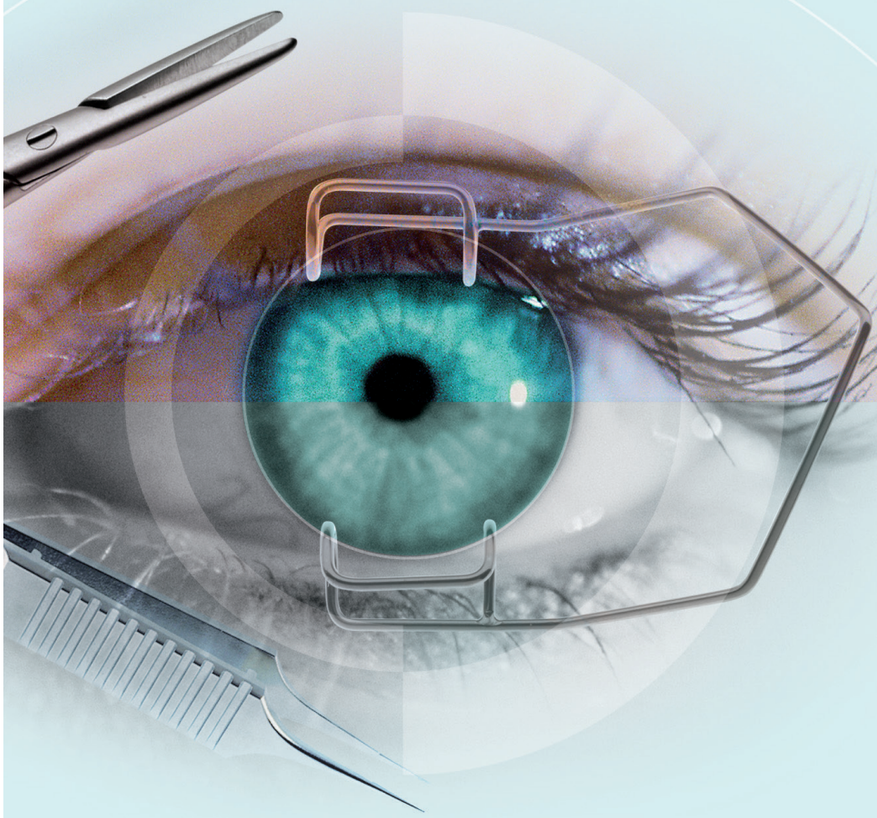

FCI x Katalyst Surgical Instruments Catalog

FCI-Ophthalmics.com

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Katalyst™ Surgical a ZEISS company

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FCI Ophthalmics is a world leader in the development of a wide range of ophthalmic surgical devices.

Since the company's inception in 1984, we are committed to responding to the ever-changing needs of eye care professionals with innovative research and advanced materials.

Following the acquisition of Katalyst Surgical, Inc. in 2022, FCI is excited to announce the expansion of its anterior segment portfolio with advanced instruments. Our newly expanded portfolio includes a wide range of reusable titanium and stainless steel instrumentation, Gemcision™ sapphire blades, cannulas, forceps, scissors, etc. to provide added value to surgeons.

Completing FCI's comprehensive anterior segment portfolio, our Cataract Product Catalog provides information on Morcher capsular tension rings and segments, capsule retractors, pupil dilators, sutures and Kitaro® cataract training kits.

Separate catalogs are available for FCI's posterior segment, oculoplastics and dry eye product portfolios.

In addition to our anterior segment portfolio, we also offer a full range of other eye care products, including vitreoretinal surgery devices, lacrimal stents and tubes, orbital implants, retinal detachment devices, ptosis repair devices, knives and sutures, and dry eye products.

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CALIPERS

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

	Braunstein Fixed Caliper
4051L	3.5/4.0 mm
4051S	3.0/3.5 mm

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CANNULAS

	Air Injection Cannula
1000-27	45° angled shaft, 5 mm from tip to bend, polished finished, 27 Ga
1000-30	45° angled shaft, 5 mm from tip to bend, polished finished, 30 Ga

	McIntyre Anterior Chamber Cannula
1020-26	Angled blunt tip, 12 mm from tip to bend, 26 Ga
1020-30	Angled blunt tip, 12 mm from tip to bend, 30 Ga

	Anterior Chamber Cannula
DV1020-27	10/box, sterile, disposable, 27 Ga
DV1020-30	10/box, sterile, disposable, 30 Ga

	Knolle Irrigating Cannula
1025-23	Blunt tip, 45° angled shaft, 2 mm from tip to bend, 23 Ga
1025-25	Blunt tip, 45° angled shaft, 2 mm from tip to bend, 25 Ga
1025-30	Blunt tip, 45° angled shaft, 2 mm from tip to bend, 30 Ga

	Irrigating Vectus Cannula
1040-20	Irrigating loop with three ports, 20 Ga

	Viscoelastic Injection Cannula
1050-21	50° angled shaft, 5 mm from tip to bend, flattened rounded tip, 21 Ga

	Bishop Harmon Irrigating Cannula
1100-19	30° angled shaft, 5 mm from tip to bend, flattened round blunt tip, 19 Ga
1100-19SET	Includes: 1100-19, adapter, and silicone bulb
1100-21	30° angled shaft, 5 mm from tip to bend, flattened round blunt tip, 21 Ga

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CANNULAS

	Shepard Incision Irrigating Cannula
1101-30	Flattened tip, 5 mm from tip to bend, 30 Ga

	Bracken Irrigating Cannula
1102-19	Smooth, beveled front opening, 19 Ga

	J-Shaped Hydrodissection Cannula
1110-25	25 Ga
1110-30	30 Ga

	Binkhorst Irrigating Cannula
1111L-22	22 Ga hooked left
1111L-25	25 Ga hooked left
1111L-26	26 Ga hooked left
1111R-22	22 Ga hooked right
1111R-25	25 Ga hooked right
1111R-26	26 Ga hooked right
1112L-26	26 Ga hooked left, fits through 2.2 mm incision
1112R-26	26 Ga hooked right, fits through 2.2 mm incision

	Troutman Olive Tip Cannula
1120-25	1 mm smooth bulbous tip, angled, 16 mm from tip to bend, 25 Ga

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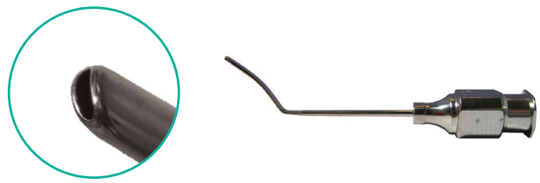
CATARACT

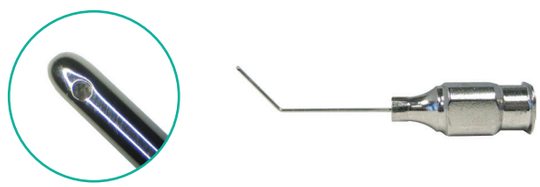
	Disposable Olive Tip Cannula
D1120-25	1 mm smooth bulbous tip, angled, 16 mm from tip to bend, 25 Ga

	Randolph Cyclodialysis Cannula
1150-19	Flattened shaft, 12 mm from tip to bend, 19 Ga

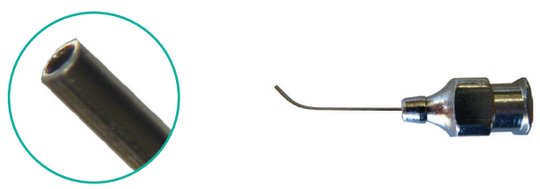


	Kellan Hydrodelineation Cannula
1200-25	Gently curved 25 Ga cannula with tip beveled down for use during hydrodelineation of the lens nucleus

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



	Kellan Hydrodissection Cannula
1225-25	Gently curved 25 Ga cannula with flattened blunt tip to slip under the anterior capsular flap



