Hurricane Medical

AN INNOVIA MEDICAL COMPANY

Product Catalog

The Finest Single-Use Products for Today's Ophthalmic Surgery

Hurricane Medical was established in 1999 to provide ready-to-use surgical products and superior customer service to ophthalmic healthcare professionals worldwide. Our knowledgeable, customer friendly, environment promotes a personal and professional partnership to meet your ophthalmic surgical needs. We have a commitment to provide the finest, cost-effective, ready-to-use products to simplify eye surgery with a rapid response to customer inquiries, order processing and delivery. We are confident that you will find our products to be of the highest quality and our service to be personal and professional.

The Complete Quality Assurance System

Hurricane Medical products are compliant with the highest standards of quality in the ophthalmic industry. Products must meet the precise requirements of thorough quality testing before acceptance. Hurricane Medical holds multiple registrations and quality system certifications to ensure regulatory compliance and CE marking of products.

Guarantee: Hurricane Medical unconditionally guarantees that all products will be free of manufacturing defects.

Product Packaging and Labeling

All products are packaged sterile and ready-to-use unless otherwise noted. Transparent packaging allows visual inspection to assure correct product is selected prior to opening. Products with delicate tips are protected to ensure quality and provide aseptic transfer.

The following internationally recognized symbols are used on Hurricane Medical labeling to communicate product information.

Product Number

Lot Number

Product Expiration (Year - Month - Day)

DO NOT REUSE

Open/Peel Here

DO NOT USE IF PACKAGE DAMAGED

Sterilized Using Irradiation

Package Quantity

DO NOT RESTERILIZE

Product Insert

European Union CE mark and Notified Body ID Number

Product is Non-Sterile

European Union Authorized Representative

Manufacturer

New Product Ideas

Hurricane Medical is committed to innovation. Please send your new product ideas to our Product Design Team. We guarantee a rapid professional response to individual customer requirements.

Hurricane Medical • 5315 Lena Road • Bradenton, FL 34211-9442 • Telephone: 941-751-0588
Toll Free: 877-446-1444 (USA) • Fax: 941-752-4738 • email: dell@hurricanemedical.com
www.hurricanemedical.com

Copyrights: This catalog is copyrighted and may not be reproduced without consent of Hurricane Medical.

Table of Contents

Anesthesia 3

Irrigation/Air Injection 4

Capsulotomy 6

Hydrodissection 7

Cortex Removal 9

Capsule Polishing 10

Refractive 11

IOL & Nucleus Manipulation 13

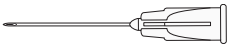
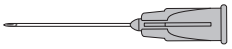
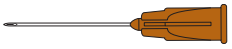
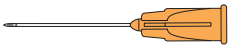
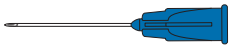
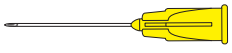
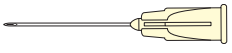
Vitreoretinal 14

Microsurgical Accessories 17

Product Index 19

Hub Color Code

Hurricane Medical hubs comply with ISO 6009 Color Coding and ISO 80369-7 luer taper lock connectors.

Color	Gauge	ID (in)	ID (mm)	OD (in)	OD (mm)
Natural* (Clear) 	30G	.006	.15	.012	.30
Grey 	27G	.008	.20	.016	.40
Brown 	26G	.010	.25	.018	.45
Orange 	25G	.010	.25	.020	.50
Purple	24G	.012	.30	.022	.55
Blue 	23G	.013	.33	.025	.60
Black	22G	.016	.41	.028	.70
Green	21G	.020	.51	.032	.80
Yellow 	20G	.024	.60	.036	.90
Cream 	19G	.028	.70	.043	1.10

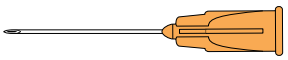
*Not an ISO color code

Anesthesia

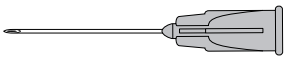
For administering local anesthetic prior to ophthalmic surgery
Do not recap needle after use. Discard all needles according to recognized procedures.

Atkinson Tip Anesthesia Needles

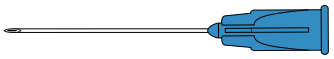
Single facet with a 22° angle point.



1425 Peribulbar Needle - Atkinson
25G x 7/8 in (.50 x 22mm)



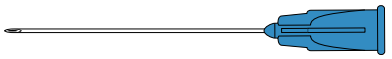
1427 Peribulbar Needle - Atkinson
27G x 7/8 in (.40 x 22mm)



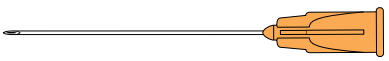
1023 Anesthesia Needle - Atkinson
23G x 1 1/4 in (.60 x 32mm)
May be used for peribulbar or retrobulbar administration

1025 Anesthesia Needle - Atkinson
25G x 1 1/4 in (.50 x 32mm)
May be used for peribulbar or retrobulbar administration

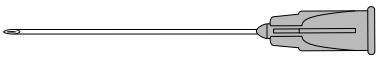
1027 Anesthesia Needle - Atkinson
27G x 1 1/4 in (.40 x 32mm)
May be used for peribulbar or retrobulbar administration



1123 Retrobulbar Needle - Atkinson
23G x 1 1/2 in (.60 x 38mm)



1125 Retrobulbar Needle - Atkinson
25G x 1 1/2 in (.50 x 38mm)

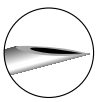


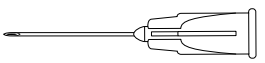
1127 Retrobulbar Needle - Atkinson
27G x 1 1/2 in (.40 x 38mm)

Sharp Tip Needles

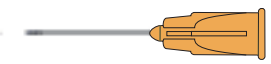
Trifacet with a 12° angle point.

1225 Retrobulbar Needle - Sharp
25G x 1 1/2 in (.50 x 38mm)





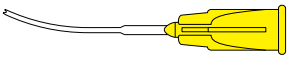
1230 Facial Infiltration Needle - Sharp
30G x 5/8 in (.30 x 16mm)



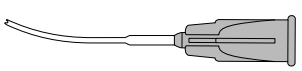
1525 Scleral Track Needle
25G x 5/8 in (.50 x 16 mm)

Sub-Tenon's Anesthesia

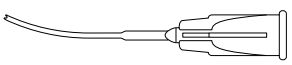
For administering anesthetic agents into the posterior sub-Tenon's space.



1320 Sub-Tenon's Cannula
20G x 1 in (.90 x 25mm)



1327 Sub-Tenon's Cannula
27G x 7/8 in (.40 x 22mm)

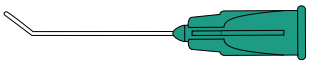


1330 Sub-Tenon's Cannula
30G x 7/8 in (.30 x 22mm)

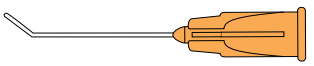
Irrigation /Air Injection

For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Also used to keep the cornea moist. Cannula tip is specially rounded, extra smooth for safe insertion through wound and manipulation in the anterior chamber.

