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*Also available...see inside back cover*
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
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

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

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

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

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
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

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

23ga cannula with .3mm aspiration port and curved shaft
Lacrimal Cannula
1300S-23  Straight, 23ga

Straight Lacrimal Cannula
1310-23  10mm straight, 23ga tip

West Lacrimal Cannula
1320-23  23ga

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 to ensure complete removal of cortex.
CANNULAS

Surgical, LLC

**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, fine sharp tips, cystotome teeth
- 3000C-85  12mm angled curved shaft, 85mm length
- 3000S-85  12mm angled straight shaft, 85mm length

Utrata Capsulorhexis Forceps, MICS
- 3000A-85  13mm fine angled straight shaft, 1.8mm opening spread, 85mm length

Bloomberg-Pierse Capsulorhexis Forceps
- 3001C-85  14mm angled curved shaft, 85mm length
- 3001S-85  14mm angled straight shaft, 85mm length
- 3001C-115 14mm angled curved shaft, 115mm length
- 3001S-115 14mm angled straight shaft, 115mm length

Bloomberg-Pierse Capsulorhexis Forceps
- 3002C-85  12mm angled curved shaft, 85mm length
- 3002C-115 12mm angled curved shaft, 115mm length

Bloomberg-Pierse Capsulorhexis Forceps
- 3002C-105R 12mm angled curved shaft, 105mm 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)

Chiral™ Capsulorhexis Forceps, cystotome teeth
Left and Right handed design options offer easier access to all clock hours.
3023CL-105R  Left-handed, 9mm angled curved shaft, 105mm length
3023CR-105R  Right-handed, 9mm angled curved shaft, 105mm length

ISOCLEAN™ MICS Capsulorhexis Forceps, cystotome teeth
3050C-M23  23ga curved shaft forceps featuring cystotome teeth for tearing the capsular bag. Flushable internal lumen allows for thorough cleaning and reduces the risk of TASS. Gold tips reduce tissue sticking.

iQ™ MICS Capsulorhexis Forceps, cystotome teeth
30C23-iQG  23ga curved shaft forceps with flush through lumen allows for thorough cleaning and reduces the risk of TASS. Sharp teeth with gold tips reduce tissue sticking.
30C23B-iQG  Blunt tips
Chalazion Forceps
3100-R8  Round 8mm, OD 11mm, ID 8mm, 98mm length
3100-R15  Round 15mm, OD 18mm, ID 15mm, 98mm length

Chalazion Forceps
3100-1214  Oval 12 x 14mm, 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
3201-3  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, .30mm 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

**Pierce-Colibri Corneal Forceps**
3203-75 With tying platforms, 75mm 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

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

Pierse Straight Fixation Forceps, with tying platforms
3301-85  Standard, 85mm length
3301-115 Standard, 115mm length
3302-85  Ultrafine, 85mm length
3302-115 Ultrafine, 115mm length

Pierse Angled Fixation Forceps, with tying platforms
3303-85  Standard, 85mm length
3304-85  Ultrafine, 85mm length

Helveston Fixation Forceps, .5mm 1 x 2 teeth
3305-118  Weighted curved handle, thumb activated catch for locking 118mm length

Elschnig Fixation Forceps, 1 x 2 teeth
3350-20  2.0mm teeth, 108mm length
Straight Jeweler Forceps
3151-S  .05 x .01mm tip

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
**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

**Clayman Lens Forceps, gently curved shafts**
- 3403-120  90° angled 1mm tips, 120mm length

**Lens Forceps, curved shafts**
- 3404-120  1mm ring tips, 120mm length
Kratz Lens Forceps, curved narrow smooth jaws
3405-120  Very delicate, 120mm length

Jaffe-Blaydes Lens Forceps, 30° angled narrow smooth jaws
3406-115  Very delicate, 115mm length

Blaydes Angled Lens Forceps, 45° angled 8mm smooth flat jaws
3407-115  115mm length