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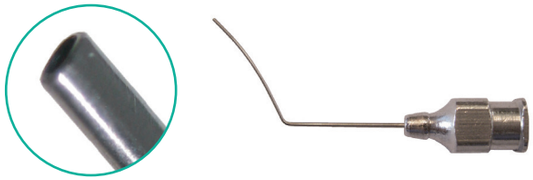
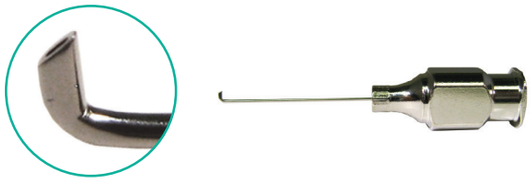
CANNULAS

	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	25 Ga
1226-27	27 Ga

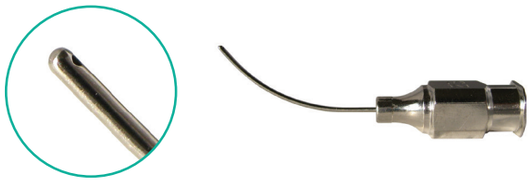


	Hydrodissection Cannula
1227-25	Flattened shaft, 8 mm from tip to bend, 25 Ga
1227-27	Flattened shaft, 8 mm from tip to bend, 27 Ga
1228-26	Flattened shaft, 12 mm from tip to bend, 26 Ga

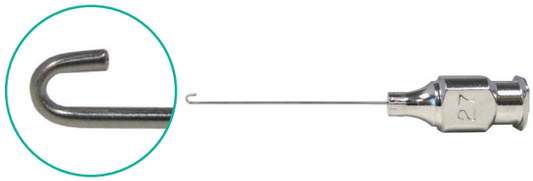
	Chang Hydrodissection Cannula
1229-27	1.5 mm flat beveled tip, angled 90°, 27 Ga



	Simcoe Cortex Extractor
1240-23	23 Ga



	Osher J Cannula
1245-27	27 Ga



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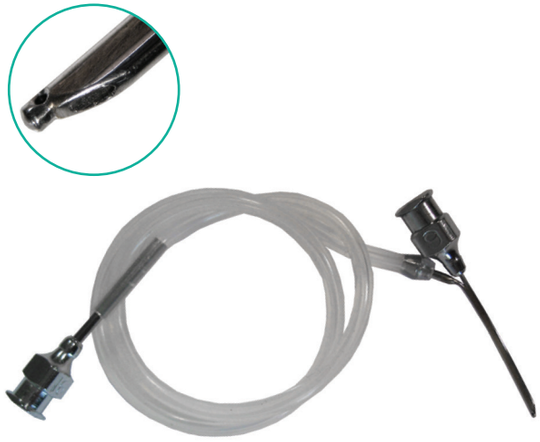
	Simcoe Double-Barreled I/A Unit
	23 Ga cannula with .3 mm aspiration port and curved shaft
1250-23	Irrigation through main hub, aspiration through silicone tubing, 23 Ga
1250-23R	Irrigation through silicone tubing, aspiration through main hub, 23 Ga



	Irrigating Lens Nucleus Loop
1260-25L	Left loop with two front ports, 25 Ga
1260-25R	Right loop with two front ports, 25 Ga

	Curved Lacrimal Cannula
1300C-23	10 mm curved, 23 Ga tip

	Lacrimal Cannula
1300S-23	Straight, 23 Ga

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

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CANNULAS

	West Lacrimal Cannula
1320-23	23 Ga

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

	Posterior Capsule Polisher
	Titanium impregnated on posterior surface of olive tip. Front opening, gently curved.
4300-23	23 Ga
4300-25	25 Ga
4300-27	27 Ga

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

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CURETTES

	Capsule Polishing Curette - STAINLESS STEEL
1601	1.75 mm 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, 1.5 mm/2.0 mm diameter, 130 mm length
1700-2535D	Double-ended 2.5 mm/3.5 mm diameter, 130 mm length

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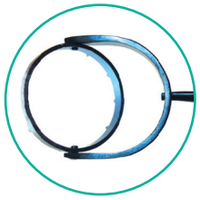
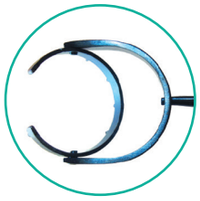
FIXATION RINGS

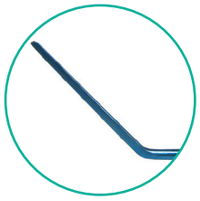


	Hofman-Thornton Fixation Ring
4100-16	Swivel head, 16 mm diameter

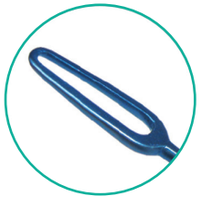


	Fine-Thornton Fixation Ring
4101-13	Swivel head, 13 mm diameter, 7 mm cut out
4101-16	Swivel head, 16 mm diameter, 11 mm cut out

	Kansas Lens Loop
4200	3 mm 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

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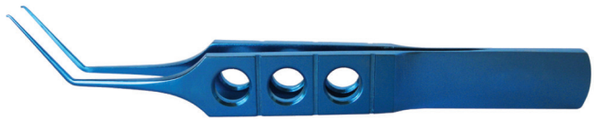
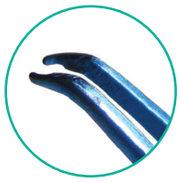
FORCEPS - CAPSULORHEXIS

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

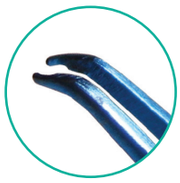
	Utrata Capsulorhexis Forceps, fine sharp tips, cystotome teeth
3000C-85	12 mm angled curved shaft, 85 mm length
3000S-85	12 mm angled straight shaft, 85 mm length

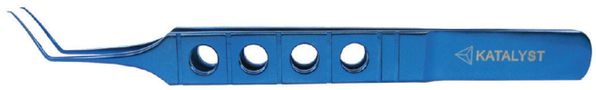


	Bloomberg-Pierse Capsulorhexis Forceps
3001C-85	14 mm angled curved shaft, 85 mm length
3001S-85	14 mm angled straight shaft, 85 mm length
3001S-115	14 mm angled straight shaft, 115 mm length



	Bloomberg-Pierse Capsulorhexis Forceps, Round Handle
3002C-105R	12 mm angled curved shaft, 105 mm length





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

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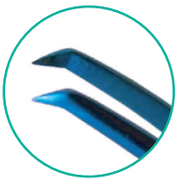
FORCEPS - CAPSULORHEXIS

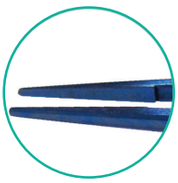
	O'Gawa-Utrata Capsulorhexis Forceps, fine tips, cystotome teeth
3003C-105R	12 mm angled curved shaft, 105 mm length
3003S-105R	12 mm angled straight shaft, 105 mm length



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

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

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



	Girard Tying Forceps, 4.5 mm tying platforms
3808C-105	Curved, 105 mm length
3808S-105	Straight, 105 mm length

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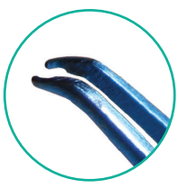
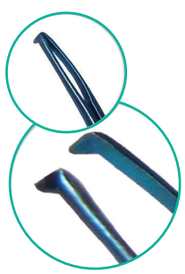
	McPherson Angled Tying Forceps, 45° angled shafts, 4 mm smooth jaws
3810-85	85 mm length

	Nevyas Capsulorhexis Forceps, fine tips, cystotome teeth
3008S-108	1 mm angled straight shaft, 108 mm length



	Capsulorhexis Forceps, cystotome teeth
3009C-120	12 mm angled curved shaft, 120 mm length
3009S-120	2 mm angled straight shaft, 120 mm length



	Giannetti MICS Capsulorhexis Forceps, cystotome teeth
3010C-101R	For 1.65 mm incision, 11 mm angled curved shaft, 101 mm length
3010C-101RSS	For 1.5 mm incision, 11 mm angled curved shaft, 101 mm length (STAINLESS)
3010S-101R	For 1.65 mm incision, 11 mm angled straight shaft, 101 mm length

