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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Holekamp Drip Droppers™ patents pending

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

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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.

Titanium Backflush Handpieces
- VC1300-A: Active, tubing attached
- VC1300-P: Passive
- VC1300-ARR: Reflux bulb replacement, active
- VC1300-PRR: Reflux bulb replacement, passive

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

**Mason Cannula** (5/box, sterile, disposable)
Designed to direct fluid parallel to the retina.
- DVC1360-20* 20ga
- DVC1360-23 23ga
- DVC1360-25 25ga
- DVC1360-27* 27ga

**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.
- DVC1815-20* 20ga
- DVC1815-23 23ga
- DVC1815-25 25ga
- DVC1815-27* 27ga
Disposable Backflush Handpiece *patents pending*

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

*built to order*
Awh MVP™ Micro Vacuum Pick  surgical method and device patents pending

Peel Membranes Without Forceps
- Designed for atraumatic membrane removal
- Designed for fewer instrument exchanges
- Features stiffening technology that uses a self-retracting/telescoping stiffening sleeve to make 27ga instruments 55X stiffer and 25ga instruments 22X stiffer than traditional instruments (US patents #9,138,346 and #9,757,274)
- Surgical method and device patents pending
- Designed in cooperation with Carl Awh, MD

Awh MVP™ Micro Vacuum Pick (5/box, sterile, disposable)
This unique design combines micropicks and vacuum to peel and remove ILM and ERM without the use of forceps.
DVC1470-23 23ga
DVC1470-25 25ga, with stiffening technology
DVC1470-27 27ga, with stiffening technology
DEX TIPS™ Disposable Forceps and Scissors Tips  

**Why DEX TIPS™?**
- 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 forceps grasping power
- Low squeeze pressure needed to actuate the handle
- Small movement required to actuate the tip, no dead space
- Tips color coded for easy gauge identification
- 360° rotation on basket handle
- Handles sold individually
- Tips are sold in boxes of 5

**DEX TIPS™ Multi-Use Universal Basket Handle**
CV-HANDLE  With autoclave tray

**DEX TIPS™ Reusable Universal Slim Handle**
CVO-HANDLE
DEX™ Disposable Forceps and Scissors

Why DEX™?
- 40 years of design refinement behind this development
- Low squeeze pressure needed to actuate the handle
- Small movement required to actuate the tip, no dead space
- Extra-long shafts for highly myopic eyes
- 100 gram forceps grasping power
- Features stiffening technology that uses a self-retracting/telescoping stiffening sleeve to make 27ga instruments 55X stiffer and 25ga instruments 22X stiffer than traditional instruments (US patents #9,138,346 and #9,757,274)
- Color coded for easy gauge identification
- Removable end stick, converting into a vitrector style feel
- 360° rotation on basket handle
- Basket and slim style
- 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.

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

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

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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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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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Super Grip Forceps  (5/box, sterile, disposable)
Micro serrations on the broad platforms allow for secure grasping of fibrous membranes.

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Katalyst Surgical
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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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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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.

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Reusing 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 squeeze pressure needed to actuate handle, non metallic bushing design
- 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. No dead space
- 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
- Gold tips on forceps
- Instruments are supplied in an autoclavable tray
- 100 gram forceps grasping power
- Built to order
**Forceps Tips**

**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™ 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™ 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™ 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
Scissors 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
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 squeeze pressure needed to actuate handle, non metallic bushing design
- 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. No dead space
- 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
- Lower cost
- Instruments are supplied in an autoclavable tray
- 360° actuator
- 100 gram forceps grasping power
- Built to order
Forceps Tips

**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™ 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™ 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™ Maculorhexis Forceps**
Very fine, small platforms for grasping fine membranes with improved visualization.
- RVF4019-20 20ga
- RVF4019-23 23ga
- RVF4019-25 25ga
- RVF4019-27 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™ Straight Reusable Handpiece**
Handpiece comes in an autoclavable tray.
- RLP000-23 23ga
- RLP000-25 25ga