Shepard Lens Forceps, curved shafts
3408-125  Flat tungsten carbide coated jaws, 125mm length

Anis Lens Forceps, 45° angled 9mm smooth jaws
3409-115  Very delicate, 115mm length
Seibel Lens Folding Forceps, handle stop to prevent overfolding
3410-115  Folding 6mm IOL, without lock, 115mm length
3411-115  Triangular shaped inner jaws, 115mm length

Seibel Lens Folding Forceps
3412-115  Tying platforms for tucking the haptics into folded 6mm IOL
115mm length

Lens Folding Forceps for 5.5/6mm IOL's
3413-108  108mm length

Lens Folding Forceps for 5.5/6mm IOL's
3414-108  108mm length

Lens Folding Forceps for 5.5/6mm IOL's
3415-108  Design facilitates pick up and folding from flat surface, 108mm length

Lens Implantation Forceps
3416-115  Smooth surface, round edges gently grip lens, 115mm length
**LENS FORCEPS**

**Lens Implantation Forceps Reverse Cross-Action**
- 3417-105  Smooth rounded curved jaws, 105mm 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
- 3420-108L  Thin profile, rounded blades, with lock, 108mm length

**Haberle-McPherson Lens Forceps**
- 3419-102   With groove, 102mm length

**Lens Implantation Forceps Standard Cross-Action**
- 3419-108L  Thin low-profile jaws, with lock, 108mm length

**Monarch II IOL Injector**
- 3430-2   For inserting Monarch II IOL, 124mm length

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

23ga ISOCLEAN™ Iridectomy Forceps, Straight Shaft
3450S-M23  23ga for use through the paracentesis. Serrated jaws effectively grasp the iris.

ISOCLEAN™ ICL Forceps
3460-M   Designed to grasp the ICL without damage.

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

Korenfeld Q-ceps™
3505-110  Designed to be used with cotton tips for gentle-touch fixation, absorption, and stabilization, 110mm length

(cotton tips not included)

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
- 3516-108 10mm smooth 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

**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 118mm length

Towel Clamps
3550-72 72mm length
Akahoshi Prechopper Cross-action Angled Shafts
3562-120  12mm shafts, maximum tip opening 3mm, 120mm length

Akahoshi Prechopper Cross-action Straight Shafts
3563-120  Maximum tip opening 3mm, 120mm length

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

Akahoshi Prechopper Cross-action
3565A-120  Angled 4.5mm delicate jaws, 120mm length
3565S-120  Straight 4.5mm delicate jaws, 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
3581-90  Angled micro cracker with solid serrated paddles, cross action, for use through a 2mm incision, 90mm length
Angled Kelman-McPherson Suturing Forceps  
3602A-12-85  .12mm 1 x 2 teeth, 5mm tying platforms, 10mm shafts, 85mm length

Straight Castroviejo 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 Suturing Forceps, 1 x 2 teeth, 5mm tying platforms  
3600S-12-85 .12mm teeth, 85mm length  
3600S-12-105 .12mm teeth, 105mm length, round handle  
3600S-12-108 .12mm teeth, 108mm length

3600S-30-108 .3mm teeth, 108mm 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
3703C-100  Curved, 100mm length
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

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

Reverse Sinskey Hook II
2001AR  .15mm blunt tip, angled shaft
2001SR  .15mm blunt tip, straight shaft

23ga ISOCLEAN™ Sinskey Hook Forceps
2001C-M23  .15mm blunt tip, curved shaft

Fenzel Insertion Hook
2002A  Angled
2002S  Straight
Jaffe-Knolle Iris Hook
2003A  Angled, curved blunt hook
2003S  Straight, curved blunt hook

Lewicky Lens Manipulating Hook
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
2012  Forked retractor, smooth 12mm x 40mm notched blade

Lacrimal Dilator
2200  Castroviejo double-ended, fine/medium taper
2201  Single-ended, heavy taper
2202  Single-ended, medium taper
2203  Single-ended, fine taper
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

Drysdales Nucleus Manipulator
2503  Paddle shaped tip
2503F  Paddle shaped tip, fine profile

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

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**
- 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.

