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

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

TITANIUM OPHTHALMIC PRODUCTS, STAINLESS STEEL PRICES:
Katalyst Surgical offers high quality titanium instruments for up to 1/2 the price of stainless steel.

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

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

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

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

PRODUCT EXCLUSIONS
Cannulas, diamond knives, gauges and markers, disposable products, punches, retractors, IOL injectors, jewelers forceps, lacrimal probes, MICS instruments, speculum, sterilization trays, vitreoretinal instruments, Gemcision and 6-S carbon fiber instruments.

COMMITTED TO OUR CUSTOMERS:
Your business is important to us. We would greatly appreciate your feedback on our ophthalmic surgical instruments and services. Please let us know how we can better serve our customers!
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<th>Category</th>
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<td>50</td>
<td>RETINAL IMPLANTS</td>
</tr>
</tbody>
</table>
The Holekamp Drip Droppers™ were designed to facilitate a controlled injection of fluids. The fluted bulb option provides backflush handpiece style passive aspiration with a tactile indicator over the flute hole. The Black Silicone™ tip allows for better visualization when compared to traditional silicone tips. The T-Tube™ (patent #9,775,943) improves the instrument’s ability to move soft tips through valved cannulas.

**Holekamp Drip Dropper™, Soft Tip** (5/box, sterile, disposable)
Atraumatic flexible silicone tip, with a T-Tube™ and Black Silicone™.

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<thead>
<tr>
<th>Non-Fluted</th>
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<tbody>
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<td>DV1200-25F 25ga</td>
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<tr>
<td>DV1200-27* 27ga</td>
<td>DV1200-27F* 27ga</td>
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</tbody>
</table>

**Holekamp Drip Dropper™, Diamond Dusted Soft Tip** (5/box, sterile, disposable)
This unique design combines the Drip Dropper™ with the popular ILM polisher, thus eliminating an instrument exchange, with a T-Tube™ and Black Silicone™.

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<tr>
<td>DV1214-20* 20ga</td>
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<td>DV1214-25 25ga</td>
<td>DV1214-25F 25ga</td>
</tr>
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<td>DV1214-27* 27ga</td>
<td>DV1214-27F* 27ga</td>
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</table>

**Holekamp Drip Dropper™, Blunt Tip** (5/box, sterile, disposable)
Standard blunt needle tip.

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<tbody>
<tr>
<td>DVC1700-20* 20ga</td>
<td>DVC1700-20F* 20ga</td>
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<td>DVC1700-23 23ga</td>
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<td>DVC1700-25 25ga</td>
<td>DVC1700-25F 25ga</td>
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<tr>
<td>DVC1700-27* 27ga</td>
<td>DVC1700-27F* 27ga</td>
</tr>
</tbody>
</table>
Infusion Cannulas

Korenfeld Sub-Tenon's Infusion Cannula (10/box, sterile, disposable)
19ga, blunt tip design facilitates tracking down surgical tunnel during sub-tenon's injection.
D1800-19 19ga
Disposable Cannulas

Disposable cannulas were designed to fit onto the titanium backflush handpiece. The Black Silicone™ tip allows for better visualization when compared to traditional silicone tips. The T-Tube™ (patent #9,775,943) improves the instrument’s ability to move soft tips through valved cannulas.

**Soft Tip Cannula** (5/box, sterile, disposable)
Atraumatic flexible silicone tip, with a T-Tube™ and Black Silicone™.
- DVC1300-20* 20ga
- DVC1300-23 23ga
- DVC1300-25 25ga
- DVC1300-27* 27ga

**Diamond Dusted Soft Tip Cannula** (5/box, sterile, disposable)
This unique design combines the Drip Dropper™ with the popular ILM polisher, thus eliminating an instrument exchange, with a T-Tube™ and Black Silicone™.
- DVC1314-20* 20ga
- DVC1314-23 23ga
- DVC1314-25 25ga
- DVC1314-27* 27ga

**Brush Tip Cannula** (5/box, sterile, disposable)
Atraumatic flexible silicone brush tip allows for gentle brushing to remove residuals and blood on the surface of the retina, with a T-Tube™ and Black Silicone™.
- DVC1325-20* 20ga
- DVC1325-23 23ga
- DVC1325-25 25ga
- DVC1325-27* 27ga

**Blunt Tip Cannula** (5/box, sterile, disposable)
Standard blunt needle tip.
- DVC1350-20* 20ga
- DVC1350-23 23ga
- DVC1350-25 25ga
- DVC1350-27* 27ga

*built to order
Disposable Cannulas

Subretinal Cannula (5/box, sterile, disposable)
Designed to drain or inject fluid subretinally.
DVC1510-20* 20ga/41ga
DVC1510-23 23ga/41ga
DVC1510-25 25ga/41ga
DVC1510-27* 27ga/41ga

Dual Bore Cannula (5/box, sterile, disposable)
Designed for simultaneous infusion of heavy liquids and aspiration of intraocular fluids, dual bore enables users to constantly control intraocular pressure during injection.
DVC1850-20* 20ga/41ga
DVC1850-23 23ga/41ga
DVC1850-25 25ga/41ga
DVC1850-27* 27ga/41ga
Disposable Backflush Handpiece *pending patents*

Disposable backflush handpieces offer passive and active aspiration. The Black Silicone™ tip allows for better visualization when compared to traditional silicone tips. The T-Tube™ (patent #9,775,943) improves the instrument’s ability to move soft tips through valved cannulas.