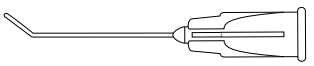
Anterior Chamber



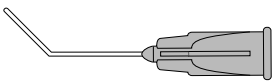
2021 Irrigating Cannula - Rycroft
21G x 7/8 in (.80 x 22mm) Angled 4mm from end



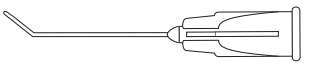
2025 Irrigating Cannula - Rycroft
25G x 7/8 in (.50 x 22mm) Angled 4mm from end



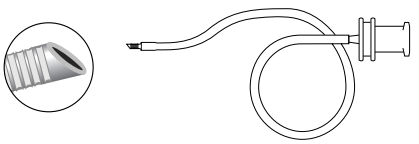
2030 Irrigating Cannula - Rycroft
30G x 7/8 in (.30 x 22mm) Angled 4mm from end



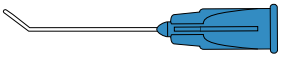
2527 Irrigating Cannula
27G x 7/8 in (.40 x 22mm) Angled 7mm from end



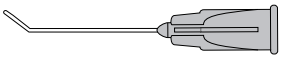
2730 Irrigating Cannula
30G x 7/8 in (.30 x 22mm) Angled 5mm from end



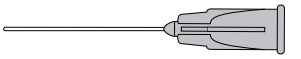
2520 Anterior Chamber Maintainer
20G x 9/64 in (.90 x 3.5mm)
Flexible tubing 10 in. (25cm):ID - 1mm; OD - 2mm
Unique annular rings start .85mm from beveled tip
Self retaining, does not require suturing



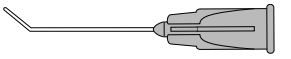
2023 Irrigating Cannula - Rycroft
23G x 7/8 in (.60 x 22mm) Angled 4mm from end



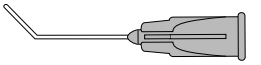
2027 Irrigating Cannula - Rycroft
27G x 7/8 in (.40 x 22mm) Angled 4mm from end



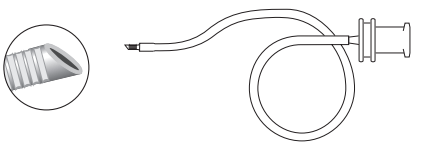
2127 Irrigating Cannula
27G x 7/8 in (.40 x 22mm)



2727 Irrigating Cannula
27G x 7/8 in (.40 x 22mm) Angled 5mm from end

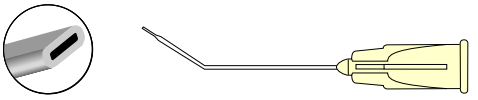


2827 Irrigating Cannula
27G x 7/8 in (.40 x 22mm) Angled 6mm from end

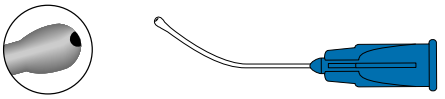


2523 Anterior Chamber Maintainer
23G x 9/64 in. (.60 x 3.5mm)
Flexible tubing 10 in. (25cm): ID- 1mm OD-2mm
Unique annular rings start .85mm from beveled tip
Self retaining, does not require suturing

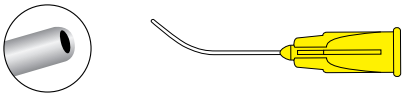
Irrigation



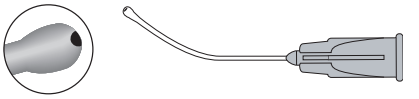
2219 Irrigating Cannula - Bishop Harmon
19G x 1 in (1.10 x 25mm) Angled 8mm from end, flattened tip



2623 Olive Tip Cannula
23G x 7/8 in (.60 x 22mm) Curved.
Olive shape tip is 2mm long x 1mm wide



2220 Irrigating Cannula-Curved
20G x 7/8 in (.90 x 22mm)



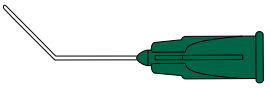
2627 Olive Tip Cannula
27G x 7/8 in (.40 x 22mm) Curved.
Olive shape tip is 2mm long x 1mm wide

Irrigation /Air Injection

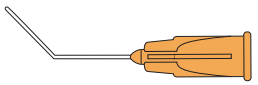
For maintaining and forming the anterior chamber by injecting or removing air, fluids, viscoelastics and intraocular medications. Also used to keep the cornea moist. Cannula tip is specially rounded, extra smooth for safe insertion through wound and manipulation in the anterior chamber.

Viscoelastic

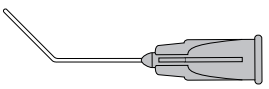
For injecting viscoelastic to all meridians of the anterior chamber and to coat intraocular lens.



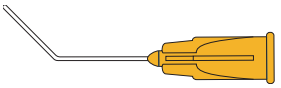
2121 **Viscoelastic Cannula**
21G x 7/8 in (.80 x 22mm)
Angled 8mm from end



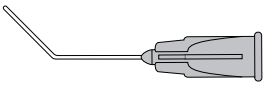
2125 **Viscoelastic Cannula**
25G x 7/8 in (.50 x 22mm)
Angled 8mm from end



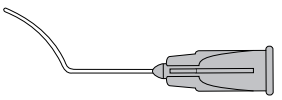
2227 **Viscoelastic Cannula**
27G x 7/8 in (.40 x 22mm)
Angled 9mm from end



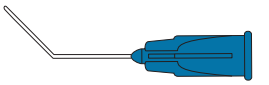
2325 **Viscoelastic Cannula**
25G x 7/8 in (.50 x 22mm)
Angled 10mm from end



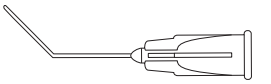
2327 **Viscoelastic Cannula**
27G x 7/8 in (.40 x 22mm)
Angled 10mm from end



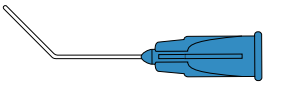
2427 **Viscoelastic Cannula**
27G x 7/8 in (.40 x 22mm)
Formed 11mm from end



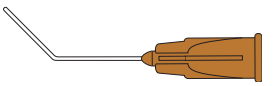
2123 **Viscoelastic Cannula**
23G x 7/8 in (.60 x 22mm)
Angled 8mm from end



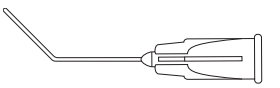
2130 **Viscoelastic Cannula**
30G x 7/8 in (.30 x 22mm)
Angled 8mm from end



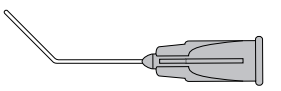
2323 **Viscoelastic Cannula**
23G x 7/8 in (.60 x 22mm)
Angled 10mm from end



2326 **Viscoelastic Cannula**
26G x 7/8 in (.45 x 22mm)
Angled 10mm from end



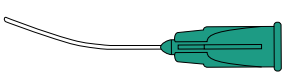
2330 **Viscoelastic Cannula**
30G x 7/8 in (.30 x 22mm)
Angled 10mm from end



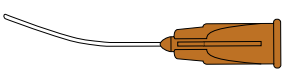
2927 **Viscoelastic Cannula**
27G x 7/8 in (.40 x 22mm)
Angled 8mm from end

Lacrimal

For probing and irrigating lacrimal ducts.



7021 **Lacrimal Cannula**
21G x 1 1/4 in (.80 x 32mm)



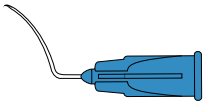
7026 **Lacrimal Cannula**
26G x 1 1/4 in (.45 x 32mm)

Capsulotomy

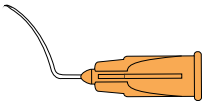
Sharp tip cystotome for creating an opening into the anterior capsule, nucleus dislocating or other intraocular applications. Each cystotome is packaged to ensure product quality and provide aseptic transfer.

Formed Cystotomes

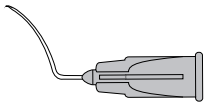
Conforms to the convexity of the lens providing easier access to anterior capsule. Reduces potential of corneal touch.



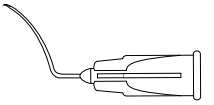
3023 Irrigating Cystotome
23G x 5/8 in (.60 x 16mm)



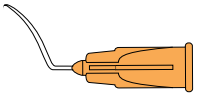
3025 Irrigating Cystotome - Pearce
25G x 5/8 in (.50 x 16mm)



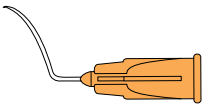
3027 Irrigating Cystotome
27G x 5/8 in (.40 x 16mm)



3030 Irrigating Cystotome
30G x 5/8 in (.30 x 16mm)



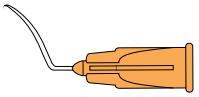
3725 Side Cutting Cystotome
25G x 5/8 in (.50 x 16mm)



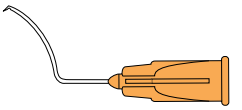
3925 Irrigating Cystotome
25G x 5/8 in (.50 x 16mm) 45° Angled tip

Reverse Tip Cystotomes

Tip is bent towards port for downward irrigation.