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FORCEPS - CAPSULORHEXIS

	Paradigm MICS Capsulorhexis Forceps - STAINLESS STEEL
3011-117	For sub 1.5 mm incision, straight shaft, sharp tips, 117 mm length
3011-117B	For sub 1.5 mm incision, straight shaft, blunt tips, 117 mm length
3011C-117	For sub 1.5 mm incision, vaulted shaft, sharp tips, 117 mm length

	ISOCLEAN™ MICS Capsulorhexis Forceps, cystotome teeth
3050C-M23G	23 Ga 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	23 Ga curved shaft forceps with flush through lumen allows for thorough cleaning and reduces the risk of TASS. Sharp tips.
30C23B-iQ	Blunt tips

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FORCEPS - CHALAZION

	Chalazion Forceps, Oval
3100-1214	12 x 14 mm, 98 mm length

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

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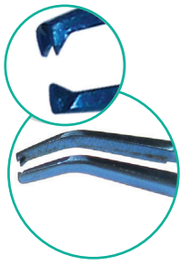
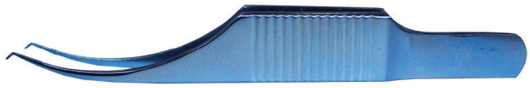
FORCEPS - CORNEAL



	Colibri Corneal Forceps
3200-12R	1 x 2 teeth, 0.12 mm teeth with tying platforms, 105 mm length

	Harms-Colibri Corneal Forceps
3201-12	1 x 2 teeth, 0.12 mm teeth with tying platforms, 75 mm length
3201-12D	Delicate 1 x 2 teeth, 75 mm length
3201-3	1 x 2 teeth, 0.30 mm teeth with tying platforms, 75 mm length
3201-5	1 x 2 teeth, 0.50 mm teeth with tying platforms, 75 mm length



	Korenfeld Globe Fixation Forceps featuring fixation grooves
3201-12-F	1 x 2 teeth, 0.12 mm teeth with tying platforms, 75 mm length
3201-3-F	1 x 2 teeth, 0.3 mm teeth with tying platforms, 75 mm length

	Suture Cutting
3201-12-FSC	1 x 2 teeth, 0.12 mm teeth with tying platforms, 75 mm length

	Colibri Forceps
3202-85	1 x 2 teeth, 0.12 mm teeth with tying platforms, 85 mm length
3202-115	1 x 2 teeth, 0.12 mm teeth with tying platforms, 115 mm length

	Pierse-Colibri Corneal Forceps
3203-75	With tying platforms, 75 mm length

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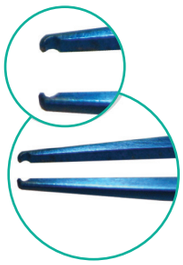
FORCEPS - CORNEAL



	Pierse Corneal Forceps
3204C-115	Curved, delicate, 115 mm length
3204S-115	Straight, delicate, 115 mm length

	Hofmann-Polack Corneal Suturing Forceps
3205-115	1 mm spread, 0.2 mm teeth, 115 mm length

	Polack Corneal Suturing Forceps
3206-115	1 mm spread, delicate 1 x 2, 0.12 mm teeth, 115 mm length

	Polack Corneal Suturing Forceps, Colibri Style
3207-75	2.75 mm tips, 1 mm spread, 1 x 2 teeth, 75 mm length

	Maumenee/Colibri Cross-Action Forceps
3208-125	1 x 2 teeth, 0.12 mm teeth with tying platforms, 45° tips, 125 mm length
3209-125	1 x 2 teeth, 0.12 mm teeth with tying platforms, 90° tips, 125 mm length

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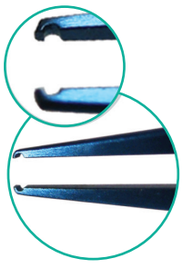
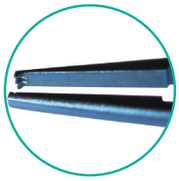
FORCEPS - FIXATION

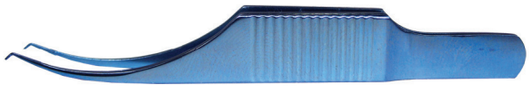
	Bonn Fixation Forceps, 1 x 2 teeth
3300-3	0.3 mm teeth, 108 mm length
3300-5	0.5 mm teeth, 108 mm length



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



	Thorpe Fixation Forceps, 0.12 mm, 2 x 3 teeth
3306-12	5 mm tying platform, 94 mm length



	Korenfeld Globe Fixation Forceps featuring fixation grooves
3201-12-F	1 x 2 teeth, .12 mm teeth with tying platforms, 75 mm length
3201-3-F	1 x 2 teeth, .30 mm teeth with tying platforms, 75 mm length

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FORCEPS - JEWELER

	Angled Jeweler Forceps
3151-A	0.05 x 0.01 mm tip

	Curved Jeweler Forceps
3151-C	0.07 x 0.03 mm tip

	Straight Jeweler Forceps
3151-S	0.05 x 0.01 mm tip
3152-S	0.1 x 0.06 mm tip
3153-S	0.3 x 0.3 mm tip
3155-S	0.5 x 0.5 mm tip

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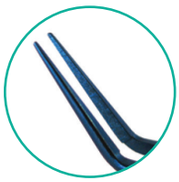
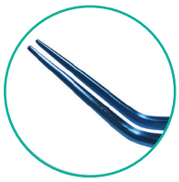
FORCEPS - LENS



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

	Bechert-McPherson Angled Forceps, 10 mm smooth jaws
3401-108	Very delicate, 108 mm length



	Kelman-McPherson Lens Holding Forceps
3402-102	102 mm length

	Anis Lens Forceps, 45° angled 9 mm smooth jaws
3409-115	Very delicate, 115 mm length

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

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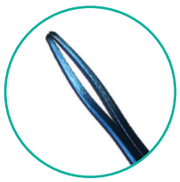
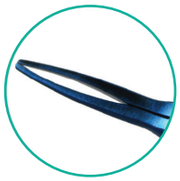
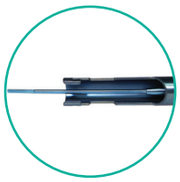
FORCEPS - LENS

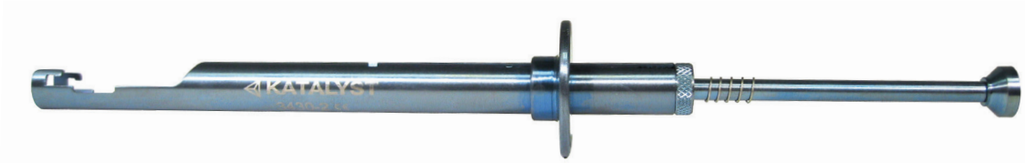


	Lens Implantation Forceps
3416-115	Smooth surface, round edges gently grip lens, 115 mm length

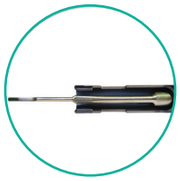


	Lens Implantation Forceps Standard Cross-Action
3418-108	Smooth rounded curved jaws, without lock, 108 mm length
3418-108L	Smooth rounded curved jaws, with lock, 108 mm length

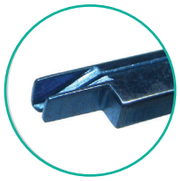




	Monarch II IOL Injector
3430-2	For inserting Monarch II IOL



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



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

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FORCEPS - MISCELLANEOUS

	ISOCLEAN™ Iridectomy Forceps, Straight Shaft
3450S-M23G	23 Ga 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, 0.10 mm for peripheral iridectomies, 85 mm length

	Watzke Sleeve Spreader Forceps - STAINLESS STEEL
3505	10 mm serrated teeth, 144 mm length

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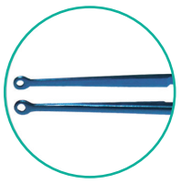
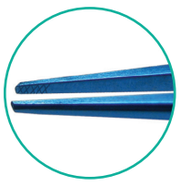
FORCEPS - MISCELLANEOUS

