Table of Contents

VITRECTOMY SOLUTIONS FOR ANY PRACTICE  |  4
Practices come with a wide range of types and sizes, and we have a system for any one of them, as well as a full complement of accessories. Whether you prefer the Stellaris PC’s procedural versatility and easily navigable graphic interface, or the VersaVIT’s intuitive functionality, we have a vitrectomy system that fits perfectly in your practice.

INSTRUMENTATION  |  22
Our extensive selection of instrumentation offers something for everyone. Whether you need single-use, reusable, or a combination of both, we have high-quality instruments with an extensive portfolio of innovatively designed tips. And since each instrument is engineered to meet our rigorous standards, you can expect great performance with every use.

LASER PROBES  |  38
By listening to and working with the most talented retinal surgeons in the world, we understand the importance of building our laser probes to exacting specifications. Our research and development team designed our probes with you in mind, because your satisfaction is our single most important goal.

ILLUMINATION  |  42
Beginning with the PHOTON, the light source that changed the way you illuminated retinal surgery, to the versatility of our numerous endoilluminators and chandeliers, we can help you see surgery in a different light. Although high-performing instruments make a big difference, you are the most important part of surgery, so we have created all of our illumination products with the goal of helping you perform your best.

OTHER PRODUCTS  |  48
ENHANCED RESEARCH AND DEVELOPMENT

Because retinal surgery is always changing, we are dedicated to staying ahead of the curve. With a unique combination of talent and resources, we constructed our integrated research and development team to do just that. By preparing for what will come, rather than reacting to what has already happened, we are striving to change the way you approach surgery.
VITRECTOMY
Hardware + Accessories

**Stellaris®PC**
BL14304
- Combined System with integrated 532nm laser, includes 2 lamp modules
- (Xenon and/or Mercury/Xenon).

BL14334
- Combined System without integrated 532nm laser, includes 2 lamp modules (Xenon and/or Mercury/Xenon).

**Stellaris®PC Zero Level Bottle Hanger**
BL4363 Dual Bottle Hanger

**Integrated Foot Pedal**
BL2295

**Auxiliary footpedal for LiO use**
BL2296

**Integrated Foot Pedal**

**Accessories**
BL4390 Foot Control Battery
BL4391 Foot Control Wall Charger
BL4393 Foot Control Charging Cradle
BL4394 Foot Control Power Cable
Fragmentation Handpiece
BL3270

Stellaris® Phaco Handpiece
BL3170
• Needle and sleeve not included

Xenon Lamp Replacement
BL3320

Mercury Lamp Replacement
BL3321

Fragmentation Needle 15 deg
20G BL5275
• Single use

Fragmentation Needle 15 deg
20G MVS1600A
• Reusable

Fragmentation Needle 30 deg
23G BL5277
• Single use

Stellaris®PC/Stellaris® Mayo Tray Adapter
BL4364

Laser filters
BL3236 Zeiss Fixed ESF
BL3240 Zeiss 2 position filter ESF
BL3245 Moeller Wedel Fixed ESF
BL3241 Leica 2 position filter ESF
BL3247 Leica 4-way filter
BL3237 Leica Fixed ESF
BL3239 Laser filter ESF Mount Topcon
BL3242 Adaptor for fitting of 2 position filters
BL3246 LIO Replacement Bulb
BL3234 Laser On/Off Keys (1 set)

Laser Safety Goggles
BL3235

Interlock bypass connector kit
BL3244

Laser Upgrade kit
BL2272

Dual LIO
BL2298
Stellaris® PC Combined X Surgical Packs with AFI (Air Forced Infusion)

20G Combined Pack
BL5520WX
Pack Includes:
A 20G Vitrectomy Cutter
B 20G Wide angle light pipe
C 20G MVR knife
D Scleral plug package - 19 and 20

23G Combined Pack
BL5523WVX
Pack Includes:
A 23G Vitrectomy Cutter
B 23G Wide angle light pipe
C 23G Valved ESA System
D 23G Scleral plugs

25G Combined Pack
BL5525WVX
Pack Includes:
A 25G Vitrectomy Cutter
B 25G Wide angle light pipe
C 25G Valved ESA System
D 25G Scleral plugs

All the above packs come with the items below.
1 Cassette with AFI tube assembly
2 Second Aspiration Line
3 Irrigation Line
4 Drapes for Mayo tray, screen and remote control
5 Cassette stopper
6 Priming tray
7 Male luer coupler
8 Irrigation sleeves x 2
9 Needle wrench
10 Pre-piercing spike assembly
Stellaris®PC Combined X Surgical Packs (Gravity)

20G Combined Pack
BL5320WX
Pack Includes:
A 20G Vitrectomy Cutter
B 20G Wide angle light pipe
C 20G MVR knife
D Scleral plug package - 19 and 20

23G Combined Pack
BL5323WVX
Pack Includes:
A 23G Vitrectomy Cutter
B 23G Wide angle light pipe
C 23G Valved ESA System
D 23G Scleral plugs

25G Combined Pack
BL5325WVX
Pack Includes:
A 25G Vitrectomy Cutter
B 25G Wide angle light pipe
C 25G Valved ESA System
D 25G Scleral plugs

