemcision™ Paracentesis, Super Sharp, Sharp Sides

7924-P1-60	1mm, straight, super sharp, sharp sides
7924-P1-60A	1mm, angled, super sharp, sharp sides
7924-P12-60A	1.2mm, angled, super sharp, sharp sides



Double bevel



patent pending

Gemcision™ Paracentesis, Super Sharp, 1mm Width, Trifacet

7930-P1	1mm, trifacet, super sharp
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Double bevel



patent pending

Gemcision™ LRI Knife

7950-L300	300 micron
7950-L550	550 micron
7950-L600	600 micron



Double bevel

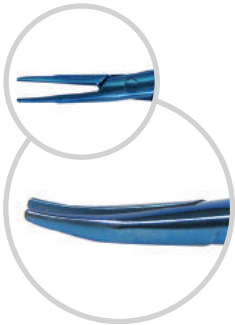


patent pending

Gemcision™ Paracentesis, Super Sharp, 1mm Width, 30°

7990-P1	1mm, 30°, super sharp
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*All needle holders can be made with suture cutting jaws



Closed tip
width

(1.0mm)



Troutman Curved Needle Holder

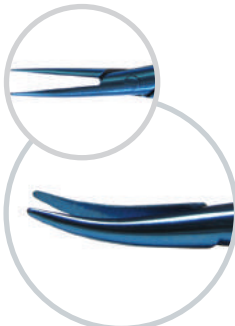
- | | |
|------------|---|
| 5000C-115 | Blunt tips, 10mm jaws, without lock, 115mm length |
| 5000C-115L | Blunt tips, 10mm jaws, with lock, 115mm length |



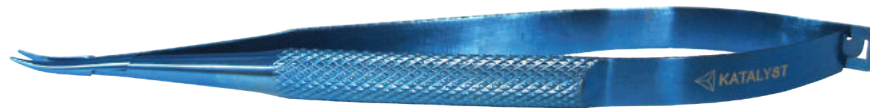
(1.0mm)

Suture Cutting

- | | |
|---------------|--|
| 5000C-115-SC | Blunt tips, 10mm jaws, with cutting platform, without lock
115mm length |
| 5000C-115L-SC | Blunt tips, 10mm jaws, with cutting platform, with lock
115mm length |

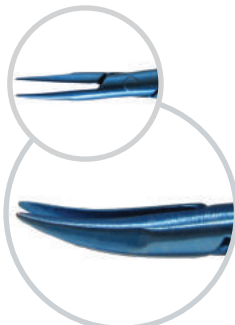


(.8mm)



Barraquer Curved Needle Holder

- | | |
|------------|--|
| 5001C-115 | Very delicate 9mm jaws, sharp tips, without lock, 115mm length |
| 5001C-115L | Very delicate 9mm jaws, sharp tips, with lock, 115mm length |

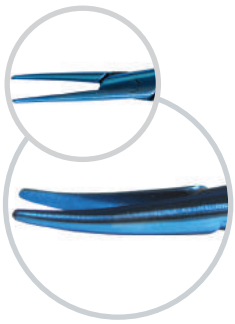


(.7mm)



Fine Curved Needle Holder

- | | |
|------------|---|
| 5002C-115 | Fine 9mm jaws, sharp tips, without lock, 115mm length |
| 5002C-115L | Fine 9mm jaws, sharp tips, with lock, 115mm length |

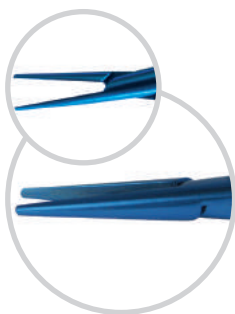


(1.0mm)