**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
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™ Kuglen Push/Pull, Angled, Carbon Fiber Handle**

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

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**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

### 6-S™ Cyclodialysis Spatula, Angled, Carbon Fiber Handle
- 2705A-6: Center
- 2705A-6L: Left Hand
- 2705A-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

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
**Perone LASIK Flap Forceps**

8032  Enables delicate lifting of the flap without causing any trauma.  
2mm rings, 108mm length

---

**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

---

**Hersh LASIK Retreatment Forceps**

8030  Designed to lift the LASIK flap for retreatment, avoiding damage to the flap and facilitating a controlled peel. Double grip prevents bending the flap and facilitates lifting, 108mm length

---

**LASIK Multipurpose Forceps** (Combines spatula, dissector, and forceps features)

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

---

**Flap Elevator**

8020
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.

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

Corneal Epithelium Spatula
8085

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

Katzen LASIK Flap Unzipper
8090 Combines a modified Sinskey hook and a bi-convex spatula with beveled notches for LASIK enhancement.
Blade Handle
4001 For holding micro blades

Blade Breaker
4000

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

Chalazion Curette
1700-1520D Double-ended, 1.5mm/2.0mm diameter, 130mm length
1700-2535D Double-ended 2.5mm/3.5mm diameter, 130mm 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
4300-23  23ga
4300-25  25ga
4300-27  27ga

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
4450-7 7mm
4450-9 9mm
4450-11 11mm

Lid Retractor
4451 13mm

Kratz Capsule Scraper
4500-23 23ga cannula with 1mm angled sandblasted tip
Trabeculotome Set, left and right
4550A  Angled shaft, curved 8mm long pointed with 3mm spread tips
4550S  Straight shaft, curved 9mm long pointed with 3mm spread tips

Sterilizer 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)
4601iQ   2.5” x 6” x 1.5” (64mm x 156mm x 38mm) for single iQ handle
4604iQ   4” x 7.5” x 1.5” (102mm x 191mm x 38mm) for 4 iQ handles

Sterilizer 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)
**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.

**Sterilizer 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
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-K265 2.65mm, sharp
7900-K275 2.75mm, sharp
7900-K28  2.8mm, sharp
7900-K30  3.0mm, sharp
7900-K32  3.2mm, sharp

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 - Crescent
7900-C24  2.4mm, sharp, sharp sides
7900-C28  2.8mm, sharp, sharp sides