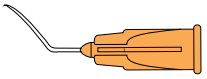
3125 Irrigating Cystotome - Reverse
25G x 5/8 in (.50 x 16mm)



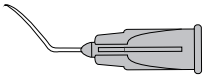
3425 Blunt Tip Cystotome - Reverse
25G x 7/8 in (.50 x 22mm)

Short Curve Cystotomes

For capsulotomy on deep-set eyes or small pupils.



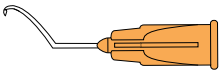
3225 Irrigating Cystotome
25G x 5/8 in (.50 x 16mm)



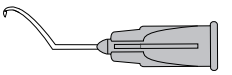
3227 Irrigating Cystotome
27G x 5/8 in (.40 x 16mm)

Capsulorhexis Cystotomes

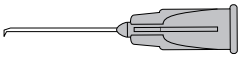
Special tip allows control of flap during continuous curvilinear capsulotomies.



3325 Capsulorhexis Cystotome
25G x 5/8 in (.50 x 16mm)



3327 Capsulorhexis Cystotome
27G x 5/8 in (.40 x 16mm)

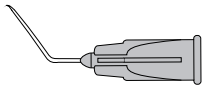


3627 Capsulorhexis Cystotome - Straight
27G x 5/8 in (.40 x 16mm)

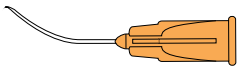
Capsulotomy

Sharp tip cystotome for creating an opening into the anterior capsule, nucleus dislocating or other intraocular applications. Each cystotome is packaged to ensure product quality and provide aseptic transfer.

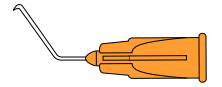
Angled and Curved Cystotomes



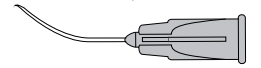
3427 **Angled Cystotome**
27G x 5/8 in (.40 x 16mm)



3825 **Endocapsular Cystotome**
25G x 5/8 in (.50 x 16mm)

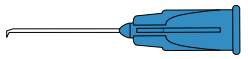


3625 **Angled Cystotome**
25G x 5/8 in (.50 x 16mm)

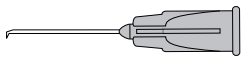


3827 **Endocapsular Cystotome**
27G x 5/8 in (.40 x 16mm)

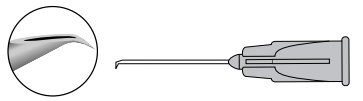
Straight Cystotomes



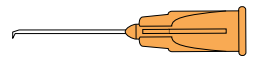
3523 **Irrigating Cystotome**
23G x 5/8 in (.60 x 16mm)



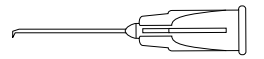
3527 **Irrigating Cystotome**
27G x 5/8 in (.40 x 16mm)



3927 **Irrigating Cystotome**
27G x 5/8 in (.40 x 16mm) 45° tip



3525 **Irrigating Cystotome**
25G x 5/8 in (.50 x 16mm)



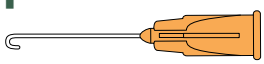
3530 **Irrigating Cystotome**
30G x 5/8 in (.30 x 16mm)

Hydrodissection

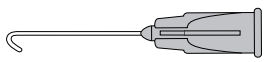
For separating the nucleus from the capsule and cortical attachments.
Also for separating and softening layers of nucleus prior to phacoemulsification.

J Shaped

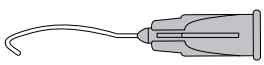
For sub-incisional hydrodissection.



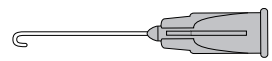
4325 **J Hydrodissector**
25G x 7/8 in (.50 x 22mm)
Hook 3mm long x 1.9mm wide



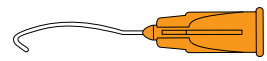
4527 **J Hydrodissector**
27G x 7/8 in (.40 x 22mm)
Hook 2.15mm long, angled 45°



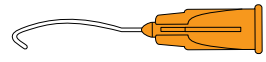
4627 **HydroExpression Cannula - Corydon**
27G x 7/8 in (.40 x 22mm)
Hook 2.15mm long, angled 45°



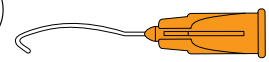
4327 **J Hydrodissector**
27G x 7/8 in (.40 x 22mm)
Hook 2.5mm long x 1.75mm wide



4625 **HydroExpression Cannula - Corydon**
25G x 7/8 in (.50 x 22mm)
Hook 2.15mm long, angled 50°



4825 **HydroExpression Cannula - Corydon**
25G x 7/8 in (.50 x 22mm) Flat tip
Hook 2.7mm long, angled 55°



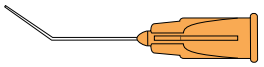
5325 **J Hydrodissector**
25G x 7/8 in (.50 x 22mm)
Hook 1.75mm long, angled 45°

Hydrodissection

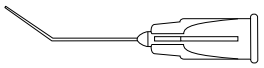
For separating the nucleus from the capsule and cortical attachments.
Also for separating and softening layers of nucleus prior to phacoemulsification.

Flat End

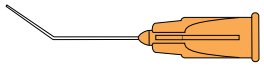
Flattened for easy placement under anterior capsule and provides a fan-like distribution of fluid for more effective dissection.



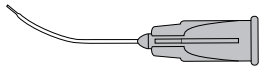
4025 Hydrodissector - Pearce
25G x 7/8 in (.50 x 22mm)
Angled 8mm from end



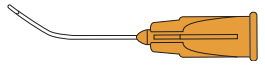
4030 Hydrodissector
30G x 7/8 in (.30 x 22mm)
Angled 10mm from end



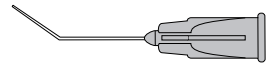
4925 Hydrodissector
25G x 7/8 in (.50 x 22mm)
Angled 7mm from end



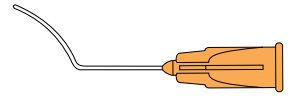
4127 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Flattened on horizontal plane



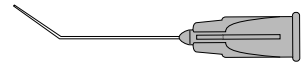
4225 Hydrodissector
25G x 7/8 in (.50 x 22mm)
Flattened on vertical plane



4027 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Angled 10mm from end

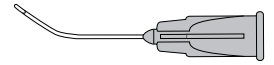


4125 Hydrodissector - Daya
25G x 7/8 in (.50 x 22mm) Formed 11mm and flattened from bend to end



4927 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Angled 8mm from end

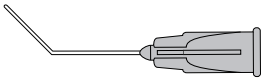
5027 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Flat tip angled 90°



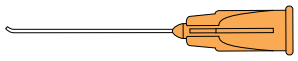
4227 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Flattened on vertical plane

Round End

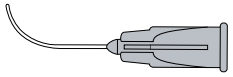
Cannula tip is specially rounded, extra smooth for safe insertion through wound and manipulation in the anterior chamber.



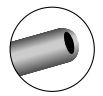
4427 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Angled 10mm from end

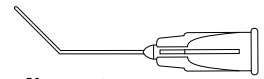


4725 Hydrodissector
25G x 7/8 in (.50 x 22mm)
Angled 1mm from end

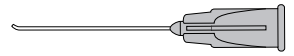


4827 Hydrodissector - Frankfurt Model
27G x 7/8 in (.40 x 22mm)

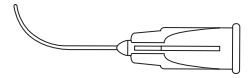




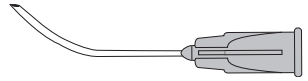
4430 Hydrodissector
30G x 7/8 in (.30 x 22mm)
Angled 12mm from end



4727 Hydrodissector
27G x 7/8 in (.40 x 22mm)
Angled 1mm from end



4830 Hydrodissector - Tubingen
30G x 7/8 in (.30 x 22mm)



5127 Hydrodissector
27G x 7/8 in (.40 x 22mm)

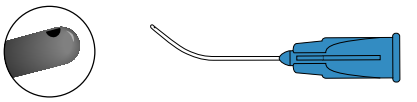
Cortex Removal

For removing cortical debris and/or viscoelastic substances.