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

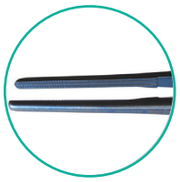
	Nugent Utility Forceps - STAINLESS STEEL
3515-108	10 mm criss-cross serrated jaws, 108 mm length



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



	Bishop-Harmon Dressing Forceps
3525-85	0.6 mm criss-cross serrated tips, 85 mm length



	Conjunctiva Forceps
3526-108	Serrated jaws, 108 mm length

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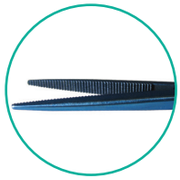
FORCEPS - MISCELLANEOUS



	Hartman Hemostatic Mosquito Forceps, 20 mm serrated jaws
3530C-108	Curved, 95 mm length
3530C-122	Curved, 122 mm length
3530S-108	Straight, 95 mm length
3530S-122	Straight, 122 mm length

	Cilia Forceps
3540-72	72 mm length

	Scleral Plug/Cannula Forceps
3545-118	114 mm length

	Serrefine Clamps
3555-38	Serrated Jaws, 38 mm length

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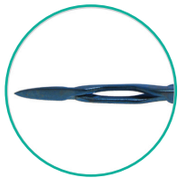
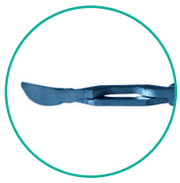
FORCEPS - PRECHOPPERS

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



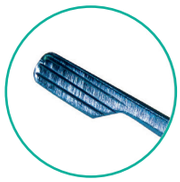
	Universal Akahoshi Prechopper, Straight
3572S-120R	For nuclei grades 2-4, maximum tip opening 3.0 mm 120 mm length



	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 - 120 mm length

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

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



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

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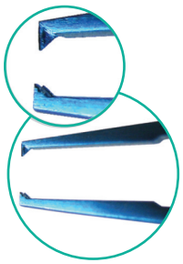
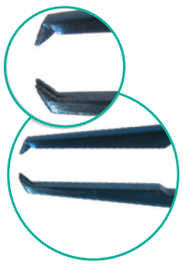
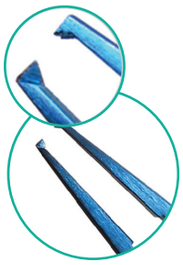
FORCEPS - SUTURING



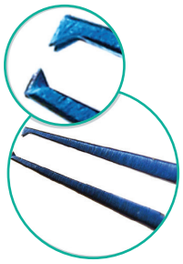
	Straight Suturing Forceps, 1 x 2 teeth, 5 mm tying platforms
3600S-10-85	0.10 mm teeth, 85 mm length
3600S-12-85	0.12 mm teeth, 85 mm length
3600S-12-105R	0.12 mm teeth, 105 mm length, round handle
3600S-12-108	0.12 mm teeth, 108 mm length
3600S-30-108	0.3 mm teeth, 108 mm length



	Straight Castroviejo Suturing Forceps, 1 x 2 teeth, 5 mm tying platforms
3601S-12-85	0.12 mm teeth, 85 mm length
3601S-12-108	0.12 mm teeth, 108 mm length
3601S-12-115	0.12 mm teeth, 115 mm length
3601S-30-108	0.3 mm teeth, 108 mm length
3601S-50-108	0.5 mm teeth, 108 mm length



	Angled Kelman-McPherson Suturing Forceps
3602A-12-85	0.12 mm 1 x 2 teeth, 5 mm tying platforms, 10 mm shafts, 85 mm length



	Colibri Conjunctiva Forceps, 1 x 2 teeth, 5 mm tying platforms
3603-12-85	0.12 mm teeth

	Colibri Suturing Forceps, 1 x 2 teeth, 0.12 mm teeth with tying platforms
3604-12-85	85 mm length

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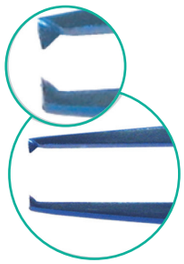
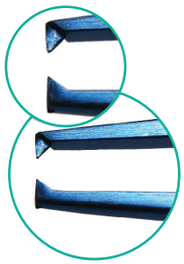
FORCEPS - TISSUE



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



	Tissue Forceps, 1 x 2 delicate teeth
3703S-100	Straight, 100 mm length

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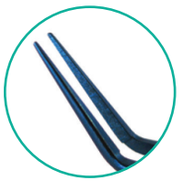
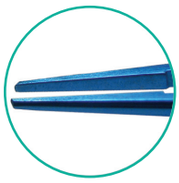
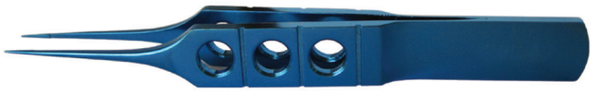
FORCEPS - TYING



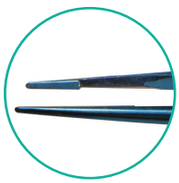
	Kelman-McPherson Forceps, 45° angled shafts, 7.5 mm smooth jaws
3400-85	85 mm length
3400-115	115 mm length

	Bechert-McPherson Angled Forceps, 10 mm smooth jaws
3401-108	Very delicate, 108 mm length





	McPherson Straight Tying Forceps, 4.5 mm tying platforms
3800-85	Standard tips, 85 mm length
3800-115	Standard tips, 115 mm length
3801-85	Ultrafine tips, 85 mm length
3801-115	Ultrafine tips, 115 mm length



	Korenfeld Suture Cutting Tying Forceps, 4.5 mm tying platforms
3800-85-SC	Standard tips, straight shaft, 85 mm length
3802-85-SC	Standard tips, 45° angled 12 mm shaft, 85 mm length

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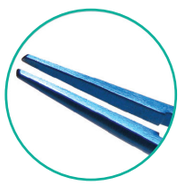
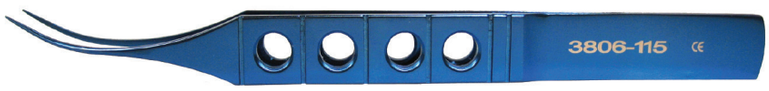
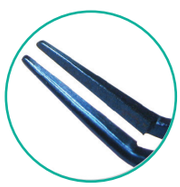
FORCEPS - TYING

	McPherson 45° Angled Tying Forceps, 4.5 mm tying platforms
3802-85	Standard tips, 12 mm shaft, 85 mm length
3802-115	Standard tips, 12 mm shaft, 115 mm length
3803-85	Ultrafine tips, 7 mm shaft, 85 mm length
3804-85	Ultrafine tips, 10 mm shaft, 85 mm length
3805-85	Ultrafine tips, 12 mm shaft, 85 mm length
3805-115	Ultrafine tips, 12 mm shaft, 115 mm length





	Curved Tying Forceps, 6.0 mm tying platforms
3806-85	85 mm length
3806-115	115 mm length



	Castroviejo Tying Forceps, 5.0 mm tying platforms
3807A-108	Angled 45°, 108 mm length
3807S-108	Straight, 108 mm length

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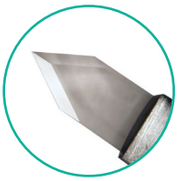
GEMCISION™ (BLADES)

Ultra sharp, reusable Gemcision™ blades are a great cost-cutting alternative to both diamond and stainless steel blades and come in several shapes and styles. The reusable Gemcision™ blades have retractable handles for blade protection.