**Blunt Tip Backflush** (5/box, sterile, disposable)
Standard blunt needle tip.
- DVC1400-20* 20ga
- DVC1400-23 23ga
- DVC1400-25 25ga
- DVC1400-27* 27ga

**Soft Tip Backflush** (5/box, sterile, disposable)
Atraumatic flexible silicone tip, with a T-Tube™ and Black Silicone™.
- DVC1410-20* 20ga
- DVC1410-23 23ga
- DVC1410-25 25ga
- DVC1410-27* 27ga

**Brush Tip Backflush** (5/box, sterile, disposable)
Atraumatic flexible silicone brush tip allows for gentle brushing to remove residuals and blood on the surface of the retina, with a T-Tube™ and Black Silicone™.
- DVC1412-20* 20ga
- DVC1412-23 23ga
- DVC1412-25 25ga
- DVC1412-27* 27ga

**Diamond Dusted Soft Tip Backflush** (5/box, sterile, disposable)
This unique design combines the Drip Dropper™ with the popular ILM polisher, thus eliminating an instrument exchange, with a T-Tube™ and Black Silicone™.
- DVC1414-20* 20ga
- DVC1414-23 23ga
- DVC1414-25 25ga
- DVC1414-27* 27ga
Why DEX TIP$™?
- One-size-fits-all handles are reusable, reducing inventory needs in the OR
- Basket and slim metal handle styles available
- Both handles accommodate all tip styles and gauge sizes
- The tip is the only disposable part, greatly reducing costs
- Basket handle comes in an autoclavable tray
- No flushing required
- 100 gram grasping power
- Low pressure needed to actuate the handle
- Short stroke
- Tips color coded for easy gauge identification
- 360° rotation
- Forceps and scissor tips available
- Handles sold individually
- Tips are sold in boxes of 5
**DEX™ Disposable Forceps and Scissors** *patents pending*

**Why DEX™?**
- 40 years of design refinement behind this development
- Low pressure needed to actuate the handle
- Short stroke
- Extra-long shafts for highly myopic eyes
- 100 gram grasping power
- Super-stiff shaft material, even for 25ga instruments
- Color coded for easy gauge identification
- Removable end stick
- 360° rotation on basket handle
- Forceps and scissor tips available
- Basket and slim handle available
- 27ga DEX™ handles have a retractable stiffening sleeve designed to make 27ga as stiff as 19ga instruments *(patent #9,138,346 and #9,138,346)*
- Sold in boxes of 5
### Forceps Tips

**Awh Forceps** (5/box, sterile, disposable)
Features much larger grasping platforms. Maintains see-to-the tip asymmetrical design for ILM and general membranes.

<table>
<thead>
<tr>
<th>DEX TIPS™</th>
<th>DEX™</th>
<th>Slim DEX™</th>
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<tbody>
<tr>
<td>CVF4005-23</td>
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<td>DVF4005-23</td>
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<tr>
<td>CVF4005-25</td>
<td>25ga</td>
<td>DVF4005-25</td>
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</table>

**Morris Honey Badger Forceps** (5/box, sterile, disposable)
Sharp, fine, curved tips allow for access to delicate areas of the retina, including parafovea ILM. Strong grasping force allows for precise peeling of these membranes.

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<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<tbody>
<tr>
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<td>27ga</td>
<td>DVF4010-27</td>
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</table>

**Tano Asymmetrical Forceps** (5/box, sterile, disposable)
Modification of the classic "Tano" design featuring open architecture, asymmetrical tips and strong grasping ability.

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<tr>
<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<td>CVF4014-27</td>
<td>27ga</td>
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</table>

**Serrated Forceps** (5/box, sterile, disposable)
Serrated platforms designed to improve grasping ability for tough, dense membranes.

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<th>DEX TIPS™</th>
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<tr>
<td>CVF4016-25</td>
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</table>

**Maculorhexis Forceps** (5/box, sterile, disposable)
Small, very fine platforms designed for grasping fine membranes.

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<thead>
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<th>DEX TIPS™</th>
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<tbody>
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<tr>
<td>CVF4019-27</td>
<td>27ga</td>
<td>DVF4019-27</td>
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</tbody>
</table>
### End Grasper Forceps (5/box, sterile, disposable)
Features larger grasping platforms designed for precise and firm gripping. Asymmetric jaws allow for better visualization.

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<tr>
<th>DEX TIPS™</th>
<th>DEX™</th>
<th>Slim DEX™</th>
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</tr>
<tr>
<td>CVF4022-27</td>
<td>27ga</td>
<td>DVF4022-27</td>
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</table>

### Maculorhexis Sweeper™ Forceps (5/box, sterile, disposable)
Small, very fine platforms designed for grasping fine membranes. Features one stationary arm and one “sweeping” arm.

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<thead>
<tr>
<th>DEX TIPS™</th>
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<tbody>
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</tr>
</tbody>
</table>

### End Grasper Sweeper™ Forceps (5/box, sterile, disposable)
Features larger grasping platforms designed for precise and firm gripping. Asymmetric jaws allow for better visualization. Features one stationary arm and one “sweeping” arm.

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<thead>
<tr>
<th>DEX TIPS™</th>
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<tbody>
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<tr>
<td>DVF4025-27</td>
<td>27ga</td>
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### Invisible ILM Forceps™ (5/box, sterile, disposable)
Designed to have the smallest contact with the ILM, can also be flipped over to be used like an end-grasping forceps.

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<tr>
<th>DEX TIPS™</th>
<th>DEX™</th>
<th>Slim DEX™</th>
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<tbody>
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<tr>
<td>CVF4027-27</td>
<td>27ga</td>
<td>DVF4027-27</td>
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</table>

### Morris ILM Forceps (5/box, sterile, disposable)
Blunt, fine, curved tips allow for access to the ILM. Micro serrations on the platform allows for secure grasping of these membranes.

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<thead>
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<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<tbody>
<tr>
<td>CVF4033-23</td>
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</tr>
<tr>
<td>CVF4033-27</td>
<td>27ga</td>
<td>DVF4033-27</td>
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</tbody>
</table>
**Super Grip Forceps** (5/box, sterile, disposable)
Micro serrations on the broad platforms allow for secure grasping of fibrous membranes.

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<tr>
<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<tbody>
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</tr>
<tr>
<td>CVF4034-27 27ga</td>
<td>DVF4034-27 27ga</td>
<td>DVFO4034-27 27ga</td>
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**Hassan Forceps** (5/box, sterile, disposable)
One rounded corner and one sharp corner, small, very fine platforms designed for grasping fine membranes.