Bimanual I and A

Insert through two side port incisions or side port and phacoemulsification incisions.

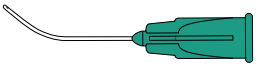
5121 Bimanual Irrigation Cannula
21G x 7/8 in (.80 x 22mm)
.51mm open end irrigation port



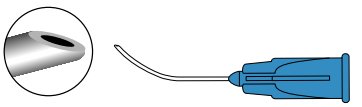
5123 Bimanual Aspiration Cannula
23G x 7/8 in (.60 x 22mm) .4mm top port. Micro etched 2mm from end for capsule polishing

Cortex Extractors

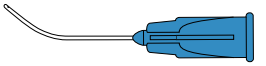
For aspirating when chamber is maintained with a viscoelastic, anterior chamber maintainer or other independent source.



5021 Cortex Extractor
21G x 7/8 in (.80 x 22mm)
.4mm top port



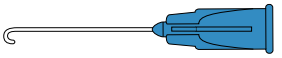
5323 Cortex Extractor - Charleux
23G x 5/8 in (.60 x 16mm)



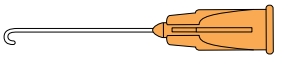
5023 Cortex Extractor
23G x 7/8 in (.60 x 22mm)
.4mm top port

J Shaped

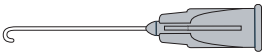
Useful for retracting iris and aspirating residual sub-incisional cortex.



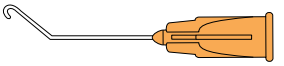
5223 J Cannula
23G x 7/8 in (.60 x 22mm)
.33mm end port
Hook 2mm long x 2.25mm wide



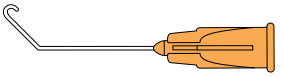
5225 J Cannula
25G x 7/8 in (.50 x 22mm) .25mm end port
Hook 2mm long x 1.75mm wide.
Ideal for small incision surgery



5227 J Cannula
27G x 7/8 in (.40 x 22mm)
.20mm end port
Hook 2mm long x 1.75mm wide
Ideal for small incision surgery



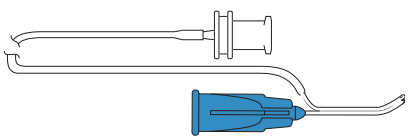
5425 J Cannula - Angled
25G x 7/8 in (.50 x 22mm)
.25mm end port
Angled 45°, 10mm from end
Hook 2mm long x 1.75mm wide



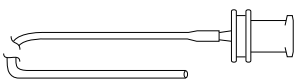
5425R J Cortex Extractor - Angled Right
25G x 7/8 in (.50 x 22mm) .25mm end port; Angled 45°, 5mm from end.
J shaped angled right. Hook 1.5mm long x 1.75mm wide

Simcoe I and A

Irrigation is provided through cannula with open end port. Aspiration is provided through 10 inch (25cm) flexible tubing attached to cannula with .4mm top aspiration port.



5623 I and A Cannula - Simcoe
23G/23G (.60/.60mm)



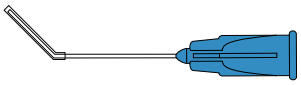
5524 Replacement Tubing
10 in (25cm) ID - 1mm; OD - 2mm
Non-sterile

Capsule Polishing

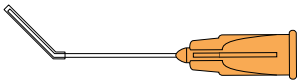
For polishing and cleaning residual cortex from the capsular bag in preparation for insertion of the intraocular lens.

Soft Tip

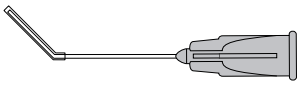
Soft tip for gentle polishing and provides atraumatic insertion and removal.



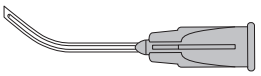
6023 Soft Tip Cannula
23G x 7/8 in (.60 x 22mm)
Angled 8mm from end
10mm sleeve



6025 Soft Tip Cannula
25G x 7/8 in (.50 x 22mm)
Angled 8mm from end
10mm sleeve



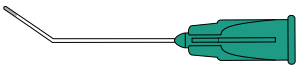
6027 Soft Tip Cannula
27G x 7/8 in (.40 x 22mm)
Angled 8mm from end
10mm sleeve



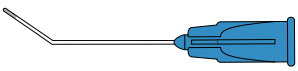
6427 Posterior Capsule Polisher - Engels
27G x 7/8 in (.40 x 22mm)
Curved, 23mm sleeve
Beveled down for polishing posterior capsule

Micro Etched

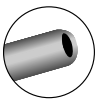
Slightly roughened for gentle capsule polishing.



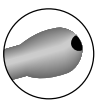
6121 Capsule Polisher – Kratz
21G x 7/8 in (.80 x 22mm) .4mm top port
Angled, 9mm from end; micro etched 3mm from end

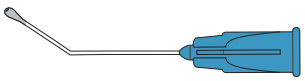


6123 Capsule Polisher – Kratz
23G x 7/8 in (.60 x 22mm) .4mm top port
Angled, 9mm from end; micro etched 3mm from end

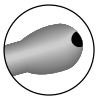


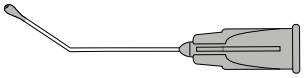
6221 Capsule Polisher
21G x 7/8 in (.80 x 22mm) Angled, 4mm from end; micro etched 5mm from end





6423 Olive Tip Polisher
23G x 7/8 in (.60 x 22mm)
Angled, 10mm from end; micro etched olive shape tip is 1mm wide x 2mm long





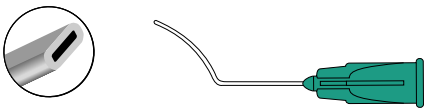
6527 Olive Tip Capsule Polisher
27G x 7/8 in (.40 x 22mm) Curved; micro etched olive shape tip is 1mm wide x 2mm long

Refractive

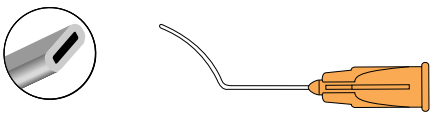
Unique products designed for LASIK surgery and other types of refractive surgery.

LASIK Irrigators

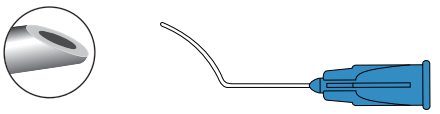
Designed to irrigate the corneal interface and/or stromal bed. Flattened tip provides easy insertion under the flap and helps elevate the flap edge. Multiple ports provide multi-directional irrigation.



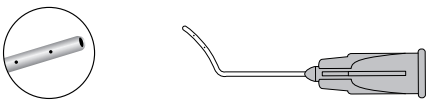
7121 LASIK Cannula - Daya
21G x 7/8 in (.80 x 22mm)
Formed 11mm and flattened from bend to end



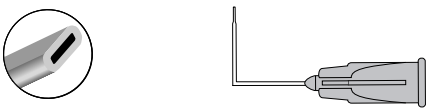
7125 LASIK Irrigator - Rosen
25G x 7/8 in (.50 x 22mm)
Formed 9mm and flattened at tip



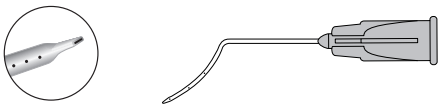
7223 LASIK Spatula/Irrigator
23G x 7/8 in (.60 x 22mm)
Formed 9mm from end



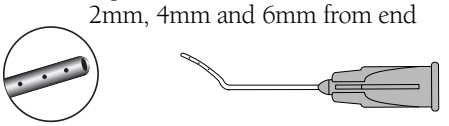
7227 LASIK Irrigator - 4 Ports
27G x 7/8 in (.40 x 22mm)
Formed 9mm from end
Two .15mm ports 2mm and 4mm from end



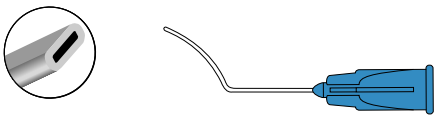
7327 LASIK Irrigator - Probst
27G x 7/8 in (.40 x 22mm) Angled 90°, 7mm from end. Smooth tip, flattened 2mm from end, 90° bend allows surgeon to maintain the comfortable superior position while replacing flap