Bevel up

Bevel up

MISCELLANEOUS
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Diameter/Bevel</th>
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<tbody>
<tr>
<td>7900-P75-60</td>
<td>.75mm, straight, super sharp</td>
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<tr>
<td>7900-P1-60</td>
<td>1mm, straight, super sharp</td>
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<tr>
<td>7900-P12-60</td>
<td>1.2mm, straight, super sharp</td>
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<tr>
<td>7900-P1-60A</td>
<td>1mm, angled, super sharp</td>
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<tr>
<td>7900-P1-60AT</td>
<td>1mm, angled, truncated, super sharp</td>
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<tr>
<td>7990-P1</td>
<td>1mm, 30°, super sharp</td>
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<th>Model</th>
<th>Description</th>
<th>Diameter/Bevel</th>
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<tr>
<td>7900-T25/28</td>
<td>2.5/2.8mm, super sharp, sharp sides</td>
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<tr>
<td>7900-T27/32</td>
<td>2.7/3.2mm, super sharp, sharp sides</td>
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<th>Model</th>
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<td>7920-K24</td>
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<td>7920-K275</td>
<td>2.75mm, super sharp</td>
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<tr>
<td>7920-K28</td>
<td>2.8mm, super sharp</td>
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<th>Model</th>
<th>Description</th>
<th>Diameter/Bevel</th>
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<tr>
<td>7924-K23</td>
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<tr>
<td>7924-K25</td>
<td>2.5mm, super sharp, sharp sides</td>
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<tr>
<td>7924-K265</td>
<td>2.65mm, super sharp, sharp sides</td>
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</tr>
<tr>
<td>7924-K28</td>
<td>2.8mm, super sharp, sharp sides</td>
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<td>Model</td>
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<tr>
<td>5000C-115</td>
<td>Troutman Curved Needle Holder, Blunt tips, 10mm jaws, without lock, 115mm length</td>
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<tr>
<td>5000C-115L</td>
<td>Troutman Curved Needle Holder, Blunt tips, 10mm jaws, with lock, 115mm length</td>
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<td>5000C-115-SC</td>
<td>Suture Cutting, Blunt tips, 10mm jaws, with cutting platform, without lock, 115mm length</td>
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<tr>
<td>5000C-115L-SC</td>
<td>Suture Cutting, Blunt tips, 10mm jaws, with cutting platform, with lock, 115mm length</td>
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<tr>
<td>5001C-115</td>
<td>Barraquer Curved Needle Holder, Very delicate 9mm jaws, sharp tips, without lock, 115mm length</td>
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<tr>
<td>5001C-115L</td>
<td>Barraquer Curved Needle Holder, Very delicate 9mm jaws, sharp tips, with lock, 115mm length</td>
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<td>5002C-115</td>
<td>Fine Curved Needle Holder, Fine 9mm jaws, sharp tips, without lock, 115mm length</td>
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<tr>
<td>5002C-115L</td>
<td>Fine Curved Needle Holder, Fine 9mm jaws, sharp tips, with lock, 115mm length</td>
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<tr>
<td>5003DC-140</td>
<td>Castroviejo Curved Needle Holder, Delicate 11mm jaws, blunt tips, without lock, 140mm length</td>
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<tr>
<td>5003DC-140L</td>
<td>Castroviejo Curved Needle Holder, Delicate 11mm jaws, blunt tips, with lock, 140mm length</td>
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<td>5003FC-125</td>
<td>Castroviejo Curved Needle Holder, Fine 9mm jaws, sharp tips, without lock, 125mm length</td>
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<tr>
<td>5003FC-125L</td>
<td>Castroviejo Curved Needle Holder, Fine 9mm jaws, sharp tips, with lock, 125mm length</td>
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<tr>
<td>5003SC-140</td>
<td>Castroviejo Curved Needle Holder, Standard 11mm jaws, blunt tips, without lock, 140mm length</td>
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<tr>
<td>5003SC-140L</td>
<td>Castroviejo Curved Needle Holder, Standard 11mm jaws, blunt tips, with lock, 140mm length</td>
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</tbody>
</table>
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

Curved Needle Holder
- 5006C-110: 6mm delicate jaws, without lock, 110mm length
- 5006C-110L: 6mm delicate jaws, with lock, 110mm 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: Delicate 9mm jaws, sharp tips, without lock, 140mm length
- 5014C-140L: Delicate 9mm 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: Delicate 9mm jaws, sharp tips, without lock, 140mm length
- 5014S-140L: Delicate 9mm jaws, sharp tips, with lock, 140mm 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

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

Azar Curved Needle Holder
5009C-115  Fine 9mm jaws, without lock, 115mm length
5009C-115L Fine 9mm 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

Side Curved Needle Holder
5012C-115  Blunt tips, without lock, 115mm length
Straight Needle Holder

5013S-130  Delicate jaws without lock, with suture scissors, 130mm length
5013S-180  Delicate jaws without lock, with suture scissors, 180mm length

ISOCLEAN™ Needle Driver

5100C-M23  23ga
Revolutionary New Pick Designs Featuring:
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**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™ 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
**Gillum Nucleus Splitter**, 1.8mm tip, for nucleus chopping prior to phaco