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<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<tbody>
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<tr>
<td>CVF4035-27 27ga</td>
<td>DVF4035-27 27ga</td>
<td>DVFO4035-27 27ga</td>
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**Scissors Tips**

**Curved Horizontal Scissors** (5/box, sterile, disposable)
Classic design for membrane peeling. Curve conforms to underlying retina, fine points for precision work.

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<th>DEX TIPS™</th>
<th>DEX™</th>
<th>Slim DEX™</th>
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<tbody>
<tr>
<td>CVS5006-23 23ga</td>
<td>DVS5006-23 23ga</td>
<td>DVSO5006-23 23ga</td>
</tr>
<tr>
<td>CVS5006-25 25ga</td>
<td>DVS5006-25 25ga</td>
<td>DVSO5006-25 25ga</td>
</tr>
<tr>
<td>CVS5006-27 27ga</td>
<td>DVS5006-27 27ga</td>
<td>DVSO5006-27 27ga</td>
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**Vertical Scissors** (5/box, sterile, disposable)
Features a unique and extremely thin curved bottom blade designed to conform to the retina, yet provide an extremely fine point for membrane segmentation.

<table>
<thead>
<tr>
<th>DEX TIPS™</th>
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<th>Slim DEX™</th>
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<tbody>
<tr>
<td>CVS5101-23 23ga</td>
<td>DVS5101-23 23ga</td>
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<td>CVS5101-27 27ga</td>
<td>DVS5101-27 27ga</td>
<td>DVSO5101-27 27ga</td>
</tr>
</tbody>
</table>
Reuseable Retinal Forceps
Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on retina instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.
Katalyst is proud to present this line of instruments for retina, featuring many new designs and a new handle design. This new patented handle features an extremely low friction design that Mr. Scheller feels is the best he has ever created. This, in turn, allows for instrument actuation with noticeably lighter actuation pressures than traditional designs, short strokes, and reactive tips. New tip designs bring back the third dimension, lost in so many modern disposable instruments. They are meticulously crafted in our St. Louis, Missouri facility by craftsmen with years of instrument-making experience. We have rekindled old relationships and are featuring tip designs, designed with some of the greatest modern surgeons. These instruments introduce NanoTapered™ forceps tips which are designed to close first at the very tip and have radiused edges. Much has been made lately of the grasping power of retina instruments. Our “old-school” techniques regularly yield tips that exceed 100 grams of grasping force, even in 25ga sizes. We hope that you let Katalyst show you what 30 years of experience can bring to your instrument armamentarium.

What is ISOCLEAN™?
- 40 years of design refinement behind this development
- Ultra-low, non metallic bushing design
- Low force
- Short stroke
- Through-lumen for cleaning, infusion/aspiration of fluids
- One-piece-tips react to every movement of handle. Handle is round when the instrument is fully closed
- New tip designs
  - Sharp edges at end of instrument
  - Radiused edges at back from tip
  - Larger grasping surfaces than traditional designs
  - See-to-the-tip designs
- Extra-long shafts for high-myopes
- Super-stiff shaft materials unique to Katalyst for 25ga instruments offering up to a 50% improvement in shaft stiffness over traditional designs
- Gold tips on forceps
- Instruments are supplied in an autoclavable tray
- 100 gram grasping power
- Built to order
**Forceps Tips—New Designs**

**ISOCLEAN™ Canoe™ Forceps, Gold**
- Featuring a unique tip which provides the spherical tip so many surgeons love in the pincer, yet allows the surgeon to see “through” the tip to the bottom for ILM peeling.
- VF4000-20G 20ga
- VF4000-23G 23ga
- VF4000-25G 25ga
- VF4000-27G 27ga

**ISOCLEAN™ Grabber™ Forceps, Gold**
- The first ever forceps to feature a unique surface treatment on the bottom of the grasping surfaces designed for aggressive grasping and holding. This forceps routinely generates 150g of grasping force. The cutout design maximizes visibility around the tip.
- VF4001-20G 20ga
- VF4001-23G 23ga
- VF4001-25G 25ga
- VF4001-27G 27ga

**ISOCLEAN™ NanoTapered™ Awh Forceps, Gold**
- Features much larger grasping platforms. Maintains see-to-the tip design for ILM and general membranes. This forceps introduces the Katalyst NanoTapered™ design which allows the tips to close first, yet maintain the large grasping surface.
- VF4005-20G 20ga
- VF4005-23G 23ga
- VF4005-25G 25ga
- VF4005-27G 27ga

**ISOCLEAN™ Holekamp Forceps, Gold**
- Features much larger grasping platforms. Maintains see-to-the tip design for ILM and general membranes.
- VF4006-20G 20ga
- VF4006-23G 23ga
- VF4006-25G 25ga
- VF4006-27G 27ga

**ISOCLEAN™ NanoTapered™ Hybrid Forceps, Gold**
- The best features of the Asymmetrical and the Pincer in the same instrument allowing the instrument to be flipped over to become one or the other. For ILM peeling. This forceps introduces the Katalyst NanoTapered™ design which allows the tips to close first, yet maintain the large grasping surface.
- VF4007-20G 20ga
- VF4007-23G 23ga
- VF4007-25G 25ga
- VF4007-27G 27ga
**ISOCLEAN™ Skinny™ Pincer Style ILM Forceps, Gold**
Modification of the original German design featuring much thinner tips to allow for visualization of the surgical field surrounding the tip.
VF4008-20G  20ga
VF4008-23G  23ga
VF4008-25G  25ga
VF4008-27G  27ga

**ISOCLEAN™ NanoTapered™ Pincer Forceps, Gold**
Features much larger grasping platforms. Maintains see-to-the tip design for ILM and general membranes. For ILM peeling. This forceps introduces the Katalyst NanoTapered™ design which allows the tips to close first, yet maintain the large grasping surface.
VF4009-20G  20ga
VF4009-23G  23ga
VF4009-25G  25ga
VF4009-27G  27ga