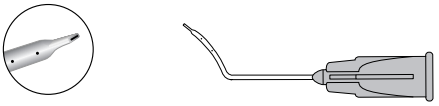
7527 LASIK Irrigator - Assis - 3 Ports
27G x 7/8 in (.40 x 22mm) Formed 9mm from end
Tip flattened 1.5mm from end One .15mm port 2mm, 4mm and 6mm from end



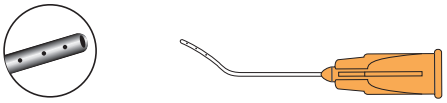
7727 LASIK Irrigator - 6 Ports
27G x 7/8 in (.40 x 22mm)
Formed 9mm from end. Two .15mm ports 2mm, 4mm and 6mm from end



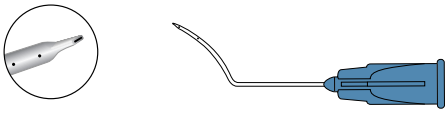
7123 LASIK Cannula - Daya
23G x 7/8 in (.60 x 22mm)
Formed 11mm and flattened from bend to end



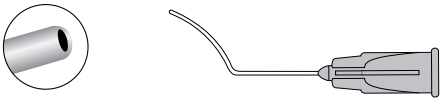
7127 LASIK Irrigator - 4 Ports
27G x 7/8 in (.40 x 22mm) Formed 9mm from end, tip flattened 1.5mm from end
Two .15mm ports 2mm and 4mm from end



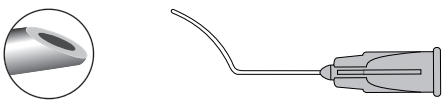
7225 LASIK Irrigator - 6 Ports
25G x 7/8 in (.50 x 22mm) Formed 7mm from end
Two .15mm ports 2mm, 4mm and 6mm from end



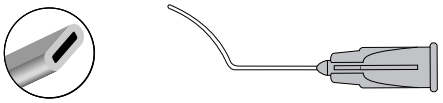
7323 LASIK Irrigator - 4 Ports
23G x 7/8 in (.60 x 22mm)
Formed 11mm from end. Two .2mm ports 2mm and 4mm from end. Flattened tip



7427 LASIK Irrigator - Formed
27G x 7/8 in (.40 x 22mm)
Formed 11mm from end



7627 LASIK Spatula/Irrigator
27G x 7/8 in (.40 x 22mm)
Formed 9mm from end



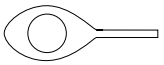
7827 LASIK Irrigator - Formed
27G x 7/8 in (.40 x 22mm)
Formed 11mm from end and flattened at tip

Refractive

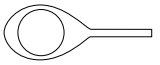
Unique products designed for LASIK surgery and other types of refractive surgery.

Lasik Drains

Drains fluid from the orbit and minimizes fluid buildup in corneal bed. Lint-free PVA, soft when moistened.



7301 LASIK Drain - Chayet
10mm opening.

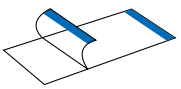


7311 LASIK Drain - Chayet
12mm opening

Lasik Shields, Spears and Sponges

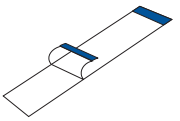
7302 LASIK Shield
Lint free PVA, 8mm diameter with flat edge. Protects and moistens corneal flap

7306 LASIK Spear
Lint free PVA, Useful for tissue manipulation and fluid absorption to facilitate flap alignment and adhesion



7309 LASIK Incise Film
Overall: 4 x 5 in (10 x 12.5cm)
Adhesive: 4 x 3 ½ in (10 x 8.75cm)
Mini size perfect for LASIK and other refractive or minor office procedures
Covers lashes, lids and brow

7305 LASIK Sponge - Probst
2 x 4mm, Lint free PVA
These convenient small sponges can be used dry or soaked in a vasoconstricting eyedrop to tamponade peripheral neovascular bleeding during LASIK



7318 LASIK Incise Tape
Overall: 1 x 9 in (2.5 x 22.8cm)
Adhesive: 1 x 7 ¼ in (2.5 x 18.4cm)
Mini size perfect for LASIK and other refractive or minor office procedures
Covers lashes, lids and brow

Pre-Inked Pads and Pens

Used to coat corneal markers to imprint pattern on the cornea and remains for duration of surgery.

7303 Marker Pad - Gentian Violet
Made from lint-free, thick, soft material
Minimizes risk of damaging delicate instruments

7304 Marker Pad - Methylene Blue
Made from lint-free, thick, soft material
Minimizes risk of damaging delicate instruments

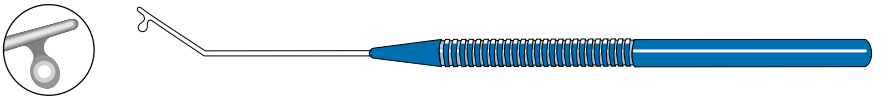
7319 Dual Tip Marker Pen- Gentian Violet
7320 Dual Tip Marker Pen- Methylene Blue
Two unique tips in one pen! Specially designed to ink corneal instruments or mark skin
Chisel Tip - Broad area to mark delicate instruments A Fine area for precise lines
Fine Tip - For precise lines or to make "pin-point" marks
Super Moist- Will not dry out during procedure

IOL and Nucleus Manipulation

IOL manipulator for positioning intraocular lenses. Nucleus choppers used during phacoemulsification.

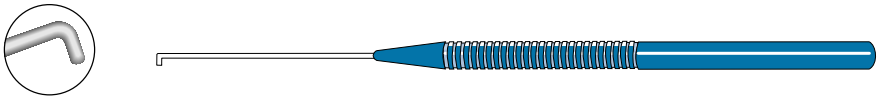
IOL Manipulators

Blunt tips avoid damage to intraocular lenses.



6801 IOL Manipulator - Lester
.25mm diameter tip
Angled, 10mm from tip

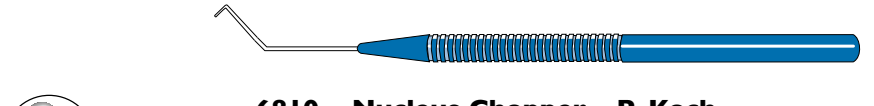
6802 IOL Manipulator - Sinskey
Angled, 15mm from tip
For .20mm diameter holes and larger



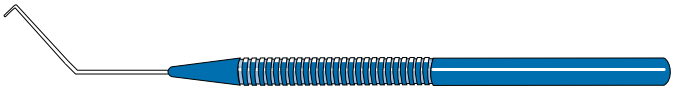
6804 IOL Manipulator - Sinskey
For .20mm diameter holes and larger

Nucleus Choppers

Used to break-up the nucleus within the capsular bag during two-handed phaco techniques.



6810 Nucleus Chopper - P. Koch
Blunt, round tip
Angled, 6mm from tip
Tip angled 90º, 1.5mm from end



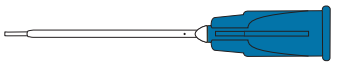
6811 Nucleus Chopper - Beckingsale
Blunt, round tip
Angled, 11mm from tip
Tip angled 90º, 1.5mm from end

Vitreoretinal

Products designed specifically for posterior segment surgical procedures.

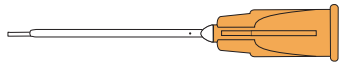
Dual Bore

Simultaneous infusion of liquids through center lumen and aspiration of fluid through a vent hole in the other lumen.



7528 **Dual Bore Cannula**
23G (.60mm)

7529 **Dual Bore Cannula**
20G (.90mm)



7530 **Dual Bore Cannula**
25G (.50mm)

Subretinal Fluid

Soft flexible tips allow atraumatic entry through existing tears or holes for aspiration of subretinal fluid. Soft flexible brush tips enable gentle brushing or manipulation of the retina.