**REVOLVER™ Flexible Curved Reusable Handpiece**
Features stiffening technology that uses a self-retracting/telescoping stiffening sleeve to make 27ga instruments 55X stiffer and 25ga instruments 22X stiffer than traditional instruments (*US patents #9,138,346 and #9,757,274*). Handpiece comes in an autoclavable tray.
- RLP100-27 27ga

**REVOLVER™ Tapered Flexible Curved Reusable Handpiece**
Handpiece comes in an autoclavable tray.
- RLP111-23 23ga
- RLP111-25 25ga
**REVOLVER™ Navigator™ Reusable Handpiece**
Fixed fiber, moving shaft. Handpiece comes in an autoclavable tray.
RLP222-23  23ga
RLP222-25  25ga

**REVOLVER™ Navigator™ Extendable Reusable Handpiece**
Moving fiber, fixed shaft. Handpiece comes in an autoclavable tray.
RLP222E-23  23ga
RLP222E-25  25ga

**REVOLVER™ Universal Reusable Connector**
Reusable laser 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™ Universal Fiber** (10/box, sterile, disposable)
Universal fiber fits all handpiece styles and gauge sizes.
V6600

* Registered trademarks are the property of their respective owners
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)

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</table>

* Registered trademarks are the property of their respective owners
* built to order
**Tapered Flexible Curved Laser Probe** (10/box, sterile, disposable)
- V6100-23A 23ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6100-23C* 23ga Quantel®
- V6100-23E* 23ga Nidek Thread
- V6100-23J* 23ga DORC
- V6100-25A 25ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6100-25C* 25ga Quantel®
- V6100-25E* 25ga Nidek Thread
- V6100-25J* 25ga DORC
- V6100-27A 27ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6100-27C* 27ga Quantel®
- V6100-27E* 27ga Nidek Thread
- V6100-27J* 27ga DORC

**Curved Laser Probe** (10/box, sterile, disposable)
- V6105-20A* 20ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
- V6105-20C* 20ga Quantel®
- V6105-20E* 20ga Nidek Thread
- V6105-20J* 20ga DORC

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

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

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*Registered trademarks are the property of their respective owners
*Built to order

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

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

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</tr>
<tr>
<td>V6315-25JR*</td>
<td>V6315-25JV</td>
</tr>
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</table>

Illumination Adapters

For use with Photon™ (R) Endoprobes
- RLP-Q: Alcon® Accurus® or Constellation® illumination adapter
- RLP-S: Stellaris® illumination adapter
- RLP-U: DORC® Eva illumination adapter
- RLP-V: Oertli® OS4 illumination adapter

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* built to order
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

Basket handle

Skinny handle

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

<table>
<thead>
<tr>
<th>Steerable™</th>
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</table>

* Registered trademarks are the property of their respective owners
* built to order
MultiFlex™ 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.

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
- Features stiffening technology that uses a self-retracting/telescoping stiffening sleeve to make 27ga instruments 55X stiffer and 25ga instruments 22X stiffer than traditional instruments (US patents #9,138,346 and #9,757,274)

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

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

V6510-25C-S* V6510-25C* 25ga Quantel®
V6510-25E-S* V6510-25E* 25ga Nidek Thread
V6510-25J-S* 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®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905
V6510E-23C* 23ga Quantel®
V6510E-23E* 23ga Nidek Thread
V6510E-23J* 23ga DORC

V6510E-25A 25ga Iridex®/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
*built to order
### MultiFlex™ Inverted Laser Probe (10/box, sterile, disposable)
Fixed fiber, moving shaft. The fiber is curved toward the actuation button.

#### Stiff MultiFlex™ MultiFlex™

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>Compatibility</th>
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<tr>
<td>V6520-23A</td>
<td>MultiFlex™</td>
<td>23ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905</td>
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<td>25ga Quantel®</td>
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<td>25ga Nidek Thread</td>
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<td>V6520-25J-S*</td>
<td>V6520-25J*</td>
<td>25ga DORC</td>
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### MultiFlex™ Inverted Extendable Laser Probe (10/box, sterile, disposable)
Moving fiber, fixed shaft. The fiber is curved toward the actuation button.