Castroviejo Curved Needle Holder

- | | |
|-------------|--|
| 5003DC-140 | Delicate 11mm jaws, blunt tips, without lock, 140mm length |
| 5003DC-140L | Delicate 11mm jaws, blunt tips, with lock, 140mm length |
| 5003FC-125 | Fine 9mm jaws, sharp tips, without lock, 125mm length |
| 5003FC-125L | Fine 9mm jaws, sharp tips, with lock, 125mm length |
| 5003SC-140 | Standard 11mm jaws, blunt tips, without lock, 140mm length |
| 5003SC-140L | Standard 11mm jaws, blunt tips, with lock, 140mm length |



Closed tip
width

(1.0mm)

(.8mm)

(1.25mm)

Castroviejo Straight Needle Holder

5004DS-140	Delicate 11mm jaws, blunt tips, without lock, 140mm length
5004DS-140L	Delicate 11mm jaws, blunt tips, with lock, 140mm length
5004FS-125	Fine 9mm jaws, sharp tips, without lock, 125mm length
5004FS-125L	Fine 9mm jaws, sharp tips, with lock, 125mm length
5004SS-140	Standard 11mm jaws, blunt tips, without lock, 140mm length
5004SS-140L	Standard 11mm jaws, blunt tips, with lock, 140mm length

Suture Cutting

(1.25mm) 5004SS-140-SC	Standard 11mm jaws, blunt tips, with cutting platform, without lock, 140mm length
------------------------	---

Barraquer Curved Needle Holder

(.93mm) 5005C-115	Delicate 9mm jaws, sharp tips, without lock, 115mm length
5005C-115L	Delicate 9mm jaws, sharp tips, with lock, 115mm length
(1mm) 5014C-140	Standard 12mm jaws, sharp tips, without lock, 140mm length
5014C-140L	Standard 12mm jaws, sharp tips, with lock, 140mm length

Barraquer Straight Needle Holder

(.8mm) 5005S-115	Delicate 9mm jaws, sharp tips, without lock, 115mm length
5005S-115L	Delicate 9mm jaws, sharp tips, with lock, 115mm length
(1mm) 5014S-140	Standard 12mm jaws, sharp tips, without lock, 140mm length
5014S-140L	Standard 12mm jaws, sharp tips, with lock, 140mm length

Curved Needle Holder

(.6mm) 5006C-110	6mm delicate jaws, without lock, 110mm length
5006C-110L	6mm delicate jaws, with lock, 110mm length

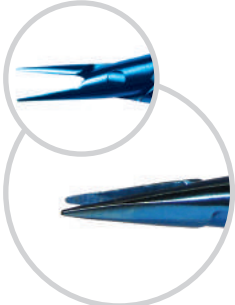


Closed tip
width



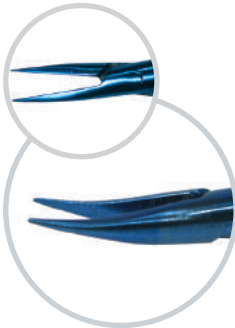
Curved Needle Holder

- (.8mm) 5007C-115 Medium 11mm jaws, sharp tips, without lock, 115mm length
5007C-115L Medium 11mm jaws, sharp tips, with lock, 115mm length



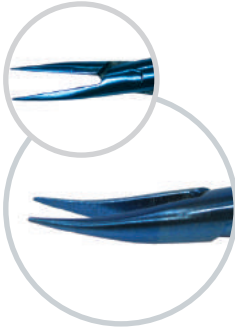
Straight Needle Holder

- (.6mm) 5008S-110 6mm delicate jaws, without lock, 110mm length
5008S-110L 6mm delicate jaws, with lock, 110mm length



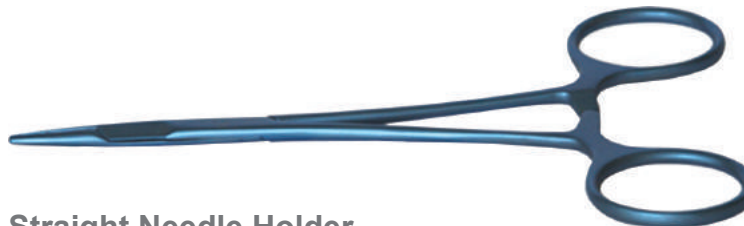
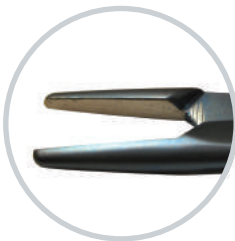
Azar Curved Needle Holder