7520 **Vitreoretinal Brush**
20G (.90mm) 3mm tip extension

7523 **Vitreoretinal Brush**
23G (.60mm) 3mm tip extension

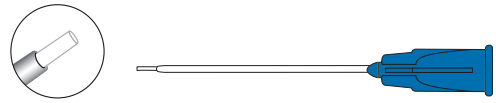
7721 **Subretinal Fluid Cannula**
20G (.90mm) 6mm tip extension.
Overall length with tubing 34mm

7723 **Subretinal Fluid Cannula**
23G (.60mm) 1.5mm tip extension
Overall length with tubing 32mm

7725 **Subretinal Fluid Cannula**
25G (.50mm) 1.5mm tip extension
Overall length with tubing 32mm

7821 **Subretinal Fluid Cannula**
20G (.90mm) 3mm tip extension.
Overall length with tubing 31mm

7822 **Subretinal Fluid Cannula**
20G (.90mm) 1.5mm tip extension
Overall length with tubing 30mm



7823 **Subretinal Fluid Cannula**
23G (.60mm) 3mm tip extension
Overall length with tubing 34mm

7825 **Subretinal Fluid Cannula**
25G (.50mm) 3mm tip extension
Overall length with tubing 34mm

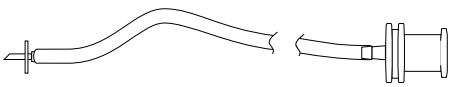
7526 **Vitreoretinal Cannula**
23G (.60mm) with 39G (.09mm)
5mm Polymide tip extension

Vitreoretinal

Products designed specifically for posterior segment surgical procedures.

Infusion

Facilitates posterior segment infusion.



Flexible Tubing: 10 in (25cm)

7501 **Infusion Cannula 2.5mm**
20G (.90mm)

7502 **Infusion Cannula 4mm**
20G (.90mm)

7503 **Infusion Cannula 6mm**
20G (.90mm)

7524 **Infusion Cannula 4mm**
23G (.60mm)

7525 **Infusion Cannula 6mm**
23G (.60mm)

High Viscosity

Designed for injection of silicone oil and other viscous fluids. Special high pressure tubing is attached to thinwall cannula. May also be used as standard infusion cannulas.

7504 **Viscous Infusion Cannula 4mm**
20G (.90mm); Tubing: 4 in (10cm)

7505 **Viscous Infusion Cannula 6mm**
20G (.90mm); Tubing: 4 in (10cm)

7506 **Viscous Infusion Cannula 4mm**
20G (.90mm); Tubing: 6 in (16cm)

7507 **Viscous Infusion Cannula 6mm**
20G (.90mm); Tubing: 6 in (16cm)

Vitreoretinal

Products designed specifically for posterior segment surgical procedures.

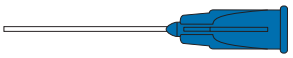
Micropicks

Sharp tip for lifting or removing premacular, epiretinal, and other vitreoretinal membranes.

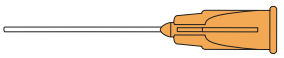
7623 Vitreoretinal Micropick
23G (.60mm) sharp, angled tip

Cannulas

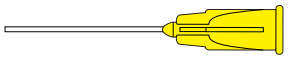
Blunt tip cannulas for general injection or aspiration.



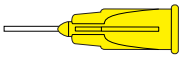
7423 Vitreoretinal Cannula
23G x 1 1/8 in (.60 x 28mm)



7425 Vitreoretinal Cannula
25G x 1 1/8 in (.50 x 28mm)

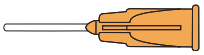


7620 Vitreoretinal Cannula
20G x 1 1/8 in (.90 x 28mm)



7920 Silicone Oil Cannula
20G x 5/16 in (.90 x 8mm)

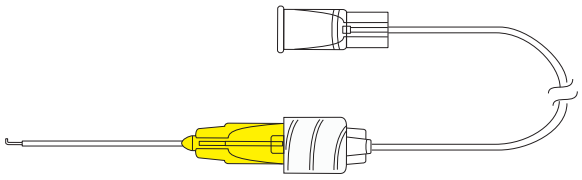
7923 Silicone Oil Cannula
23G x 5/16 in (.60 x 8mm)



7925 Silicone Oil Cannula
25G x 5/16 in (.50 x 8mm)

Viscodissectors

For dissection of vitreoretinal membranes using viscoelastic fluid.
Tubing is 8 in (20cm) long; ID - .02 in (.50mm); OD - .06 in (1.5mm) and capable of withstanding injections of viscoelastic fluids.



7517 Vitreoretinal Viscodissector 90°
20G (.90mm) cannula with 30G (.30mm) tip, flattened
Angled 90°, 1mm from end

7518 Vitreoretinal Viscodissector 70°
20G (.90mm) cannula with 30G (.30mm) tip, flattened
Angled 70°, 1mm from end

7519 Vitreoretinal Viscodissector 45°
20G (.90mm) cannula with 30G (.30mm) tip, flattened
Angled 45°, 1mm from end

Microsurgical Accesories

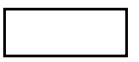
A variety of products to complement ophthalmic microsurgery and minor office procedures.

Fluid Absorption and Administration

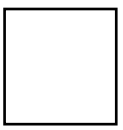
9001 Eye Spear
Fast wicking action for quick absorption

9003 Absorbent Stick - Sterile
2 5/8 in (6.6cm) overall length 3/16 in (5mm) diameter, 45° angled ends. Soft, non-woven material is rigid enough to withstand gentle pressure. Both ends may be used for absorption

9004 Absorbent Stick - Non-Sterile
2 5/8 in (6.6cm) overall length 3/16 in (5mm) diameter, 45° angled ends. Soft, non-woven material is rigid enough to withstand gentle pressure. Both ends may be used for absorption

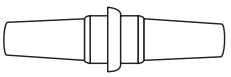


9006 Surgical Sponge - Gills
2 x 8mm - Lint free PVA, useful for applying or removing fluid in a precise location

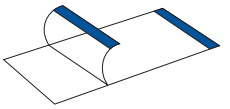


9101 Instrument Wipe
3 x 3 in (7.5 x 7.5cm) Lint free PVA for cleaning delicate instruments. Soft when moistened and will not drag on blades or tips

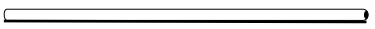
9301 .20 Micron Filter
Filters out particles and microbiological contamination .22 micron and larger. Male/female luer lock fittings



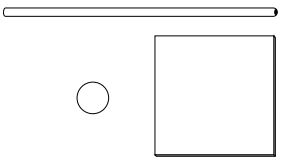
9303 Male to Male Connector
Overall length 29mm
Luer slip fittings connect instrument to tubing
Especially useful for bimanual I and A to connect cannula to I/A tubing



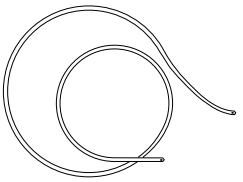
9701 Incise Film
Overall size: 5 x 9 in (12.7 x 22.8cm)
Adhesive area: 5 x 7 1/4 in (12.7 x 18.4cm)
Small incise covers lashes, lids and brow



9802 Eye Fluid Wick
Highly absorbent lint free PVA wick
Removes fluid and directs it away from surgical area



9803 Surgical Absorbent Kit
1 - 9101 Instrument Wipe
1 - 9202 Corneal Light Shield
1 - 9802 Eye Fluid Wick
Popular microsurgical accessories combined into one package for convenience and cost savings



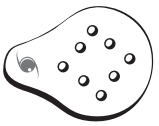
7002 Silicone Tubing
Length: 14 in (35cm)
ID: .012 in (.30mm)
OD: .025 in (.60mm)

Microsurgical Accessories

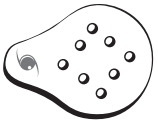
A variety of products to complement ophthalmic microsurgery and minor office procedures.

Eye Protection

Protects the eye during or after surgery or trauma.