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



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

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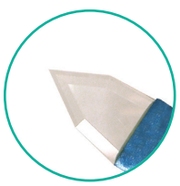
	Gemcision™ Sapphire Knife - Paracentesis Super Sharp
7900-P75-60	0.75 mm, straight, super sharp
7900-P75-60A	0.75 mm angled, super sharp
7900-P1-60	1 mm, straight, super sharp
7900-P1-60A	1 mm, angled, super sharp
7900-P1-60AT	1 mm, angled, truncated, super sharp
7900-P1-60T	1 mm, straight, truncated, super sharp
7900-P12-60	1.2 mm, straight, super sharp
7900-P12-60A	1.2 mm, angled, super sharp



	Gemcision™ Sapphire Knife - Trapezoid Super Sharp, Sharp Sides
7900-T20/24	2.0/2.4 mm, super sharp, sharp sides
7900-T20/30	2.0/3.0 mm, super sharp, sharp sides
7900-T23/28	2.3/2.8 mm, super sharp, sharp sides
7900-T25/28	2.5/2.8 mm, super sharp, sharp sides
7900-T27/32	2.7/3.2 mm, super sharp, sharp sides

	Gemcision™ Paracentesis, Super Sharp
7910-P8-60	0.8 mm, super sharp

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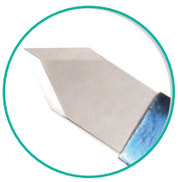
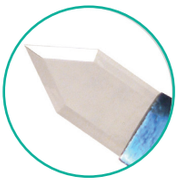
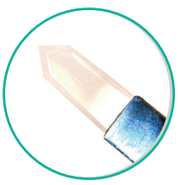
GEMCISION™ (BLADES)



	Gemcision™ Sapphire Knife - Keratome Super Sharp
7920-K22	2.2 mm, super sharp
7920-K24	2.4 mm, super sharp
7920-K25	2.5 mm, super sharp
7920-K275	2.75 mm, super sharp
7920-K28	2.8 mm, super sharp
7920-K30	3.0 mm, super sharp
7920-K32	3.2 mm, super sharp
7920-K38	3.8 mm, super sharp



	Gemcision™ Sapphire Knife - Keratome Super Sharp, Sharp Sides
7924-K18	1.8 mm, super sharp, sharp sides
7924-K22	2.2 mm, super sharp, sharp sides
7924-K23	2.3 mm, super sharp, sharp sides
7924-K24	2.4 mm, super sharp, sharp sides
7924-K25	2.5 mm, super sharp, sharp sides
7924-K265	2.65 mm, super sharp, sharp sides
7924-K275	2.75 mm, super sharp, sharp sides
7924-K28	2.8 mm, super sharp, sharp sides
7924-K30	3.0 mm, super sharp, sharp sides



	Gemcision™ Paracentesis, Super Sharp, Sharp Sides
7924-P1-60	1 mm, straight, super sharp, sharp sides
7924-P1-60A	1 mm, angled, super sharp, sharp sides
7924-P12-60A	1.2 mm, angled, super sharp, sharp sides

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

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

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

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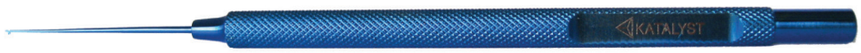
HOOKS AND MANIPULATORS

	Kuglen Iris Hook and Lens Manipulator
2000A	Angled
2000S	Straight

	Kuglen Push/Pull Hook
2000AP	Angled
2000SP	Straight

	Sinskey Hook II
2001A	0.15 mm diameter blunt tip, angled shaft
2001S	0.15 mm diameter blunt tip, straight shaft

	Reverse Sinskey Hook II
2001AR	0.15 mm blunt tip, angled shaft
2001SR	0.15 mm 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

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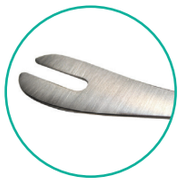
	Lewicky Lens Manipulating Hook, Angled
2004	90° angled tip on curved shaft, 0.15 mm blunt tip

	Fukasaku Small Pupil Snapper Hook
2005	Superior location of polished notch allows push back of Iris. Sharp inner edge for nucleus splitting.

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



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

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

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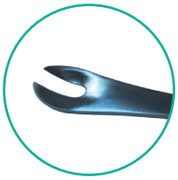
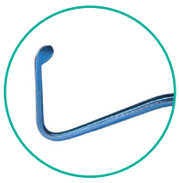
HOOKS AND MANIPULATORS



	Schepens Forked Retractor
2012	Smooth 12 mm x 40 mm notched blade

	Curved Tenotomy Hook
2013	

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



	Strabismus Hook
2015	Flat 7 mm wide hook

	Gass Retinal Detachment Hook - STAINLESS STEEL
2100	Oval Hook

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	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

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HOOKS AND MANIPULATORS

	Maltzman-Fenzel Lens Manipulator
2505A	Angled, 0.15 mm V-shaped tip
2505S	Straight, 0.15 mm 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.

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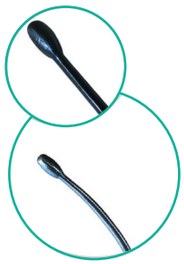
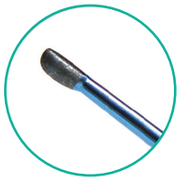
	Paton Spatula and Spoon, Double Ended
2509	

	Phaco Splitter and Nucleus Rotator
2510	



	Battle ICL Manipulator
2511	



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

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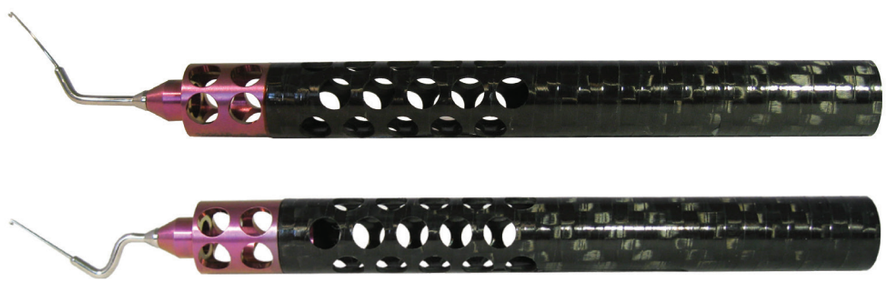
HOOKS AND MANIPULATORS - CARBON FIBER HANDLES

Revolutionary New Pick Designs Featuring: Carbon Fiber Handles, 6-S™ Tip Material, Left and Right Chiral™ Options

- **Carbon Fiber Handles** - optimized diameter and strength-to-weight ratio provides superior ergonomic comfort.
- **6-S™ Tip Material** – this unbendable 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 positions. The "Center" option lies on an "Axis of Ergonomic Bliss"™.



	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

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

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IRIS RETRACTORS

	Iris Retractor Hooks
	Sterile, disposable
D4176-2	2 sets of 5
D4176-5	5 sets of 5

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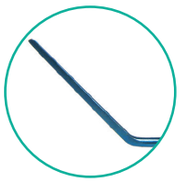
KANSAS INSTRUMENTS

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

	Kansas Lens Loop
4200	3 mm 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

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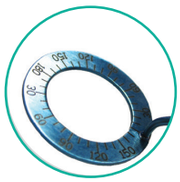
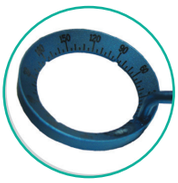
MARKERS



	Mendez Degree Gauge
8500	For accurate axial alignment of the cornea, 12 mm 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. 11.7 mm 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 2.5 mm radial marks extending to 11 mm. For use with the 8505 and 8506.