**ISOCLEAN™ Holekamp Anatomical Forceps, Gold**
Forceps anatomically designed for the surgeon’s approach angle to peeling membranes on the macula. This design features a large, flat distal surface to distribute the contact force across the contact area and thin platforms to grasp at the very distal tip. Ideal for the “pinch & peel” technique.
VF4011-20G  20ga
VF4011-23G  23ga
VF4011-25G  25ga
VF4011-27G  27ga

**ISOCLEAN™ NanoTapered™ Duckbill Forceps, Gold**
Modern design eliminates the shredding serrations and replaces it with Katalyst’s NanoTapered™ platforms, designed to minimize tissue shredding.
VF4017-20G  20ga
VF4017-23G  23ga
VF4017-25G  25ga
VF4017-27G  27ga

**ISOCLEAN™ Maculorhexis Forceps, Gold**
Very fine, small platforms for grasping fine membranes with improved visualization.
VF4019-20G  20ga
VF4019-23G  23ga
VF4019-25G  25ga
VF4019-27G  27ga

**ISOCLEAN™ Three Prong Foreign Body Forceps, Gold**
Three prongs allow for grabbing foreign bodies in many shapes and sizes.
V7510
(Developed in cooperation with Richard Johnston, M.D.)
**Forceps Tips-Traditional Designs**

**ISOCLEAN™ Pyramid Tip Forceps, Gold**
For general and heavy membrane peeling.
VF4003-20G 20ga  
VF4003-23G 23ga  
VF4003-25G 25ga  
VF4003-27G 27ga

**ISOCLEAN™ NanoTapered™ Curved ILM Forceps, Gold**
Moderate length curved grasping platforms designed to conform to the retinal surface. Fine, rounded tips for ILM grasping.
VF4010-20G 20ga  
VF4010-23G 23ga  
VF4010-25G 25ga  
VF4010-27G 27ga

**ISOCLEAN™ Pick Forceps, Gold**
This instrument provides a fine membrane pick when closed, a roughened pick top for enhanced control. Fine grasping platforms at the tip.
VF4012-20G 20ga  
VF4012-23G 23ga  
VF4012-25G 25ga  
VF4012-27G 27ga

**ISOCLEAN™ Tano Asymmetrical ILM Forceps, Gold**
Classic, Japanese-designed forceps with fine points at the tip, window for visibility, no contact on the bottom. Enhanced grasping surface on platforms.
VF4014-20G 20ga  
VF4014-23G 23ga  
VF4014-25G 25ga  
VF4014-27G 27ga

**ISOCLEAN™ Pincer ILM Forceps, Gold**
The original German-designed spherical tipped ILM forceps. Enhanced grasping surface on platform window in the center for visibility, pickup on the bottom.
VF4018-20G 20ga  
VF4018-23G 23ga  
VF4018-25G 25ga  
VF4018-27G 27ga

**ISOCLEAN™ Thomas Horizontal Subretinal Forceps, Gold**
Very fine tips designed to reach through a peripheral retinotomy and under the macula.
VF4101-20G 20ga
Scissor Tips

**ISOCLEAN™ Vertical Scissors**
Features a unique and extremely thin curved bottom blade designed to conform to the retina, yet provide an extremely fine point for membrane segmentation.

VS5101-20  20ga  
VS5101-23  23ga  
VS5101-25  25ga  
VS5101-27  27ga

**ISOCLEAN™ Curved Horizontal Scissors**
Classic design for membrane peeling. Curve conforms to underlying retina. Fine points for precision work.

VS5006-20  20ga  
VS5006-23  23ga  
VS5006-25  25ga  
VS5006-27  27ga

**ISOCLEAN™ Thomas Horizontal Subretinal Scissors**
Very fine tips designed to enter through a peripheral retinotomy and reach under the macula.

VS5009-20  20ga
iQ™ Retinal Forceps

Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on retina instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.

Katalyst is proud to present a new concept in vitreoretinal instrumentation. iQ™ is a unique concept that combines both single use and reusable components to deliver the cost effectiveness of a reusable instrument with the optimal performance of a disposable. These instruments are autoclavable, but not repairable, making them the right answer for many accounts tired of the expense of disposables, but also tired of the cost and performance uncertainty of reusables. These feature a super-smooth, low force, 360° actuator and high quality tips at a price between traditional disposable and reusable instruments.

What is iQ™?

- 40 years of design refinement behind this development
- Ultra-low, non metallic bushing design
- Low force
- Short stroke
- Through-lumen for cleaning, infusion/aspiration of fluids
- One-piece-tips react to every movement of handle. Handle is completely round when the instrument is fully closed for a more comfortable feel
- New tip designs
  - Sharp edges at end of instrument
  - Radiused edges at back from tip
  - Larger grasping surfaces than traditional designs
  - See-to-the-tip designs
- Extra-long shafts for high-myopes
- Super-stiff shaft materials unique to Katalyst for 25ga instruments offering up to a 50% improvement in shaft stiffness than traditional designs
- Lower cost
- Instruments are supplied in an autoclavable tray
- 360° actuator
- 100 gram grasping power
- Built to order
Forceps Tips-New Designs

**iQ™ Skinny™ Tano Asymmetrical Forceps**
Modifications of the original Japanese design featuring much thinner tips to allow for better visualization of the surgical field surrounding the tip. For ILM peeling.
- RVF4004-20 20ga
- RVF4004-23 23ga
- RVF4004-25 25ga
- RVF4004-27 27ga

**iQ™ Awh Forceps**
Features much larger grasping platforms. Maintains see-to-the tip design for ILM and general membranes.
- RVF4005-20 20ga
- RVF4005-23 23ga
- RVF4005-25 25ga
- RVF4005-27 27ga

**iQ™ Skinny™ Pincer Style ILM Forceps**
Modification of the original German design featuring much thinner tips to allow for visualization of the surgical field surrounding the tip.
- RVF4008-20 20ga
- RVF4008-23 23ga
- RVF4008-25 25ga
- RVF4008-27 27ga