- (.4mm) 5009C-115 9mm fine gently curved jaws, without lock, 115mm length
5009C-115L 9mm fine gently curved jaws, with lock, 115mm length



Bechert-Sinskey Curved Needle Holder

- (.4mm) 5010C-115 Delicate 9mm jaws, sharp tips, without lock, 115mm length
5010C-115L Delicate 9mm jaws, sharp tips, with lock, 115mm length



Straight Needle Holder

- 5013S-130 Delicate jaws, without lock, with cutting platform, 130mm length
5013S-180 Delicate jaws, without lock, with cutting platform, 180mm length



ISOCLEANTM Needle Driver

- 5100C-M23 23ga

Patented

Revolutionary New Pick Designs Featuring: Carbon Fiber Handles, 6-STM Tip Material, and Left & Right ChiralTM Options

Carbon Fiber Handles - optimized diameter and strength to weight ratio provide superior ergonomic comfort.

6-STM Tip Material – this un-bendable material reduces instrument damage and ensures delicate instruments maintain their original configuration.

ChiralTM Options – Left and Right handed design options offer easier access to all clock hours. The “Center” option lies on an “Axis of Ergonomic Bliss”TM



6-STM Koch Stop and Chop Manipulator - Carbon Fiber Handle
5500A-6 Center, angled shaft



6-STM Nagahara Chopper - Carbon Fiber Handle

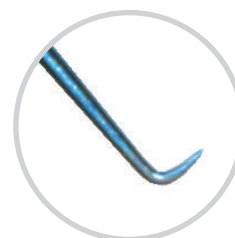
- 5502C-11-6 Center, angled curved shaft, straight blade, 1.1mm tip
- 5502C-11-6L Left Hand, angled curved shaft, straight blade, 1.1mm tip
- 5502C-11-6R Right Hand, angled curved shaft, straight blade, 1.1mm tip
- 5502S-11-6 Center, angled straight shaft, straight blade, 1.1mm tip
- 5502S-11-6L Left Hand, angled straight shaft, straight blade, 1.1mm tip
- 5502S-11-6R Right Hand, angled straight shaft, straight blade, 1.1mm tip



Phaco Chopper
5500 60° Phaco Chopper/Paddle Manipulator



Phaco Chopper
5501 Lieberman Micro Finger/Quick Chop



Mini Finger Phaco Chopper
5501-M



Nagahara Phaco Chopper, ambidextrous
5502C-11 Curved shaft, 1.1mm tip
5502S-11 Straight shaft, 1.1mm tip
5502C-18 Curved shaft, 1.8mm tip
5502S-18 Straight shaft, 1.8mm tip



Minami "M" Hook
5503 Tear drop shaped tip used for dividing and manipulating nucleus material from all directions in the capsule



Phaco Chopper, 1.8mm tip
5504CL Left hand, curved shaft
5504CR Right hand, curved shaft
5504SL Left hand, straight shaft
5504SR Right hand, straight shaft



Gillum Nucleus Splitter

5505C For nucleus chopping prior to phaco, curved shaft

5505S For nucleus chopping prior to phaco, straight shaft



Claw Phaco Chopper

5506 Special triple inner blades construction allows chopping in three directions



Phaco Chopper

5507A Angled shaft

5507S Straight shaft



Phaco Chopper

5508 Special inner blade is offset 45°. Unique elongated distal segment



Neuhann Nucleus Divider

5509 Ambidextrous nucleus chopper



Haefliger Phaco Cleaver

5510 Chopper and manipulator in one

5510SS Chopper and manipulator in one, STAINLESS STEEL



Nucleus Splitter
5512



Seibel Safety Chopper, Right Handed
5513 115mm overall length



Seibel Nucleus Chopper and Safety Quick Chop, Double Ended
5516-L Left handed, 140mm length
5516-R Right handed, 140mm length



Rosen Phaco Chopper
5517 Sharp tips, 113mm length



Fukasaku Small Pupil Snapper Hook
2005 Smooth polished notch superiorly to push back iris with sharp inner edge for nucleus splitting.