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

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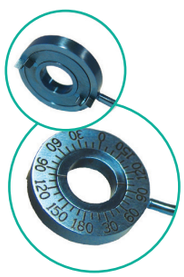
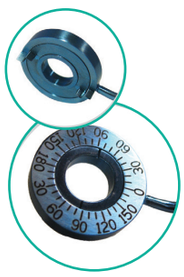
	Bores Optic Zone Marker		
8511-3	3 mm	**8511-475**	4.75 mm
8511-325	3.25 mm	**8511-5**	5 mm
8511-35	3.5 mm	**8511-6**	6 mm
8511-375	3.75 mm	**8511-7**	7 mm
8511-4	4 mm	**8511-8**	8 mm
8511-425	4.25 mm	**8511-85**	8.5 mm
8511-45	4.5 mm	**8511-9**	9 mm

	Hoffer Optic Zone Marker, With Cross Hairs		
8512-3	3 mm	**8512-475**	4.75 mm
8512-325	3.25 mm	**8512-5**	5 mm
8512-35	3.5 mm	**8512-6**	6 mm
8512-375	3.75 mm	**8512-7**	7 mm
8512-4	4 mm	**8512-8**	8 mm
8512-425	4.25 mm	**8512-85**	8.5 mm
8512-45	4.5 mm	**8512-9**	9 mm



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



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

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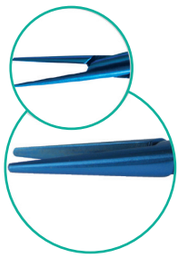
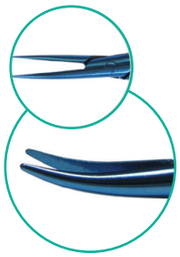
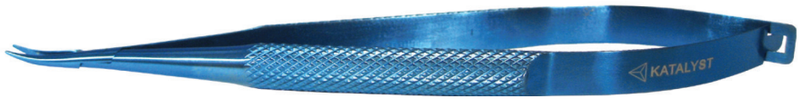
NEEDLE HOLDERS



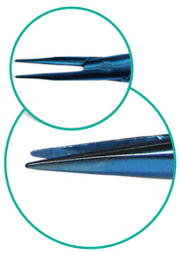
Closed tip width		Castroviejo Straight Needle Holder
1.0 mm	**5004DS-140**	Delicate 11 mm jaws, blunt tips, without lock, 140 mm length
	5004DS-140L	Delicate 11 mm jaws, blunt tips, with lock, 140 mm length
.8 mm	**5004FS-125**	Fine 9 mm jaws, sharp tips, without lock, 125 mm length
	5004FS-125L	Fine 9 mm jaws, sharp tips, with lock, 125 mm length
1.25 mm	**5004SS-140**	Standard 11 mm jaws, blunt tips, without lock, 140 mm length
	5004SS-140L	Standard 11 mm jaws, blunt tips, with lock, 140 mm length

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





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



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

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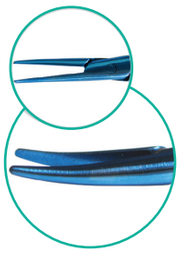
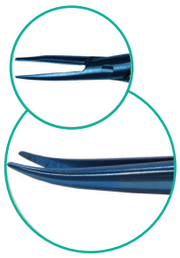


Closed tip width

.6 mm

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

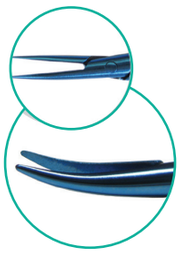


1.0 mm

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

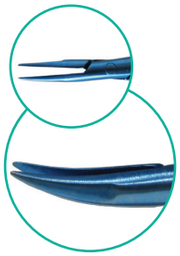
1.0 mm

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



.8 mm

	Barraquer Curved Needle Holder
5001C-115	Very delicate 9 mm jaws, sharp tips, without lock, 115 mm length
5001C-115L	Very delicate 9 mm jaws, sharp tips, with lock, 115 mm length



.7 mm

	Fine Curved Needle Holder
5002C-115	Fine 9 mm jaws, sharp tips, without lock, 115 mm length
50022C-115L	Fine 9 mm jaws, sharp tips, with lock, 115 mm length

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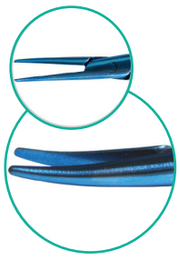
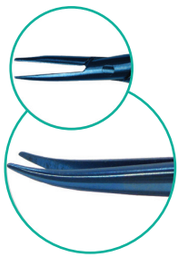
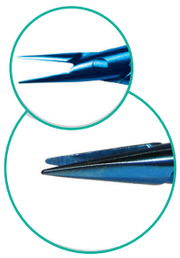
NEEDLE HOLDERS



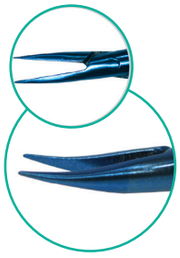
Closed tip width		Castroviejo Curved Needle Holder
1.0 mm	**5003DC-140**	Delicate 11 mm jaws, blunt tips, without lock, 140 mm length
	5003DC-140L	Delicate 11 mm jaws, blunt tips, with lock, 140 mm length
.8 mm	**5003FC-125**	Fine 9 mm jaws, sharp tips, without lock, 125 mm length
	5003FC-125L	Fine 9 mm jaws, sharp tips, with lock, 125 mm length
1.25 mm	**5003SC-140**	Standard 11 mm jaws, blunt tips, without lock, 140 mm length
	5003SC-140L	Standard 11 mm jaws, blunt tips, with lock, 140 mm length



.8 mm		Curved Needle Holder
	5007C-115	Medium 11 mm jaws, sharp tips, without lock, 115 mm length
	5007C-115L	Medium 11 mm jaws, sharp tips, with lock, 115 mm length



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



.4 mm		Azar Curved Needle Holder
	5009C-115	9 mm fine gently curved jaws, without lock, 115 mm length
	5009C-115L	9 mm fine gently curved jaws, with lock, 115 mm length

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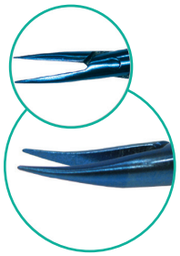
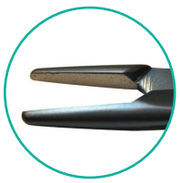


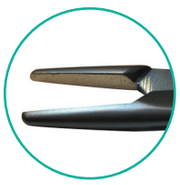
Closed tip width

.4 mm

	Bechert-Sinskey Curved Needle Holder
5010C-115	Delicate 9 mm jaws, sharp tips, without lock, 115 mm length
5010C-115L	Delicate 9 mm jaws, sharp tips, with lock, 115 mm length



	Straight Needle Holder
5013S-130	Delicate 9 mm jaws, sharp tips, without lock, 130 mm length
5013S-180	Delicate 9 mm jaws, sharp tips, with lock, 180 mm length



	Korenfeld Straight Needle Holder Scissors
5015S-115	Combines needle holder and scissors to elimate the need for an instrument exchange, 115 mm length

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PHACO CHOPPERS

	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, 1.1 mm tip
5502S-11	Straight shaft, 1.1 mm tip
5502C-18	Curved shaft, 1.8 mm tip
5502S-18	Straight shaft, 1.8 mm tip

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

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

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	Gillum Nucleus Splitter
5505C	For nucleus chopping prior to phaco, curved shaft
5505S	For nucleus chopping prior to phaco, straight shaft

	Claw Phaco Chopper
5506	Special triple inner blades construction allows chopping in three directions

	Phaco Chopper
5507A	Angled shaft
5507S	Straight shaft

	Phaco Chopper
5508	Special inner blade is offset 45°, unique elongated distal segment

	Neuhann Nucleus Divider
5509	Ambidextrous nucleus chopper

	Haefliger Phaco Cleaver
5510	Chopper and manipulator in one
5510S	Chopper and manipulator in one, STAINLESS STEEL

	Nucleus Splitter
5512	

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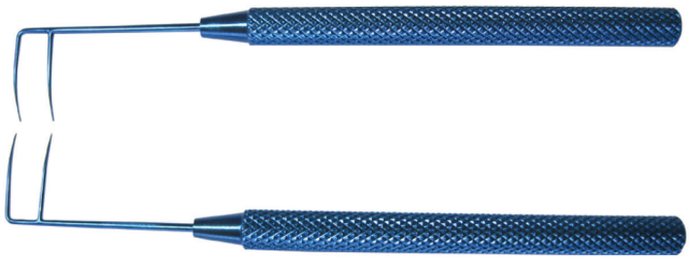
RETRACTORS

	Helveston Retractor
4450-9	9 mm

	Lid Retractor
4451	13 mm



	Trabeculotome Set
4550A	Angled
4550S	Straight

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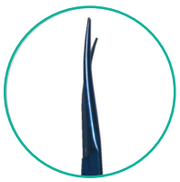
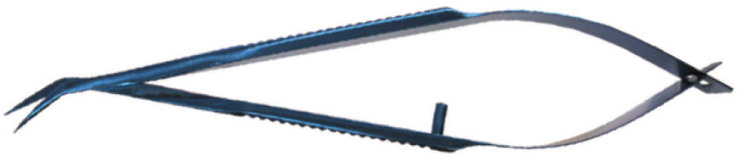
SCISSORS - CORNEAL



