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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!
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
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

Mclntyre 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
CANNULAS

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 Hydrodelination Cannula**
1200-25 Gently curved 25ga cannula with tip beveled down for use during hydrodelination 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
Cannulas

**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

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

**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

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

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

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.

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
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

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

Monarch III IOL Injector
3430-3 For inserting Monarch III IOL

23ga ISOCLEAN™ 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.

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

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

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

Akahoshi Prechopper Cross-action Curved Shafts
3564-120  12mm shafts, maximum tip opening 3mm, 120mm length

™
Katalyst
Surgical, LLC

Angled Kelman-McPherson Suturing Forceps
3602A-12-85    .12mm 1 x 2 teeth, 5mm tying platforms,10mm shafts, 85mm 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-12-105   .12mm teeth, 105mm 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

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

Colibri Conjunctiva Forceps, 1 x 2 teeth, 5mm tying platforms
3603-12-85    .12mm teeth

Colibri Suturing Forceps, 1 x 2 teeth, .12mm teeth with tying platforms
3604-12-85    85mm length
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
Bechert-McPherson Angled Forceps, 10mm smooth jaws
3401-108  Very delicate, 108mm length

Kelman-McPherson Forceps, 45° angled shafts, 7.5mm smooth jaws
3400-85    Delicate tips, 85mm length
3400-115  Delicate tips, 115mm 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

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.
Schepens Retractor - STAINLESS STEEL
2009  Orbital retractor, smooth 14mm x 56mm notched blade

Helveston Muscle Hook
2006-8  Delicate, blunt 8mm spatulated tip
2006-10 Delicate, blunt 10mm spatulated tip
2006-12 Delicate, blunt 12mm spatulated tip

Graefe Strabismus Hook - STAINLESS STEEL
2010-8  8mm
2010-9   9mm
2010-10 10mm

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
**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

**Batlle 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-S™ Tip Material, and Left & Right Chiral™ Options

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

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

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

6-S™ Kuglen Push/Pull, Angled, Carbon Fiber Handle
- 2000AP-6 Center
- 2000AP-6L Left Hand
- 2000AP-6R Right Hand

6-S™ 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.
LASIK

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
Ciliprobe™ Transscleral Cyclophotocoagulation Probe
D4700  Designed to work for two procedures with an infrared laser. Sold in boxes of 5

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

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
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

Helveston Retractor
4450-9  9mm

Lid Retractor
4451  13mm

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

Trabeculotome Set
4550A  Angled
4550S  Straight
### Instrument Tray - Single Level

- **4600** 10" x 6" x .8" (254mm x 152mm x 20mm)
- **4600D** 10" x 6" x .1.5" (254mm x 152mm x 38mm)
- **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.
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
**Henderson Degree Gauge**
8505 Beveled face with 4 notches on the internal edge for allignment. 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, 8511-4 4mm, 8511-5 5mm, 8511-6 6mm, 8511-7 7mm, 8511-8 8mm, 8511-8.5 8.5mm, 8511-9 9mm

**Hoffer Optic Zone Marker, With Cross Hairs**
8512-3 3mm, 8512-4 4mm, 8512-5 5mm, 8512-5.5 5.5mm, 8512-6 6mm, 8512-7 7mm, 8512-8 8mm, 8512-9 9mm

**Gemcision™ 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

**Gemcision™ Sapphire Knife - Crescent**
- 7900-C20 2.0mm, sharp, sharp sides
- 7900-C24 2.4mm, sharp, sharp sides
- 7900-C28 2.8mm, sharp, sharp sides

**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.
**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

**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

**Gemcision™ Paracentesis, Super Sharp**

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

**Gemcision™ Sapphire Knife - Keratome Super Sharp, Sharp Sides**

- 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
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

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

Gemcision™ Paracentesis, Super Sharp, 1mm Width, Trifacet
7930-P1  1mm, trifacet, super sharp