Chetan Soni Double-Ended Chopper
2600D Seibel chopper/Koch spatula



Castroviejo Corneal Section Scissors - Left Hand

6000L-105 Blunt tips, lower blade .5mm longer than upper, 9mm from pivot to tip, 105mm length

6001L-105 Blunt tips, lower blade .5mm longer than upper, 13mm from pivot to tip, 105mm length



Castroviejo Corneal Section Scissors - Right Hand

6000R-105 Blunt tips, lower blade .5mm longer than upper, 9mm from pivot to tip, 105mm length

6001R-105 Blunt tips, lower blade .5mm longer than upper, 13mm from pivot to tip, 105mm length



Castroviejo Curved Corneal Scissors

6002C-105 Blunt tips, 13mm from pivot to tip, 105mm length



Castroviejo Scissors

6003C-105 Curved blunt tips, 11mm from pivot to tip, 105mm length

6003S-105 Straight blunt tips, 11mm from pivot to tip, 105mm length



Castroviejo Curved Scissors

6004A-105 Blunt angled tips, longer lower blade, 16mm from pivot to tip, 105mm length



Castroviejo Curved Corneal Scissors, blunt tips

- 6006C-115 16mm from pivot to tip, 115mm length
- 6007C-115 11mm from pivot to tip, 115mm length
- 6008C-115 16mm from pivot to tip, 115mm length



Osher Universal Corneal Scissors

- 6009C-115 Blunt tips, thin curved blades, 21mm from pivot to tip, 115mm length



Corneal Section Scissors, Left

- 6010L-95 Blunt tips, curved blades, 11mm from pivot to tip, 95mm length



Corneal Section Scissors, Right

- 6010R-95 Blunt tips, thin curved blades, 11mm from pivot to tip, 95mm length



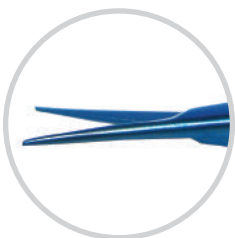
Curved Iris Scissors

6201C-90 11mm blades, sharp tips, 4mm cutting length, 90mm length



Straight Iris Scissors

6201S-90 11mm blades, sharp tips, 4mm cutting length, 90mm length



Iris Scissors

6202C-105 Straight, sharp tips, 11mm blades, 105mm length

6202S-105 Curved, sharp tips, 11mm blades, 105mm length

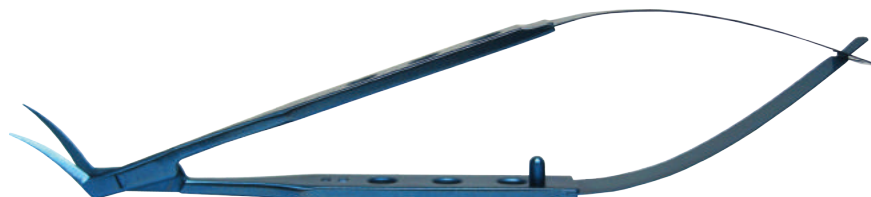


Mcpherson-Vannas Curved Iris Scissors - STAINLESS STEEL

6205C-90S Sharp pointed tips, 12mm from pivot to tip, 90mm length



Osher IOL Cutter
6150



Korenfeld Sub-Tenon's Injections Scissors
6300-115 Low-profile vaulted blades and blunt tips for safe dissection that follows the curve of the globe.