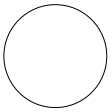
9401 **Clear Eye Shield** - Non-sterile
Smooth edges need no protective cover. Universal for left or right eye



9402 **Clear Eye Shield** - Sterile
Smooth edges need no protective cover. Universal for left or right eye

9202 **Corneal Light Shield**
8mm diameter -Lint free PVA
Keeps cornea moist. Protects retina from operating microscope light rays

9203 **Corneal Light Shield**
6mm diameter - Lint free PVA
Keeps cornea moist. Protects retina from operating microscope light rays



9205 **Corneal Light Shield**
10mm diameter - Lint free PVA
Keeps cornea moist. Protects retina from operating microscope light rays

Surgical Glides

Useful for placement of intraocular lenses into the posterior chamber. Also protects iris from prolapse or trauma during microsurgical procedures.

9201 **Surgical Glide**
25mm long x 3mm wide
1.5mm radius; 6 mil thick

9204 **IOL Glide - Sheets**
35mm long x 5mm wide
2.5mm radius; 6 mil thick

Product Index

PRODUCT NUMBER	DESCRIPTION	PACKAGE QUANTITY	PAGE
1023	Anesthesia Needle - Atkinson 23G x 1 1/4 in (.60 x 32mm)	10	3
1025	Anesthesia Needle - Atkinson 25G x 1 1/4 in (.50 x 32mm)	10	3
1027	Anesthesia Needle - Atkinson 27G x 1 1/4 in (.40 x 32mm)	10	3
1123	Retrobulbar Needle - Atkinson 23G x 1 1/2 in (.60 x 38mm)	10	3
1125	Retrobulbar Needle - Atkinson 25G x 1 1/2 in (.50 x 38mm)	10	3
1127	Retrobulbar Needle – Atkinson 27G x 1 1/2 in (.40 x 38mm)	10	3
1225	Retrobulbar Needle - Sharp tip 25G x 1 1/2 in (.50 x 38mm)	10	3
1230	Facial Infiltration Needle – Sharp tip 30G x 5/8 in (.30 x 16mm)	10	3
1320	Sub-Tenon's Anesthesia Cannula 20G x 1 in (.90 x 25mm)	10	3
1327	Sub-Tenon's Anesthesia Cannula 27G x 7/8 in (.40 x 22mm)	10	3
1330	Sub-Tenon's Anesthesia Cannula 30G x 7/8 in (.30 x 22mm)	10	3
1425	Peribulbar Needle - Atkinson 25G X 7/8 in (.50 x 22mm)	10	3
1427	Peribulbar Needle - Atkinson 27G X 7/8 in (.40 x 22mm)	10	3
1525	Scleral Track Needle 25G X 5/8 in (.50 x 16mm)	10	3
2021	Irrigating Cannula - Rycroft, Angled 4mm 21G (.80mm)	10	4
2023	Irrigating Cannula - Rycroft, Angled 4mm 23G (.60mm)	10	4
2025	Irrigating Cannula - Rycroft, Angled 4mm 25G (.50mm)	10	4
2027	Irrigating Cannula - Rycroft, Angled 4mm 27G (.40mm)	10	4
2030	Irrigating Cannula - Rycroft, Angled 4mm 30G (.30mm)	10	4
2121	Viscoelastic Cannula – Angled 8mm 21G (.80mm)	10	5
2123	Viscoelastic Cannula – Angled 8mm 23G (.60mm)	10	5
2125	Viscoelastic Cannula – Angled 8mm 25G (.50mm)	10	5
2127	Irrigating Cannula - Straight 27G (.40mm)	10	4
2130	Viscoelastic Cannula - Angled 8mm 30G (.30mm)	10	5
2219	Irrigating Cannula – Bishop Harmon 19G (1.10mm)	10	4
2220	Irrigating Cannula - Curved 20G (.90mm)	10	4
2227	Viscoelastic Cannula - Angled 9mm 27G (.40mm)	10	5
2323	Viscoelastic Cannula - Angled 10mm 23G (.60mm)	10	5
2325	Viscoelastic Cannula - Angled 10mm 25G (.50mm)	10	5
2326	Viscoelastic Cannula - Angled 10mm 26G (.45mm)	10	5
2327	Viscoelastic Cannula - Angled 10mm 27G (.40mm)	10	5
2330	Viscoelastic Cannula - Angled 10mm 30G (.30mm)	10	5
2427	Viscoelastic Cannula - Formed 27G (.40mm)	10	5
2520	Anterior Chamber Maintainer 20G (.90mm)	5	4
2523	Anterior Chamber Maintainer 23G (.60mm)	5	4
2527	Irrigating Cannula – Angled 7mm 27G (.40mm)	10	4
2623	Olive Tip Cannula 23G (.60mm)	10	4
2627	Olive Tip Cannula 27G (.40mm)	10	4
2727	Irrigating Cannula – Angled 5mm 27G (.40mm)	10	4
2730	Irrigating Cannula – Angled 5mm 30G (.30mm)	10	4
2827	Irrigating Cannula – Angled 6mm 27G (.40mm)	10	4
2927	Viscoelastic Cannula – Angled 8mm 27G (.40mm)	10	5
3023	Irrigating Cystotome - Formed 23G (.60mm)	10	6
3025	Irrigating Cystotome - Pearce, Formed 25G (.50mm)	10	6
3027	Irrigating Cystotome - Formed 27G (.40mm)	10	6
3030	Irrigating Cystotome - Formed 30G (.30mm)	10	6
3125	Irrigating Cystotome - Reverse 25G (.50mm)	10	6
3225	Irrigating Cystotome - Short Curve 25G (.50mm)	10	6
3227	Irrigating Cystotome - Short Curve 27G (.40mm)	10	6
3325	Capsulorhexis Cystotome - Formed 25G (.50mm)	10	6
3327	Capsulorhexis Cystotome - Formed 27G (.40mm)	10	6
3425	Blunt Tip Cystotome - Reverse Formed 25G (.50mm)	10	6
3427	Angled Cystotome 27G (.40mm)	10	7
3523	Irrigating Cystotome - Straight 23G (.60mm)	10	7
3525	Irrigating Cystotome - Straight 25G (.50mm)	10	7
3527	Irrigating Cystotome - Straight 27G (.40mm)	10	7
3530	Irrigating Cystotome - Straight 30G (.30mm)	10	7
3625	Angled Cystotome 25G (.50mm)	10	7
3627	Capsulorhexis Cystotome - Straight 27G (.40mm)	10	6
3725	Side Cutting Cystotome - Formed 25G (.50mm)	10	6
3825	Endocapsular Cystotome 25G (.50mm)	10	7
3827	Endocapsular Cystotome 27G (.40mm)	10	7
3925	Irrigating Cystotome - Formed 25G (.50mm) 45° Tip	10	6
3927	Irrigating Cystotome - Formed 27G (.40mm) 45° Tip	10	7
4025	Hydrodissector - Pearce, Flattened, Angled 8mm 25G (.50mm)	10	8
4027	Hydrodissector - Flattened, Angled 10mm 27G (.40mm)	10	8
4030	Hydrodissector - Flattened, Angled 10mm 30G (.30mm)	10	8
4125	Hydrodissector - Daya, Flattened 25G (.50mm)	10	8