**iQ™ NanoTapered™ Pincer Forceps, Solid**
Features much larger grasping platforms. Maintains see-to-the tip design for ILM and general membranes. For ILM peeling. This forceps introduces the Katalyst NanoTapered™ design which allows the tips to close first, yet maintain the large grasping surface.
- RVF4009-20 20ga
- RVF4009-23 23ga
- RVF4009-25 25ga
- RVF4009-27 27ga

**iQ™ Holekamp Anatomical Forceps**
Forceps anatomically designed for the surgeon’s approach angle to peeling membranes on the macula. This design features a large, flat distal surface to distribute the contact force across the contact area and thin platforms to grasp at the very distal tip. Ideal for the “pinch & peel” technique.
- RVF4011-20 20ga
- RVF4011-23 23ga
- RVF4011-25 25ga
- RVF4011-27 27ga
iQ™ NanoTapered™ Duckbill Forceps
Modern design eliminates the shredding serrations and replaces it with Katalyst’s NanoTapered™ platforms.
RVF4017-20 20ga
RVF4017-23 23ga
RVF4017-25 25ga
RVF4017-27 27ga

iQ™ Macularhexis Forceps
Very fine, small platforms for grasping fine membranes with improved visualization.
RVF4019-20 20ga
RVF4019-23 23ga
RVF4019-25 25ga
RVF4019-27 27ga

Forceps Tips—Traditional Designs

iQ™ Pyramid Tip Forceps
For general and heavy membrane peeling.
RVF4003-20 20ga
RVF4003-23 23ga
RVF4003-25 25ga
RVF4003-27 27ga

iQ™ NanoTapered™ Curved ILM Forceps
Moderate length curved grasping platforms designed to conform to the retinal surface. Fine, rounded tips for ILM grasping.
RVF4010-20 20ga
RVF4010-23 23ga
RVF4010-25 25ga
RVF4010-27 27ga

iQ™ Pick Forceps
This instrument provides a fine membrane pick when closed and a roughened pick top for enhanced control. Fine grasping platforms at the tip.
RVF4012-20 20ga
RVF4012-23 23ga
RVF4012-25 25ga
RVF4012-27 27ga
iQ™ Tano Asymmetrical ILM Forceps
Classic, Japanese-designed forceps with fine points at the tip, window for visibility, and no contact on the bottom. Enhanced grasping surface on platforms.

RVF4014-20  20ga
RVF4014-23  23ga
RVF4014-25  25ga
RVF4014-27  27ga

iQ™ Pincer ILM Forceps
The original German-designed spherical tipped ILM forceps. Enhanced grasping surface on platform window in the center for visibility, pickup on the bottom.

RVF4018-20  20ga
RVF4018-23  23ga
RVF4018-25  25ga
RVF4018-27  27ga

iQ™ End Grasper Forceps
Modification of the classic “Tano” design featuring open architecture, asymmetric tips and strong grasping ability.

RVF4022-20  20ga
RVF4022-23  23ga
RVF4022-25  25ga
RVF4022-27  27ga

Scissors Tips

iQ™ Curved Horizontal Scissors
Classic design for membrane peeling. Curve conforms to underlying retina. Fine points for precision work.

RVS5006-20  20ga
RVS5006-23  23ga
RVS5006-25  25ga
RVS5006-27  27ga

iQ™ Vertical Scissors
Features a unique and extremely thin curved bottom blade designed to conform to the retina, yet provide an extremely fine point for membrane segmentation.

RVS5101-20  20ga
RVS5101-23  23ga
RVS5101-25  25ga
RVS5101-27  27ga
Katalyst is proud to present its latest line of fiberoptic delivery systems. The REVOLVER™ laser probes are a revolution in laser probe technology. REVOLVER™ laser probes greatly reduce cost compared to a traditional, fully disposable laser probe. The Universal Connectors and Handpieces are reusable and the only disposable aspect is the fiber, which fits any tip style and gauge size. We hope that you let Katalyst show you what 40 years of experience can bring to your instrument armamentarium.

**REVOLVER™ Universal Reusable Connector**
Reusable connector comes with a lanyard to attach to laser machine and a dust cap to help keep it clean in between uses.
RLP-A Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905

**REVOLVER™ Straight Reusable Handpiece**
Handpiece comes in an autoclavable tray
RLP000-23 23ga
RLP000-25 25ga

**REVOLVER™ Tapered Flexible Curved Reusable Handpiece**
Handpiece comes in an autoclavable tray
RLP111-23 23ga
RLP111-25 25ga

**REVOLVER™ Navigator™ Reusable Handpiece**
Handpiece comes in an autoclavable tray
RLP222-23 23ga
RLP222-25 25ga

**REVOLVER™ Fiber** (10/box, sterile, disposable)
V6600

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Laser Probes

Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on retina instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.

Katalyst is proud to present its latest line of fiberoptic delivery systems. Many are familiar designs, but new highlights include flexible curved designs and illuminated probes manufactured with a new design to maximize illumination. These probes are designed to connect to a host of lasers. We hope that you let Katalyst show you what 40 years of experience can bring to your instrument armamentarium.

Straight Laser Probe (10/box, sterile, disposable)

V6000-20A  20ga Iridex®
V6000-20B  20ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6000-20C  20ga Quantel®
V6000-20E  20ga Nidek Thread
V6000-20J  20ga DORC

V6000-23A  23ga Iridex®
V6000-23B  23ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6000-23C  23ga Quantel®
V6000-23E  23ga Nidek Thread
V6000-23J  23ga DORC

V6000-25A  25ga Iridex®
V6000-25B  25ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6000-25C  25ga Quantel®
V6000-25E  25ga Nidek Thread
V6000-25J  25ga DORC

V6000-27A  27ga Iridex®
V6000-27B  27ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6000-27C  27ga Quantel®
V6000-27E  27ga Nidek Thread
V6000-27J  27ga DORC
### Tapered Flexible Curved Laser Probe (10/box, sterile, disposable)

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* Registered trademarks are the property of their respective owners
One-Piece Flexible **Curved Laser Probe** (10/box, sterile, disposable)