Patented

19ga ISOCLEAN[™] IOL Cutter

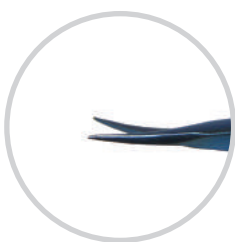
6875S-M19 19ga, straight shaft, with flush through lumen that allows for thorough cleaning.

6875C-M19 19ga, curved shaft, with flush through lumen that allows for thorough cleaning.



Westcott Stitch Scissors

6400-115 Very sharp pointed tips, 19mm from pivot to tip, 115mm length



Mcpherson-Westcott Stitch Scissors

6403-105 Very sharp pointed tips, 10.5mm from pivot to tip, 105mm length



Mcpherson-Westcott Stitch Scissors

6405-115 Sharp pointed tips, 13mm from pivot to tip, 115mm length

6405-140 Sharp pointed tips, 13mm from pivot to tip, 140mm length



Westcott Utility Scissors

- 6600-130 Sharp tips, 25mm from pivot to tip, curved blades, 130mm length
- 6600S-130 Sharp tips, 25mm from pivot to tip, straight blades, 130mm length



Westcott Curved Tenotomy Scissors

- 6601C-110 Blunt tips, 19mm from pivot to tip, 110mm length
- 6601C-110SS Blunt tips, 19mm from pivot to tip, 110mm length, STAINLESS STEEL
- 6602C-115 Blunt tips, 21mm from pivot to tip, 115mm length

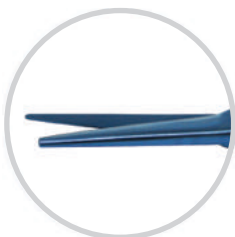


Utility Scissors

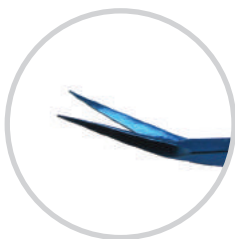
- 6605C-110 Curved blades, pointed tips, 32mm from pivot to tip, 110mm length
- 6605C-110B Curved blades, blunt tips, 32mm from pivot to tip, 110mm length
- 6605C-140 Curved blades, pointed tips, 32mm from pivot to tip, 140mm length
- 6605C-140B Curved blades, blunt tips, 32mm from pivot to tip, 140mm length
- 6605C-180 Curved blades, pointed tips, 32mm from pivot to tip, 180mm length
- 6605C-180B Curved blades, blunt tips, 32mm from pivot to tip, 180mm length
- 6605S-110 Straight blades, pointed tips, 32mm from pivot to tip, 110mm length
- 6605S-110B Straight blades, blunt tips, 32mm from pivot to tip, 110mm length
- 6605S-140 Straight blades, pointed tips, 32mm from pivot to tip, 140mm length
- 6605S-140B Straight blades, blunt tips, 32mm from pivot to tip, 140mm length
- 6605S-180 Straight blades, pointed tips, 32mm from pivot to tip, 180mm length
- 6605S-180B Straight blades, blunt tips, 32mm from pivot to tip, 180mm length
- 6606C-110B Curved blades, blunt tenotomy tips, 32mm from pivot to tip, 110mm length
- 6606S-110B Straight blades, blunt tenotomy tips, 32mm from pivot to tip, 110mm length



Titanium Bandage Scissors
6700-115 115mm length



Lanter Drape Scissors
6701-110



Vannas Angled Scissors

6800A-82 Sharp tips, 7.0mm blades, 9.0mm from pivot to tip
82mm length



Vannas Curved Scissors

6800C-82 Sharp pointed tips, 7.5mm blades, 9.5mm from pivot to tip
82mm length



Vannas Straight Scissors

6800S-82 Sharp pointed tips, 7.5mm blades, 9.5mm from pivot to tip
82mm length



Vannas Angled Capsulotomy Scissors

6802A-95 Sharp pointed tips, 10.5mm blades, 95mm length
6803A-95 Sharp pointed tips, 12.5mm blades, 95mm length