	Castroviejo Corneal Section Scissors - Left Hand
6000L-105	Blunt tips, lower blade .5 mm longer than upper, 9 mm from pivot to tip, 105 mm length
6001L-105	Blunt tips, lower blade .5 mm longer than upper, 13 mm from pivot to tip, 105 mm length



	Castroviejo Corneal Section Scissors - Right Hand
6000R-105	Blunt tips, lower blade .5 mm longer than upper, 9 mm from pivot to tip, 105 mm length
6001R-105	Blunt tips, lower blade .5 mm longer than upper, 13 mm from pivot to tip, 105 mm length

	Castroviejo Curved Corneal Scissors
6002C-105	Blunt tips, 13 mm from pivot to tip, 105 mm length

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

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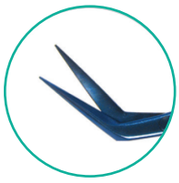
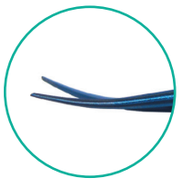
SCISSORS - CORNEAL



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



	Castroviejo Curved Corneal Scissors, blunt tips
6006C-115	16 mm from pivot to tip, 115 mm length
6007C-115	11 mm from pivot to tip, 115 mm length
6008C-115	16 mm from pivot to tip, 115 mm length

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

	Corneal Section Scissors, Left
6010L-95	Blunt tips, thin curved blades, 21 mm from pivot to tip, 115 mm length

	Corneal Section Scissors, Right
6010R-95	Blunt tips, thin curved blades, 8 mm from pivot to tip, 95 mm length

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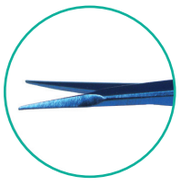
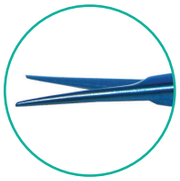
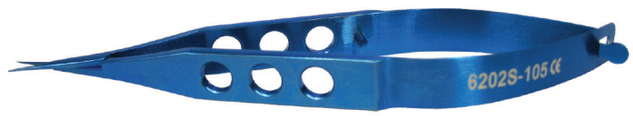
SCISSORS - IRIS

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

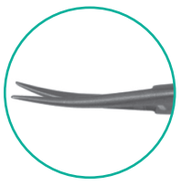


	Curved Iris Scissors
6201S-90	11 mm blades, sharp tips, 4 mm cutting length, 90 mm length





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



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

	ISOCLEAN™ Curved Iridectomy Scissors
6850C-M23	23 Ga for use through the paracentesis, curved blades
6850S-M23	23 Ga ISOClean for use through the paracentesis, straight blades

	IQ™
iQ-6850C	23 Ga - curved iridectomy scissors, straight shaft
iQ-6850S	23 Ga - straight iridectomy scissors, curved shaft

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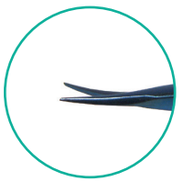
SCISSORS - SUTURE/STITCH

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



	McPherson-Westcott Stitch Scissors
6403-105	Very sharp pointed tips, 10.5 mm from pivot to tip, 105 mm length

	McPherson-Westcott Stitch Scissors
6405-115	Sharp pointed tips, 13 mm from pivot to tip, 115 mm length
6405-140	Sharp pointed tips, 13 mm from pivot to tip, 140 mm length

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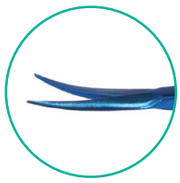
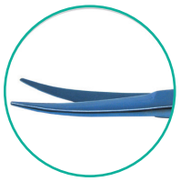
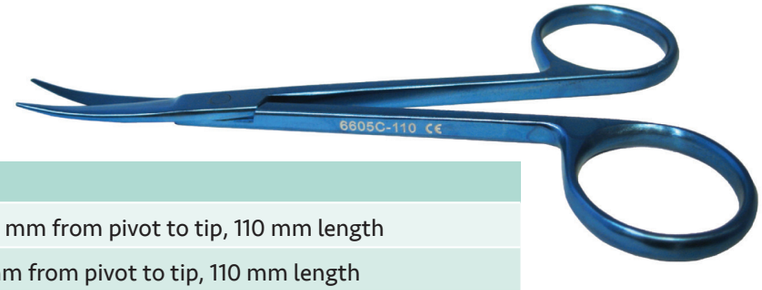
SCISSORS - UTILITY



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

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





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

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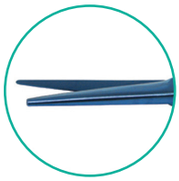
SCISSORS - UTILITY

	Titanium Bandage Scissors
6700-115	115 mm length



	Lanter Drape Scissors
6701-110	

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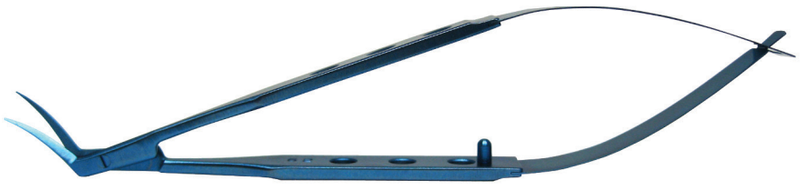
SCISSORS - MISCELLANEOUS

	Osher IOL Cutter
6150	



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

	19 Ga ISOCLEAN™ IOL Cutter
6875S-M19	19 Ga, straight shaft, with flush through lumen that allows for thorough cleaning
6875C-M19	19 Ga, curved shaft, with flush through lumen that allows for thorough cleaning

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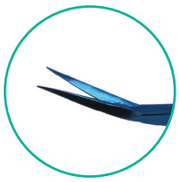
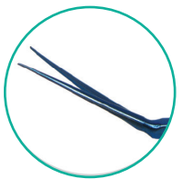
SCISSORS - VANNAS



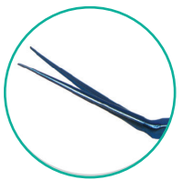
	Vannas Angled Scissors
6800A-82	Sharp tips, 7.0 mm blades, 9.0 mm from pivot to tip 82 mm length

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

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



	Vannas Angled Capsulotomy Scissors
6802A-95	Sharp pointed tips, 10.5 mm blades, 95 mm length
6803A-95	Sharp pointed tips, 12.5 mm blades, 95 mm length



	Vannas Curved Capsulotomy Scissors
6802C-95	Sharp pointed tips, 10.5 mm blades, 95 mm length
6803C-95	Sharp pointed tips, 12.5 mm blades, 95 mm length

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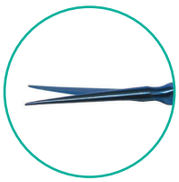
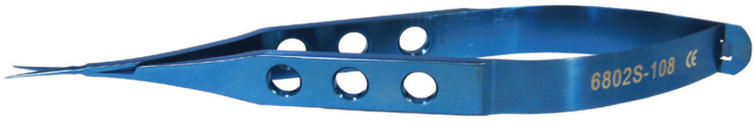
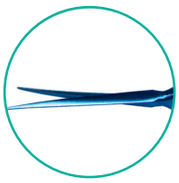
SCISSORS - VANNAS





	Vannas Straight Capsulotomy Scissors
6802S-108	Sharp pointed tips, 10.5 mm blades, 95 mm length
6803S-108	Sharp pointed tips, 12.5 mm blades, 95 mm length



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

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

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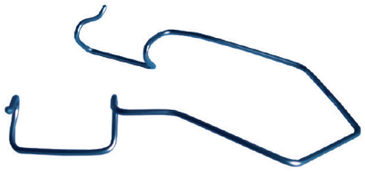
SPECULUMS

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

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



	Closed Loop Wire Speculum
7001CL	13.5 mm blades, 52 mm length
7001CL-H	14 mm blades, 40 mm length, heavy gauge, STAINLESS STEEL