- V6111-23A 23ga Iridex®
- V6111-23B 23ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6111-23C 23ga Quantel®
- V6111-23E 23ga Nidek Thread
- V6111-23J 23ga DORC

- V6111-25A 25ga Iridex®
- V6111-25B 25ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6111-25C 25ga Quantel®
- V6111-25E 25ga Nidek Thread
- V6111-25J 25ga DORC

- V6111-27A 27ga Iridex®
- V6111-27B 27ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6111-27C 27ga Quantel®
- V6111-27E 27ga Nidek Thread
- V6111-27J 27ga DORC

*Registered trademarks are the property of their respective owners*
### Straight Illuminated Laser Probe (10/box, sterile, disposable)

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20ga Iridex®
20ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
20ga Quantel®
20ga Nidek Thread
20ga DORC

### Curved Illuminated Laser Probe (10/box, sterile, disposable)

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20ga Iridex®
20ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
20ga Quantel®
20ga Nidek Thread
20ga DORC

*Registered trademarks are the property of their respective owners*
**Tapered Flexible Curved Illuminated Laser Probe** (10/box, sterile, disposable)

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**Illumination Adapters**

For use with Photon™ (R) Endoprobes

- RLP-S: Alcon® Accurus® or Constellation® illumination adapter
- RLP-Q: Stellaris® illumination adapter

* Registered trademarks are the property of their respective owners
Steerable™ Laser Probes patented

Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on retina instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.

Why Steerable™ Laser Probes?
Allows the surgeon to control the curvature of the tip from 0°-90°
The basket handle allows for 360° rotation offering unparalleled access to peripheral retina
The “skinny” handle offers a smaller diameter option
Most patented laser probe on the market

0°-90° Steerable™ Laser Probe (10/box, sterile, disposable)

<table>
<thead>
<tr>
<th>Steerable™</th>
<th>Skinny Steerable™</th>
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<tbody>
<tr>
<td>V6500-23A</td>
<td>V6530-23A</td>
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<tr>
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<tr>
<td>V6500-25J</td>
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23ga Iridex®, 23ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905, 23ga Quantel®, 23ga Nidek Thread, 23ga DORC

* Registered trademarks are the property of their respective owners
Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on Retina Instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.

**Why MultiFlex™ Laser Probes?**
Allows the surgeon to control the curvature of the tip by sliding the button
4 styles available
A multitude of laser connectors available

---

**MultiFlex™ Laser Probe** (10/box, sterile, disposable)
Fixed fiber, moving shaft. The fiber is curved away from the actuation button.

- V6510-23A 23ga Iridex®
- V6510-23B 23ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6510-23C 23ga Quantel®
- V6510-23E 23ga Nidek Thread
- V6510-23J 23ga DORC

- V6510-25A 25ga Iridex®
- V6510-25B 25ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6510-25C 25ga Quantel®
- V6510-25E 25ga Nidek Thread
- V6510-25J 25ga DORC

---

**MultiFlex™ Extendable Laser Probe** (10/box, sterile, disposable)
Moving fiber, fixed shaft. The fiber is curved away from the actuation button.

- V6510E-23A 23ga Iridex®
- V6510E-23B 23ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6510E-23C 23ga Quantel®
- V6510E-23E 23ga Nidek Thread
- V6510E-23J 23ga DORC

- V6510E-25A 25ga Iridex®
- V6510E-25B 25ga Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6510E-25C 25ga Quantel®
- V6510E-25E 25ga Nidek Thread
- V6510E-25J 25ga DORC

* Registered trademarks are the property of their respective owners
MultiFlex™ Inverted Laser Probe (10/box, sterile, disposable)
Fixed fiber, moving shaft. The fiber is curved toward the actuation button.
V6520-23A  23ga  Iridex®
V6520-23B  23ga  Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6520-23C  23ga  Quantel®
V6520-23E  23ga  Nidek Thread
V6520-23J  23ga  DORC

V6520-25A  25ga  Iridex®
V6520-25B  25ga  Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6520-25C  25ga  Quantel®
V6520-25E  25ga  Nidek Thread
V6520-25J  25ga  DORC

MultiFlex™ Inverted Extendable Laser Probe (10/box, sterile, disposable)
Moving fiber, fixed shaft. The fiber is curved toward the actuation button.
V6520E-23A  23ga  Iridex®
V6520E-23B  23ga  Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6520E-23C  23ga  Quantel®
V6520E-23E  23ga  Nidek Thread
V6520E-23J  23ga  DORC

V6520E-25A  25ga  Iridex®
V6520E-25B  25ga  Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6520E-25C  25ga  Quantel®
V6520E-25E  25ga  Nidek Thread
V6520E-25J  25ga  DORC

* Registered trademarks are the property of their respective owners
Intraocular Bipolar Cautery

Intraocular Bipolar (6/box, sterile, disposable)
DV7000-20  20ga
DV7000-23  23ga
DV7000-25  25ga
DV7000-27  27ga
Endoilluminators

Focal Light Pipe (10/box, sterile, disposable)

- Photon™/Photon™ II
  - V2000-20R: 20ga
  - V2000-23R: 23ga
  - V2000-25R: 25ga
  - V2000-27R: 27ga
- Oertli OS4
  - V2000-20V: 20ga
  - V2000-23V: 23ga
  - V2000-25V: 25ga
  - V2000-27V: 27ga

Widefield Light Pipe (10/box, sterile, disposable)

- Photon™/Photon™ II
  - V2010-20R: 20ga
  - V2010-23R: 23ga
  - V2010-25R: 25ga
  - V2010-27R: 27ga
- Oertli OS4
  - V2010-20V: 20ga
  - V2010-23V: 23ga
  - V2010-25V: 25ga
  - V2010-27V: 27ga

Shielded Widefield Light Pipe (10/box, sterile, disposable)

- Photon™/Photon™ II
  - V2011-20R: 20ga
  - V2011-23R: 23ga
  - V2011-25R: 25ga
  - V2011-27R: 27ga
- Oertli OS4
  - V2011-20V: 20ga
  - V2011-23V: 23ga
  - V2011-25V: 25ga
  - V2011-27V: 27ga