Gemcision™ LRI Knife
7950-L300  300 micron
7950-L550  550 micron
7950-L600  600 micron

Gemcision™ Paracentesis, Super Sharp, 1mm Width, 30°
7990-P1  1mm, 30°, super sharp
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

Troutman Curved Needle Holder
5000C-115  Blunt tips, 10mm jaws, without lock, 115mm length
5000C-115L  Blunt tips, 10mm jaws, with lock, 115mm length
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

Suture Cutting
5004SS-140-SC Standard 11mm jaws, blunt tips, with cutting platform, without lock, 140mm length

Barraquer Curved Needle Holder
5005C-115  Delicate 9mm jaws, sharp tips, without lock, 115mm length
5005C-115L  Delicate 9mm jaws, sharp tips, with lock, 115mm length
5014C-140  Standard 12mm jaws, sharp tips, without lock, 140mm length
5014C-140L  Standard 12mm jaws, sharp tips, with lock, 125mm length

Barraquer Straight Needle Holder
5005S-115  Delicate 9mm jaws, sharp tips, without lock, 115mm length
5005S-115L  Delicate 9mm jaws, sharp tips, with lock, 115mm length
5014S-140  Standard 12mm jaws, sharp tips, without lock, 140mm length
5014S-140L  Standard 12mm jaws, sharp tips, with lock, 125mm length

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

Closed tip width

NEEDLE HOLDERS

*All needle holders can be made with suture cutting jaws
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

Barraquer Curved Needle Holder
- 5005C-115: Delicate 9mm jaws, sharp tips, without lock, 115mm length
- 5005C-115L: Delicate 9mm jaws, sharp tips, with lock, 115mm length
- 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
- 5005S-115: Delicate 9mm jaws, sharp tips, without lock, 115mm length
- 5005S-115L: Delicate 9mm jaws, sharp tips, with lock, 115mm length
- 5014S-140: Standard 12mm jaws, sharp tips, without lock, 140mm length
- 5014S-140L: Standard 12mm jaws, sharp tips, with lock, 140mm length

Suture Cutting
- 5004SS-140-SC: Standard 11mm jaws, blunt tips, with cutting platform, without lock, 140mm length

Curved Needle Holder
- 5006C-110: 6mm delicate jaws, without lock, 110mm length
- 5006C-110L: 6mm delicate jaws, with lock, 110mm length
Curved Needle Holder

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

Azar Curved Needle Holder

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

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

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

Closed tip width

5008S-110 (.6mm)
5008S-110L (.8mm)

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

Korenfeld Straight Needle Holder Scissors

5015S-115 Combines needle holder and scissors to eliminated the need for an instrument exchange, 115mm length
Revolutionary New Pick Designs Featuring:
Carbon Fiber Handles, 6-S™ Tip Material, and Left & Right Chiral™ Options

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

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

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

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

**6-S™ 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
**Claw Phaco Chopper**
5506 Special triple inner blades construction allows chopping in three directions

**Phaco Chopper**
5507A Angled shaft
5507S Straight shaft

**Gillum Nucleus Splitter**
5505C For nucleus chopping prior to phaco, curved shaft
5505S For nucleus chopping prior to phaco, 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
Seibel Nucleus Chopper and Safety Quick Chop, Double Ended
5516-L Left handed, 140mm length
5516-R Right handed, 140mm 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, 8mm from pivot to tip, 95mm length

Corneal Section Scissors, Right
- 6010R-95   Blunt tips, thin curved blades, 8mm 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

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

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

Osher IOL Cutter
6150

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

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

Vannas Scissors
6804C-108 Extra thin curved blades, sharp pointed tips, 15mm from pivot to tip 108mm 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
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
**Kratz-Barraquer Wire Speculum**
7007  13.5mm open blades, 52mm 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

**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

**Kratz-Barraquer Wire Speculum**
7007  13.5mm open blades, 52mm 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

**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 Speculum - 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