**Curved shaft**

**Straight shaft**

**Phaco Chopper**

- 5500 Paddle Manipulator/60° Phaco Chopper

**Phaco Chopper**

- 5501 Lieberman Micro Finger/Quick Chop

**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, 1.8mm tip, for nucleus chopping prior to phaco**

- 5505C Curved shaft
- 5505S 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

Nucleus Splitter
5512
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, small blades, 13mm from pivot to tip, 105mm length

Castroviejo Curved Scissors
6003C-105  Blunt tips, 11mm from pivot to tip, 105mm length

Castroviejo Straight Scissors
6003S-105  Blunt tips, 11mm from pivot to tip, 105mm length
Castroviejo Keratoplasty Scissors
6004A-105  Blunt angled tips, longer lower blade, 16mm from pivot to tip
105mm length

Castroviejo Curved Corneal Scissors
6005C-105  Curved blunt tips, 10.5mm 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

Castroviejo Curved Corneal Scissors
6008C-115  Blunt tips, 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
Barraquer Iris Scissors - STAINLESS STEEL
6200-60S  Blunt tips, 8mm from bend to tip, squeeze action handle
60mm 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

Curved Iris Scissors
6202C-105  11mm blades, sharp tips, 105mm length

Straight Iris Scissors
6202S-105  11mm blades, sharp tips, 105mm length

Mcpherson-Vannas Curved Iris Scissors - STAINLESS STEEL
6205C-90S  Sharp pointed tips, 12mm from pivot to tip, 90mm length
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.

19ga ISOCLEAN™ IOL Cutter, Straight Shaft
6875S-M19  19ga
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
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
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
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 Straight Capsulotomy Scissors
6802S-108 Sharp pointed tips, 10.5mm blades, 108mm length
6803S-108 Sharp pointed tips, 12.5mm blades, 108mm length

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

20ga ISOCLEAN™ Curved Iridectomy Scissors
6850C-M20 20ga for use through the paracentesis. Curved blades improve visualization.

Surgical, LLC
Katalyst™

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Lieberman Solid Speculum
7000  Adjustable 14.5mm blades, 65mm length

Wire Speculum
7001  13.5mm blades, 52mm length
7001M  14mm blades, 41mm length

Closed Loop Wire Speculum
7001CL  13.5mm blades, 52mm length

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

**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

**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  14mm blades, 41mm length

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, 55mm length
Also Available....

**Fogla Air Injection Cannula**
- 1005-25  Angled bottom port to direct air posteriorly, 25ga
- 1005-27  Angled bottom port to direct air posteriorly, 27ga

**Park Irrigating Cannula**
- 1030-19  30° angled shaft, flattened tip with five ports, 19ga

**Irrigating Vectis Cannula**
- 1040-20  Irrigating loop with three ports, 20ga

**Interface Cannula**
- 1045-27  Slightly curved for precise cleaning of the stromal interface, 27ga

**Bracken Irrigating Cannula**
- 1102-19  Smooth, beveled front opening, 19ga

**Lateral Hydrodissection Cannula**
- 1223-25  Side port for distributing fluid around the nucleus, 25ga

**Helveston Finder Hook**
- 2007-L  Large lightly angled cone shaped tip
- 2007-S  Small lightly angled cone shaped tip

**Helveston Teaser Hook**
- 2008-6  6mm hook

**Jameson Muscle Hook**
- 2014-L  Large spatulated
- 2014-S  Small spatulated

**Strabismus Hook**
- 2015  Flat 7mm wide hook

**Serrefine Clamps**
- 3555-38  Serrated Jaws, 38mm length

**Nucleus Cracker**
- 3580-90  Straight, reverse action instrument, solid paddle shaped tips
- 3582-90  Curved, cross-action serrated paddles for use through a 3mm incision