Dispersion Light Pipe (10/box, sterile, disposable)

- Photon™/Photon™ II
  - V2012-20R: 20ga
  - V2012-23R: 23ga
  - V2012-25R: 25ga
  - V2012-27R: 27ga
- Oertli OS4
  - V2012-20V: 20ga
  - V2012-23V: 23ga
  - V2012-25V: 25ga
  - V2012-27V: 27ga

Illumination Adapters
For use with Photon™ (R) Endoilluminators

- RLP-S: Alcon® Accurus® or Constellation® illumination adapter
- RLP-Q: Stellaris® illumination adapter
### Chandeliers

**Awh Brilliant™ Chandelier** (10/box, sterile, disposable)
Provides 360° illumination. Cannula and trocar included.

<table>
<thead>
<tr>
<th>Photon™/Photon™ II</th>
<th>Oertli OS4</th>
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</thead>
<tbody>
<tr>
<td>V2105-25R 25ga</td>
<td>V2105-25V 25ga</td>
</tr>
</tbody>
</table>

### Illumination Adapters

For use with Photon™ (R) Endoilluminators

- RLP-S: Alcon® Accurus® or Constellation® illumination adapter
- RLP-Q: Stellaris® illumination adapter

*Registered trademarks are the property of their respective owners*
Harms-Colibri Corneal Forceps
3201-12  1 x 2 teeth, .12mm teeth with tying platforms, 75mm length
3201-3  1 x 2 teeth, .30mm teeth with tying platforms, 75mm length

Watzke Sleeve Spreader Forceps - STAINLESS STEEL
3505  Stainless steel, 144.5mm length

Bishop-Harmon Dressing Forceps
3225-85  .6mm criss-cross serrated tips, 85mm length

Hartman Hemostatic Mosquito Forceps, 20mm serrated jaws
3530C-122  Curved, 122mm length
3530S-122  Straight, 122mm length
Scleral Plug/Cannula Forceps
3545-118  118mm length

Straight Suturing Forceps, 1 x 2 teeth, 5mm tying platforms
3600S-12-108  .12mm teeth, 108mm length
3600S-30-108  .30mm teeth, 108mm length

McPherson Tying Forceps, 4.5mm tying platforms
3800-85  Straight, 85mm length
3802-85  Angled, 12mm shaft, 85mm length

Korenfeld Suture Cutting Tying Forceps, 4.5mm tying platforms
3800-85-SC  Straight, 85mm length
3802-85-SC  Angled, 12mm shaft, 85mm length

Girard Tying Forceps, 4.5mm tying platforms
3808C-105  Curved, 105mm length
3808S-105  Straight, 105mm length
Gemcision™ Scleral Buckling Blades  

- Gem-quality sapphire blades at an affordable price
- Ultra sharp blades
- Reusable but not repairable
- Retractable handle for blade protection
- Sold in boxes of 5

Gemcision™ Sapphire Dhaliwal Scleral Buckle Blade (5/box, reusable)
VG7960-S275  2.75mm crescent blade

Gemcision™ Sapphire Dhaliwal Scleral Buckle Blade (5/box, reusable)
VG7960-S28  2.8mm hockey stick blade
Disposable Iris Retractors (sterile, disposable)
- D4176-2 2 sets of 5 hooks
- D4176-5 5 sets of 5 hooks

Reusable Iris Retractors
It is recommended, no more than three (3) uses
- 4176 1 set of 6 hooks
Troutman Curved Needle Holder
5000C-115  Blunt tips, 10mm jaws, without lock, 115mm length
5000C-115-SC Blunt tips, 10mm jaws, with cutting platforms, without lock, 115mm length
5000C-115L Blunt tips, 10mm jaws, with lock, 115mm length
5000C-115L-SC Blunt tips, 10mm jaws, with cutting platforms, with lock, 115mm length

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

Barraquer Straight Needle Holder
5005S-115  Delicate 9mm jaws, sharp tips, without lock, 115mm length
5005S-115L  Delicate 9mm jaws, sharp tips, with lock, 115mm length
Korenfeld Sub-Tenon’s Injections Scissors
6300-115  Low-profile vaulted blades and blunt tips for dissection that follows the curve of the globe.

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

Westcott Curved Tenotomy Scissors
6602C-115  Blunt tips, 21mm from pivot to tip, 115mm length

Utility Scissors
6605C-110  Curved blades, pointed tips, 32mm from pivot to tip, 110mm length
6605C-110B Curved blades, blunt tips, 32mm from pivot to tip, 110mm length
6605S-110  Straight blades, pointed tips, 32mm from pivot to tip, 110mm length
6605S-110B Straight blades, blunt tips, 32mm from pivot to tip, 110mm length
Vannas Angled Scissors
6800A-82  Sharp tips, 7mm blades, 9mm from pivot to tip, 82mm length

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

Vannas Straight Scissors
6800S-82  Sharp pointed tips, 7.5mm blades, 9.5mm from pivot to tip, 82mm length
Witherspoon Kandle™ (5/box, sterile, disposable)
Multi-function illuminated scleral depressors, for use with light pipes
DV7900

Schocket Double-Ended Scleral Depressor
V7900 Double-ended depressor and marker

O’Connor Double-Ended Scleral Depressor
V7902 Double-ended depressor and marker, 137mm length

Pediatric Scleral depressor
V7903 80mm length

Trocar Footplate (STAINLESS STEEL)
V7910 78mm length
**Leiberman Solid Speculum**
7000   Adjustable 14.5mm blades, 65mm length

**Wire Speculum**
7001   13.5mm blades, 52mm length

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

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

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

**Lindstrom-Chu Aspirating Speculum**
7002   For removal of excess fluid from the ocular surface. Reversible speculum can rest nasally or temporally. Adjustable 14.5mm blades, 65mm length
Leiberman-Kratz Open Wire Speculum
7005 Adjustable 14.5mm open blades, 45° angled shaft, 65mm length

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

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

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

Cook Eye Speculum - Pediatric
7018 10mm blades, 55mm length
RAVI Guide
Designed to shorted cycle time for intravitreal injections and reduce patient discomfort
V7911
ReUsable Retinal Picks

Katalyst’s CEO, Gregg Scheller, has worked almost his entire 40-year career on retina instrument development. He has worked with Drs. Awh, Chang, Chow, DeJuan, Ducournau, Dunn, Hida, Holekamp, Lewis, Morris, Opremcak, Peyman, Rice, Tano, Thomas, Witherspoon, and hundreds of others to develop the finest in surgical technology.