Vannas Curved Capsulotomy Scissors

6802C-95 Sharp pointed tips, 10.5mm blades, 95mm length
6803C-95 Sharp pointed tips, 12.5mm blades, 95mm length



Vannas Straight Capsulotomy Scissors

- 6802S-108 Sharp pointed tips, 10.5mm blades, 95mm length
- 6803S-108 Sharp pointed tips, 12.5mm blades, 95mm length



Vannas Scissors

- 6804C-108 Extra thin curved blades, sharp pointed tips, 15mm from pivot to tip, 108mm length
- 6804S-108 Extra thin straight blades, sharp pointed tips, 15mm from pivot to tip, 108mm length



Vannas Scissors

- 6805S-105 Extra thin 7mm blades, sharp pointed tips, 9mm from pivot to tip, 105mm length



23ga ISOCLEANTM Curved Iridectomy Scissors

Patented

- 6850C-M23 23ga for use through the paracentesis. Curved blades
- 6850S-M23 23ga for use through the paracentesis. Straight blades



Patented

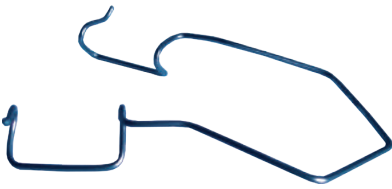
iQTM

- iQ-6850C 23ga iQ - curved iridectomy scissors, straight shaft
- iQ-6850S 23ga iQ - straight iridectomy scissors, curved shaft



Lieberman Solid Speculum

7000 Adjustable 14.5mm blades, 65mm length



Wire Speculum

7001 13.5mm blades, 52mm length

7001M 14mm blades, 41mm length

7001SS 14mm blades, 41mm length, STAINLESS STEEL



Closed Loop Wire Speculum

7001CL 13.5mm blades, 52mm length

7001CL-H 14mm blades, 40mm length, heavy gauge, STAINLESS STEEL



Closed Loop Wire Speculum - Small, Pediatric

7001CL-S 10mm blades, 42mm length



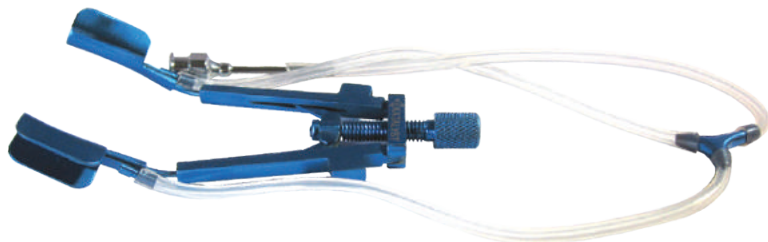
Lieberman Open V-Wire Speculum

7002 Adjustable 14.5mm blades, 65mm length



Slade LASIK Wire Speculum

7003 Designed for maximum exposure of globe and to accommodate suction ring.
Adjustable 14.5mm blades, 65mm length



Lindstrom-Chu Aspirating Speculum

7004A For removal of excess fluid from the ocular surface. Reversible speculum can rest nasally or temporally. Adjustable 14.5mm blades, 65mm length



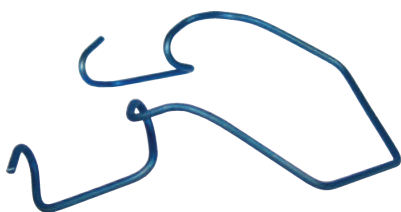
Lieberman-Kratz Open Wire Speculum

7005 Adjustable 14.5mm open blades, 45° angled shaft 65mm length



Reversible Lid Speculum

7006 Can be placed nasally or temporally to accommodate the suction ring of a microkeratome. Adjustable 14.5mm blades, 65mm length