	Closed Loop Wire Speculum Small, Pediatric
7001CL-S	10 mm blades, 42 mm length

	Lieberman Open V-Wire Speculum
7002	Adjustable 14.5 mm blades, 65 mm length

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

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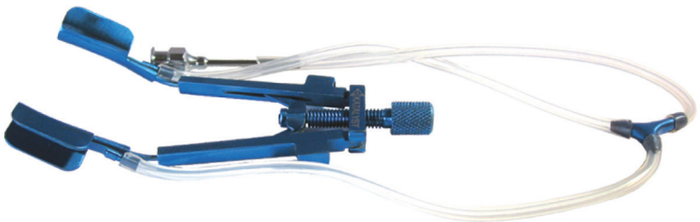
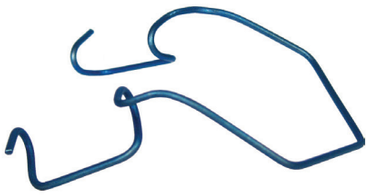
	Lindstrom-Chu Aspirating Speculum
7004A	For removal of excess fluid from the ocular surface. Reversible speculum can rest nasally or temporally. Adjustable 14.5 mm blades, 65 mm length



	Lieberman-Kratz Open Wire Speculum
7005	Adjustable 14.5 mm open blades, 45° angled shaft 65 mm length

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

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



	Barraquer Solid Blade Speculum
7008	14.5 mm blades, 45 mm length

	Steinert LASIK ACS Speculum, temporal fit
7016	Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5 mm blades, 65 mm length

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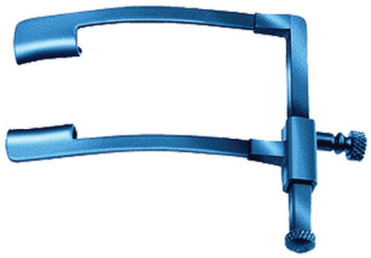
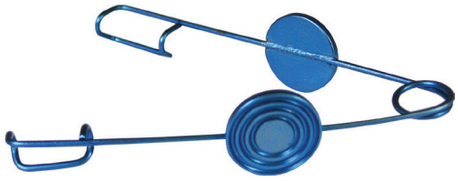
SPECULUMS

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

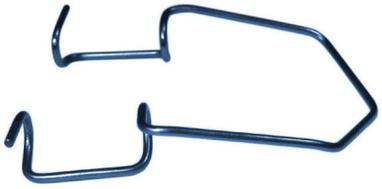
	Cook Eye Speculum, Pediatric
7018	10 mm blades, 55 mm length



	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

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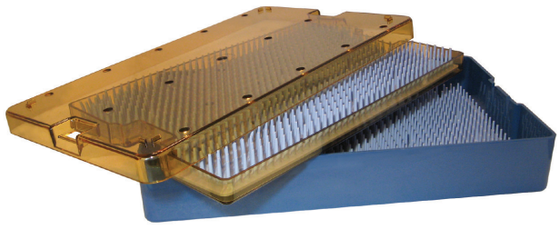
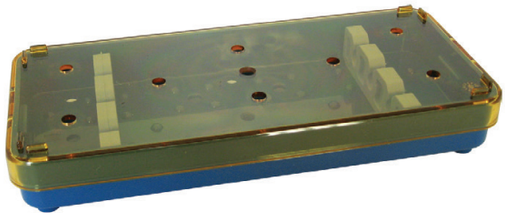
TRAYS

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

	Instrument Tray - Bi-Level
4600B	10" x 6" x 1.5" (257 mm x 156 mm x 38 mm)
4600LB	15" x 10" x .1.5" (381 mm x 254 mm x 38 mm)



	Instrument Tray - Slotted Bar
4600S	2.5" x 6" x 8" (64 mm x 156 mm x 20 mm)
4600SD	4" x 7.5" x .1.5" (102 mm x 191 mm x 38 mm), for phaco handpiece



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MISCELLANEOUS

	Blade Breaker
4000	

	Blade Handle
4001	For holding micro blades

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

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CATARACT

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CILIPROBE™

	Ciliprobe™ Transscleral Cyclophotocoagulation Probe
D4700A	Designed to work for two procedures with an infrared laser. Sold in boxes of 5

PUNCHES

	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, 0.5 mm deep bite, 128 mm length
4400-75	0.75 mm diameter head
4400-10	1.0 mm diameter head
4400-12	1.2 mm diameter head
4400-15	1.5 mm diameter head

	Luntz-Dodick Trabeculectomy Punch - Squeeze Handle
4400-75S	0.75 mm diameter head
4400-10S	1.0 mm diameter head
4400-12S	1.2 mm diameter head
4400-15S	1.5 mm diameter head

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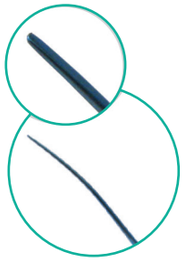
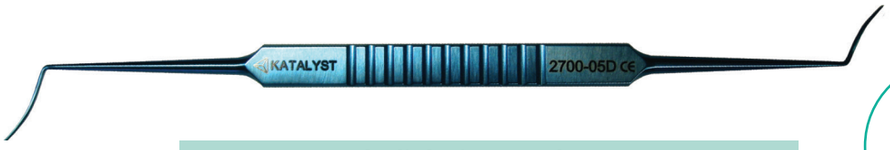
SPATULA

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



	Barraquer Cyclodialysis Spatula
2700-05	Semi-sharp 0.5 mm tips
2700-07	Semi-sharp 0.7 mm tips



	Barraquer Cyclodialysis Spatula
2700-05D	Semi-sharp 0.5 mm vaulted tips, double-ended 10 mm tip to bend and 15 mm tip to bend

	Sinskey Nucleus Spatula
2701	0.25 mm wide x 31 mm length, slightly curved blade

	Koch Spatula - STAINLESS STEEL
2710	Gently curved smooth tip

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CANNULAS

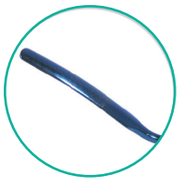
	Spatulated LASIK Cannula
8000	Curved cannula has an end opening for irrigating the interface. Flattened spatula tip easily locates and elevates the flap edge, 26 Ga

	Buratto LASIK Cannula
	One front and two side ports, designed for equal flow in all directions
8002-23	23 Ga
8002-25	25 Ga

	Banaji LASIK Cannula
8003	Bullet-shaped tip. Six ports for multi-directional irrigation, 25 Ga

	Vidaurri LASIK Cannula
8004	Double-armed, eight irrigating ports, 25 Ga

	Flap Cover
8010	



	Flap Elevator
8020	

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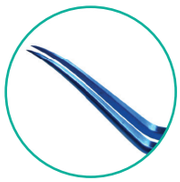
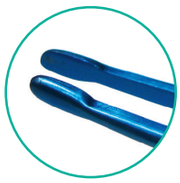
FORCEPS, HOOKS AND MANIPULATORS



	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, 115 mm 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, 108 mm length

	LASIK Flap Manipulator
8040	Delicate olive shaped tip which is used to gently depress the cornea to locate the flap edge. Once located, it 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.

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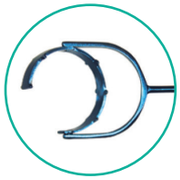
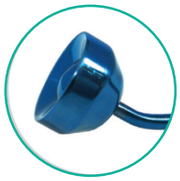
FORCEPS, HOOKS AND MANIPULATORS



	Gimbel Stabilization Ring
8070	Offset 13 mm diameter ring with 9 mm 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. Eleven mm inner diameter offers secure fixing of the cornea during ablation without interference. Unique angled protector shields the flap and hinge.



	Caro-Avalos Flap Smoother
8080	Designed to fix the globe during laser ablation while covering the hinge and flap for complete protection. Eleven mm 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 and Retreatment Spatula
8091	

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SPECULUMS

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

	Steinert LASIK ACS Speculum, temporal fit
7016	Strong with ideal curvature for accommodating the microkeratome suction ring. Adjustable 14.5 mm blades, 65 mm length

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

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