Katalyst is proud to present this line of instruments for retina, featuring many new tips and handle design. This new handle features carbon-fiber and a new tip material. The handle is a larger diameter, but extremely lightweight creating a unique ergonomic feel and better tactile feedback at the surgeon’s hand. Mr. Scheller feels this is the best he has ever created. The chosen tip material is a new generation of Stainless Steel, allowing for the creation of a remarkably thin, yet strong tip eclipsing the traditional materials. New tip designs bring back the third dimension, lost in so many modern disposable instruments. They are meticulously crafted in our St. Louis, Missouri facility by craftsmen that have years of instrument making experience. We hope that you let Katalyst show you what 40 years of experience can bring to your instrument armamentarium. This product is built to order.

New Designs

Dunn ILM Pick
A unique design that maximizes the benefit of the Rice ILM pick, especially for small-gauge surgery by providing a longer pick surface.

<table>
<thead>
<tr>
<th>Sharp tip to initiate dissection</th>
<th>Blunt tip to continue dissection</th>
</tr>
</thead>
<tbody>
<tr>
<td>VP3500-20 20ga</td>
<td>VP3500B-20 20ga</td>
</tr>
<tr>
<td>VP3500-23 23ga</td>
<td>VP3500B-23 23ga</td>
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<tr>
<td>VP3500-25 25ga</td>
<td>VP3500B-25 25ga</td>
</tr>
<tr>
<td>VP3500-27 27ga</td>
<td>VP3500B-27 27ga</td>
</tr>
</tbody>
</table>

Traditional Designs

Rice ILM Pick
Traditional ILM elevator featuring a unique geometry designed to maximize effectiveness

| VP3501-20 20ga | VP3501-23 23ga | VP3501-25 25ga | VP3501-27 27ga |

Morris ILM Pick
A retina shape-conforming pick with a fine point

| VP3502-20 20ga | VP3502-23 23ga | VP3502-25 25ga | VP3502-27 27ga |
**Michel’s Hook 90°**
A classic for 30 years featuring a spherical tip
- VP3503-20 20ga
- VP3503-23 23ga
- VP3503-25 25ga
- VP3503-27 27ga

**Thomas Subretinal Pick**
Designed to separate subretinal membranes from a peripheral retinotomy location
- VP3511-20 20ga

**Lewis 33ga Subretinal Perforator 90°**
Originally designed to assist in TPA procedures, this short, sharp tip can be used for membrane elevation
- VP3512-20 20ga

**Lewis 33ga Subretinal Perforator 135°**
Originally designed to assist in TPA procedures, this short, sharp tip can be used for membrane elevation
- VP3513-20 20ga
Retinal Polishers \textit{patents pending}

Retinal Polishers or “scrapers” as they are sometimes called have become an important part of the surgical armamentarium of many retinal physicians. Katalyst’s CEO, Gregg Scheller developed the first of these instruments many years ago with Professor Yasuo Tano of Japan. Katalyst would like for you to try our next generation of polishers. They feature Black Silicone™ for visibility against the retina. The T-\text{Tube}™ (\textit{patent \#9,775,943}) improves the instrument’s ability to move soft tips through valved cannulas.

\begin{itemize}
  \item \textbf{Tano Polisher} (5/box, sterile, disposable)
    \begin{itemize}
      \item Japanese-designed polisher/scrapper, with T-\text{Tube}™ and Black Silicone™.
      \item DV1014-20  \hspace{1em} 20ga
      \item DV1014-23  \hspace{1em} 23ga
      \item DV1014-25  \hspace{1em} 25ga
      \item DV1014-27  \hspace{1em} 27ga
    \end{itemize}
  \item \textbf{Maeno-Awh Super Manipulator} (5/box, sterile, disposable)
    \begin{itemize}
      \item A silicone tip with a ball on the end designed to transplant ILM into macular hole, with T-\text{Tube}™ and Black Silicone™.
      \item DV1030-20  \hspace{1em} 20ga
      \item DV1030-23  \hspace{1em} 23ga
      \item DV1030-25  \hspace{1em} 25ga
      \item DV1030-27  \hspace{1em} 27ga
    \end{itemize}
\end{itemize}
Instrument Tray - Single Level

- **4600**: 10” x 6” x .8” (254mm x 152mm x 20mm)
- **4600D**: 10” x 6” x 1.5” (257mm x 156mm x 38mm)
- **4600L**: 15” x 10” x .8” (381mm x 254mm x 20mm)
- **4600LD**: 15” x 10” x 1.5” (381mm x 254mm x 38mm)
- **4600M**: 2.5” x 6” x .8” (64mm x 156mm x 20mm)
- **4600SM**: 2.5” x 7.5” x .8” (64mm x 191mm x 20mm)

Instrument Tray - Bi-Level

- **4600B**: 10” x 6” x 1.5” (257mm x 156mm x 38mm)
- **4600LB**: 15” x 10” x 1.5” (381mm x 254mm x 38mm)

Instrument Tray - Slotted Bar

- **4600S**: 2.5” x 6” x .8” (64mm x 156mm x 20mm)
- **4600SD**: 4” x 7.5” x 1.5” (102mm x 191mm x 38mm) For phaco handpiece
Solid Silicone Implants

Silicone Tires

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Silicone Strips

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Meridional Implants

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Silicone Sponges

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Watzke Sleeve Spreader Forceps - STAINLESS STEEL
3505
Stainless steel, 144.5mm length