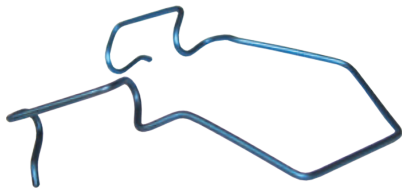
Kratz-Barraquer Wire Speculum

7007 13.5mm open blades, 52mm length



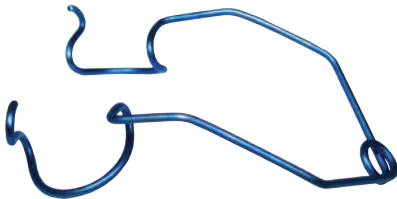
Barraquer Solid Blade Speculum

7008 14.5mm blades, 45mm length



Nagahara Wire Speculum (Nasal placement)

- 7009 Designed for temporal approach cataract surgery
13.5mm blades, 52mm length
- 7009M Designed for temporal approach cataract surgery
13.5mm blades, 41mm length
- 7009SS Designed for temporal approach cataract surgery
13.5mm blades, 41mm length, STAINLESS STEEL



Grandon Wire Speculum

- 7010 Gently curved back tips retain redundant lid tissue, heavy gauge coiled fulcrum provides strong spring tension. 13.5mm blades, 52mm length



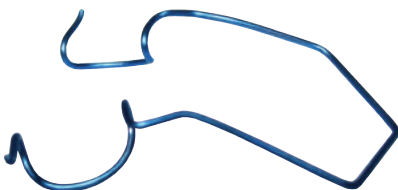
Ginsberg Eye Speculum

- 7011 Flared ends control lid skin folds. Shorter lower blade for easy insertion and removal. Fenestrated blades minimize pressure exerted on the globe. Strongly angled shafts allow opening and closing mechanism to lie flat and control redundant lid tissue. Adjustable 14.5mm blades, 65mm length



Shapira Eye Speculum

- 7012 Adjustable wire opening for phaco and micro lamellar keratoplasty. Adjustable 14.5mm blades, 65mm length



Slade LASIK Eye Speculum

- 7013 13.5mm blades, 52mm length



Eye Speculum

- 7014 Swivel blades open to accommodate the variability of patients' anatomical features. Adjustable 14.5mm blades 65mm length



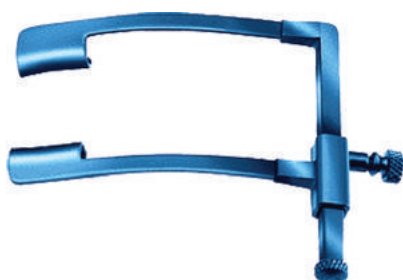
Steinert LASIK ACS Speculum, Temporal Fit

7016 Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5mm blades, 65mm length



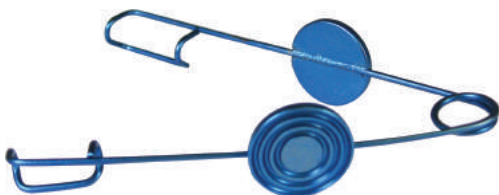
Genisi LASIK Speculum

7017 Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5mm blades 65mm length



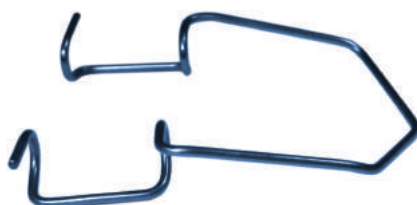
Cook Eye Speculum, Pediatric

7018 10mm blades, 55 mm length



Alfonso Eye Epeculum - Pediatric

7019 With nesting blades and finger grips for pediatric patients



Wire Speculum

7023 Straight loop wire speculum, small



Wire Speculum

7023CL Closed loop wire speculum, small

Katalyst™ Surgical, LLC

888-4KATALYST (888 452-8259)

Tel 636 536-5950 Fax 636 787-0603

754 Goddard Ave., Chesterfield, MO 63005

www.katalystsurgical.com

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