Continued

Product Index

PRODUCT NUMBER	DESCRIPTION	PACKAGE QUANTITY	PAGE
4127	Hydrodissector - Flattened Horizontal 27G (.40mm)	10	8
4225	Hydrodissector - Flattened Vertical 25G (.50mm)	10	8
4227	Hydrodissector - Flattened Vertical 27G (.40mm)	10	8
4325	J Hydrodissector - Flattened 25G (.50mm)	10	7
4327	J Hydrodissector - Flattened 27G (.40mm)	10	7
4427	Hydrodissector - Round end, Angled 10mm 27G (.40mm)	10	8
4430	Hydrodissector - Round end, Angled 12mm 30G (.30mm)	10	8
4527	J Hydrodissector - 27G (.40mm)	10	7
4625	HydroExpression Cannula - Corydon 25G (.50mm)	10	7
4627	HydroExpression Cannula - Corydon 27G (.40mm)	10	7
4725	Hydrodissector - Round end, 25G (.50mm), 1mm tip	10	8
4727	Hydrodissector - Round end, 27G (.40mm), 1mm tip	10	8
4825	HydroExpression Cannula - Corydon Flat Tip 25G (.50mm)	10	7
4827	Hydrodissector - Frankfurt Model 27G (.40mm)	10	8
4830	Hydrodissector - Tubingen 30G (.30mm)	10	8
4925	Hydrodissector – Flattened, Angled 7mm 25G (.50mm)	10	8
4927	Hydrodissector – Flattened, Angled 8mm 27G (.40mm)	10	8
5021	Cortex Extractor 21G (.80mm) .4mm top port	10	9
5023	Cortex Extractor 23G (.60mm) .4mm top port	10	9
5027	Hydrodissector – 27G (.40mm)	10	8
5121	Bimanual Irrigation Cannula 21G (.80mm) .51mm end port	10	9
5123	Bimanual Aspiration Cannula 23G (.60mm) .4mm top port	10	9
5127	Hydrodissector - 27G (.40mm)	10	8
5223	J Cannula 23G (.60mm)	10	9
5225	J Cannula 25G (.50mm)	10	9
5227	J Cannula 27G (.40mm)	10	9
5323	Cortex Extractor - Charleux 23G (.60mm)	10	9
5325	J Hydrodissector - 25G (.50mm)	10	7
5425	J Cannula - Angled 25G (.50mm)	10	9
5425R	J Cortex Extractor - Angled Right 25G (.50mm)	10	9
5524	Replacement Tubing - Non-Sterile	10	9
5623	I & A Cannula - Simcoe 23G/23G (.60/.60mm)	10	9
6023	Soft Tip Cannula 23G (.60mm)	10	10
6025	Soft Tip Cannula 25G (.50mm)	10	10
6027	Soft Tip Cannula 27G (.40mm)	10	10
6121	Capsule Polisher - Kratz 21G (.80mm) .4mm top port	10	10
6123	Capsule Polisher - Kratz 23G (.60mm) .4mm top port	10	10
6221	Capsule Polisher - Micro Etched 21G x 7/8 in (.80 x 22mm)	10	10
6423	Olive Tip Polisher 23G (.60mm)	10	10
6427	Posterior Capsule Polishier - Engels 27G (.40mm)	10	10
6527	Olive Tip Polisher 27G (.40mm)	10	10
6801	IOL Manipulator - Lester	5	13
6802	IOL Manipulator - Sinskey, Angled	5	13
6804	IOL Manipulator – Sinskey	5	13
6810	Nucleus Chopper - P. Koch	5	13
6811	Nucleus Chopper - Beckingsale	5	13
7002	Silicone Tubing	10	17
7021	Lacrimal Cannula 21G (.80mm)	10	5
7026	Lacrimal Cannula 26G (.45mm)	10	5
7121	LASIK Cannula - Daya 21G (.80mm)	10	11
7123	LASIK Cannula - Daya 23G (.60mm)	10	11
7125	LASIK Irrigator - Rosen 25G (.50mm)	10	11
7127	LASIK Irrigator - 4 Ports, Flattened Tip, 27G (.40mm)	10	11
7223	LASIK Spatula/Irrigator 23G (.60mm)	10	11
7225	LASIK Irrigator - 6 Ports 25G (.50mm)	10	11
7227	LASIK Irrigator - 4 Ports 27G (.40mm)	10	11
7301	LASIK Drain - Chayet, 10mm	20	12
7302	LASIK Shield	20	12
7303	Marker Pad - Gentian Violet	10	12
7304	Marker Pad - Methylene Blue	10	12
7305	LASIK Sponge - Probst 2 x 4mm	20 x 5	12
7306	LASIK Spear	15 x 5	12
7309	LASIK Incise Film	20	12
7311	LASIK Drain - Chayet, 12mm	20	12
7318	LASIK Incise Tape	20	12
7319	Marker Pen, Dual Tip - Gentian Violet	20	12
7320	Marker Pen, Dual Tip - Methylene Blue	20	12
7323	LASIK Irrigator – 4 Ports, Flattened Tip, 23G (.60mm)	10	11

Continued

Product Index

PRODUCT NUMBER	DESCRIPTION	PACKAGE QUANTITY	PAGE
7327	LASIK Flap Irrigator - Probst 27G (.40mm)	10	11
7423	Vitreoretinal Cannula 23G (.60mm)	10	16
7425	Vitreoretinal Cannula 25G (.50mm)	10	16
7427	LASIK Irrigator - Formed 27G (.40mm)	10	11
7501	Infusion Cannula 2.5mm, 20G (.90mm)	10	15
7502	Infusion Cannula 4mm, 20G (.90mm)	10	15
7503	Infusion Cannula 6mm, 20G (.90mm)	10	15
7504	Viscous Infusion Cannula 4mm, Tubing 4 in (10cm) long	10	15
7505	Viscous Infusion Cannula 6mm, Tubing 4 in (10cm) long	10	15
7506	Viscous Infusion Cannula 4mm, Tubing 6 in (16cm) long	10	15
7507	Viscous Infusion Cannula 6mm, Tubing 6 in (16cm) long`	10	15
7517	Vitreoretinal Viscodissector 90° bend, 30G (.30mm)	10	16
7518	Vitreoretinal Viscodissector 70° bend, 30G (.30mm)	10	16
7519	Vitreoretinal Viscodissector 45° bend, 30G (.30mm)	10	16
7520	Vitreoretinal Brush 20G (.90mm)	10	14
7523	Vitreoretinal Brush 23G (.60mm)	10	14
7524	Infusion Cannula 4mm, 23G (.60mm)	10	15
7525	Infusion Cannula 6mm, 23G (.60mm)	10	15
7526	Vitreoretinal Cannula - 23G (.60mm) 5mm Polymide Tip	5	14
7527	LASIK Irrigator - Assis, 3 Ports, Flattened Tip 27G (.40mm)	10	11
7528	Dual Bore Cannula 23G (.60mm)	5	14
7529	Dual Bore Cannula 20G (.90mm)	5	14
7530	Dual Bore Cannula 25G (.50mm)	5	14
7620	Vitreoretinal Cannula 20G (.90mm)	10	16
7623	Vitreoretinal Cannula 23G (.60mm)	10	16
7627	LASIK Spatula/Irrigator 27G (.40mm)	10	11
7721	Subretinal Fluid Cannula 20G (.90mm) - 6mm Tubing Extension	10	14
7723	Subretinal Fluid Cannula 23G (.60mm) - 1.5mm Tubing Extension	10	14
7725	Subretinal Fluid Cannula 25G (.50mm) – 1.5mm Tubing Extension	10	14
7727	LASIK Irrigator – 6 Ports 27G (.40mm)	10	11
7821	Subretinal Fluid Cannula - 3mm Tubing Extension	10	14
7822	Subretinal Fluid Cannula 20G (.90mm) - 1.5mm Tubing Extension	10	14
7823	Subretinal Fluid Cannula 23G (.60mm) - 3mm Tubing Extension	10	14
7825	Subretinal Fluid Cannula 25G (.50mm) – 3mm Tubing Extension	10	14
7827	LASIK Irrigator - Formed 27G (.40mm)	10	11
7920	Silicone Oil Cannula - 20G x 5/16 in (.90 x 8mm)	10	16
7923	Silicone Oil Cannula - 23G x 5/16 in (.60 x 8mm)	10	16
7925	Silicone Oil Cannula - 25G x 5/16 in (.50 x 8mm)	10	16
9001	Eye Spear	15 x 5	17
9003	Absorbent Stick - Sterile	20 x 5	17
9004	Absorbent Stick - Non-Sterile	250	17
9006	Surgical Sponge - Gills 2 x 8mm	20 x 15	17
9101	Instrument Wipe	20	17
9201	Surgical Glide	50	18
9202	Corneal Light Shield – 8mm	20	18
9203	Corneal Light Shield – 6mm	20	18
9204	IOL Glide - Sheets	50	18
9205	Corneal Light Shield – 10mm	20	18
9301	.20 Micron Filter	50	17
9303	Male to Male Connector	50	17
9401	Clear Eye Shield - Non-Sterile	50	18
9402	Clear Eye Shield - Sterile	50	18
9701	Incise Film	20	17
9802	Eye Fluid Wick	20	17
9803	Surgical Absorbent Kit	20	17