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<td>23ga Iridex®/Alcon®/Coherent®/Zeiss®/Ellex®/SMA905</td>
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<tr>
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<td>23ga DORC</td>
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<td>25ga Quantel®</td>
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<td>25ga Nidek Thread</td>
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<td>V6520E-25J*</td>
<td></td>
<td>25ga DORC</td>
</tr>
</tbody>
</table>

* Registered trademarks are the property of their respective owners
* built to order
Endoilluminators

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

**Photon™/Photon™ II**
- V2000-20R* 20ga
- V2000-23R 23ga
- V2000-25R 25ga

**Stiff Light Pipe**
- V2000-27R 27ga

**Oertli OS4**
- V2000-20V* 20ga
- V2000-23V* 23ga
- V2000-25V* 25ga
- V2000-27V* 27ga

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

**Photon™/Photon™ II**
- V2010-20R* 20ga
- V2010-23R 23ga
- V2010-25R 25ga
- V2010-27R* 27ga

**Brilliant™ 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

**Brilliant™ 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-Q** Alcon® Accurus® or Constellation® illumination adapter
- **RLP-S** Stellaris® illumination adapter
- **RLP-U** DORC® Eva illumination adapter
- **RLP-V** Oertli® OS4 illumination adapter

*Registered trademarks are the property of their respective owners
*Built to order
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>
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</tbody>
</table>

Illumination Adapters
For use with Photon™ (R) Endoilluminators
- RLP-Q Alcon® Accurus® or Constellation® illumination adapter
- RLP-S Stellaris® illumination adapter
- RLP-U DORC® Eva illumination adapter
- RLP-V Oertli® OS4 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
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 shorten cycle time for intravitreal injections and reduce patient discomfort
V7911
Gemcision™ Scleral Buckling Blades *patent pending*

- 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
**Reversible 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>
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<tbody>
<tr>
<td>VP3500-20 20ga</td>
<td>VP3500B-20 20ga</td>
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<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>
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### Traditional Designs

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

<table>
<thead>
<tr>
<th>VP3501-20 20ga</th>
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<tbody>
<tr>
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<tr>
<td>VP3501-25 25ga</td>
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<tr>
<td>VP3501-27 27ga</td>
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**Morris ILM Pick**
A retina shape-conforming pick with a fine point

<table>
<thead>
<tr>
<th>VP3502-20 20ga</th>
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</thead>
<tbody>
<tr>
<td>VP3502-23 23ga</td>
</tr>
<tr>
<td>VP3502-25 25ga</td>
</tr>
<tr>
<td>VP3502-27 27ga</td>
</tr>
</tbody>
</table>
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
Disposable Iris Retractors (sterile, disposable)
- D4176-2  2 sets of 5 hooks
- D4176-5  5 sets of 5 hooks
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-Tube™ (patent #9,775,943) improves the instrument’s ability to move soft tips through valved cannulas.

**Tano Polisher** (5/box, sterile, disposable)
Japanese-designed polisher/scaper, with T-Tube™ and Black Silicone™.

- DV1014-20  20ga
- DV1014-23  23ga
- DV1014-25  25ga
- DV1014-27  27ga

**Maeno-Awh Super Manipulator** (5/box, sterile, disposable)
A silicone tip with a ball on the end designed to transplant ILM into macular hole, with T- Tube™ and Black Silicone™.

- DV1030-20*  20ga
- DV1030-23  23ga
- DV1030-25  25ga
- DV1030-27*  27ga

* built to order
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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#### Round Sleeves

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#### Silicone Strips

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#### Meridional Implants

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### Silicone Sponges

#### Round

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#### Oval/Oblong

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</tr>
</tbody>
</table>

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**Watzke Sleeve Spreader Forceps - STAINLESS STEEL**

3505 Stainless steel, 144.5mm length