All the above packs come with the items below.
1 Cassette with combined gravity tube assembly
2 Second Aspiration Line
3 Irrigation Line
4 Drapes for Mayo tray, screen and remote control
5 Cassette stopper
6 Priming tray
7 Male luer coupler
8 Irrigation sleeves x 2
9 Needle wrench
Stellaris®PC Posterior X Surgical Packs with AFI (Air Forced Infusion)

20G Posterior Pack
BL5420WX
Pack Includes:
A 20G Vitrectomy Cutter
B 20G Wide angle light pipe
C 20G MVR knife
D Scleral plug package - 19 and 20

23G Posterior Pack
BL5423WX
Pack Includes:
A 23G Vitrectomy Cutter
B 23G Wide angle light pipe
C 23G Valved ESA System
D 23G Scleral plugs

25G Posterior Pack
BL5425WX
Pack Includes:
A 25G Vitrectomy Cutter
B 25G Wide angle light pipe
C 25G Valved ESA System
D 25G Scleral plugs

All the above packs come with the items below.
1 Cassette with AFI tube assembly
2 Second Aspiration Line
3 Irrigation Line
4 Drapes for Mayo tray, screen and remote control
5 Cassette stopper
6 Priming tray
7 Male luer coupler
8 Pre-piercing spike assembly
Stellaris®PC Posterior X Surgical Packs (Gravity)

20G Posterior Pack
BL5220WX
Pack Includes:
A 20G Vitrectomy Cutter
B 20G Wide angle light pipe
C 20G MVR knife
D Scleral plug package - 19 and 20

23G Posterior Pack
BL5223WVX
Pack Includes:
A 23G Vitrectomy Cutter
B 23G Wide angle light pipe
C 23G Valved ESA System
D 23G Scleral plugs

25G Posterior Pack
BL5225WVX
Pack Includes:
A 25G Vitrectomy Cutter
B 25G Wide angle light pipe
C 25G Valved ESA System
D 25G Scleral plugs

All the above packs come with the items below.
1 Cassette with gravity tube assembly
2 Second Aspiration Line
3 Irrigation Line
4 Drapes for Mayo tray, screen and remote control
5 Cassette stopper
6 Priming tray
7 Male luer coupler
Valved Trocars

23G ESA Kit-Valved
BL5281
• Includes infusion cannula, tubing and plugs
• (Kit of 3)

25G ESA Kit-Valved
BL5282
• Includes infusion cannula, tubing and plugs
• (Kit of 3)

Single Trocar-Valved
23G BL5283
25G BL5285

Replacement Valves
23G BL5284
25G BL5286

Non-Valved Trocars with Polyimide Cannulas

23G ESA SYSTEM (single ESA)
CX9123
• Includes infusion cannula, tubing and plugs

25G ESA SYSTEM (single ESA)
CX9626
• Includes infusion cannula, tubing and plugs

Cutters

20G VIT Cutter
BL5620

23G VIT Cutter
BL5623

25G VIT Cutter
BL5625

Vitrectomy Handle Extension
BL3394
• Box of 12

MVR Knives

Laseredge®
19G E7519 A: 31.8mm B: 1.5mm C: 3.1mm
20G E7520 A: 31.8mm B: 1.2mm C: 2.4mm
23G E7523 A: 31.8mm B: 0.6mm C: 1.6mm
25G E7525 A: 31.8mm B: 0.5mm C: 1.0mm
VitreoRetinal Tamponades (Gas)

**Universal Gas Kit**
TR906061

**Cylinder Stand**
TR9066

**Standard Regulator**
TR9085

**10 Dose Cylinder of SF$_6$**
TR9088

**10 Dose Cylinder of C$_3$F$_8$**
TR9089

**Infusion Cannula and Infusion Tubing**
- 20G MVS1038A 4mm
- 23G MVS1069 6mm reusable
- 25G MVS1070 6mm reusable

**Adato® Sil-Oil 5000 centiStokes**
- ES5000S
  - 10 mL
  - Syringe to be used with CX5720

**Viscous Fluid Extraction Kits**
CX5710

**Viscous Fluid Injection Kits for Oxane Range**
CX5720

ESA valved cannula system designed to deliver improved performance and enhanced surgeon control
Stellaris® PC Illumination Disposables

Focal
20G BL5720
23G BL5723
25G BL5725

Midfield Endoilluminator
23G BL5823M
25G BL5825M
27G BL5827M

Diffuse Widefield Endoilluminator
20G BL5820D
23G BL5823D
25G BL5825D

Wide Angle Endoilluminator
20G BL5820
23G BL5823
25G BL5825

Oshima Vivid Chandelier
27G BL5237S

Adjustable Chandelier
23G BL5234
25G BL5235
• Trocar/cannula ordered separately

Dual Infusion Kit
BL5280

DigiFlowTM Tubing
D4600A
Stellaris®PC Laser Disposables

Standard Laser Probe
20G BL5290 STD. Laser PROBE Straight
23G BL5293 STD. Laser PROBE Straight
25G BL5295 STD. Laser PROBE Straight

Curved Standard Laser Probe
20G BL5290C STD. Laser PROBE Curved
23G BL5293C STD. Laser PROBE Curved
25G BL5295C STD. Laser PROBE Curved

Illuminated Laser Probe
20G BL5290L ILL. Laser PROBE Straight
23G BL5293L ILL. Laser PROBE Straight
25G BL5295L ILL. Laser PROBE Straight

Stellaris®PC Bipolar Instruments + Accessories

Bipolar Eraser
23G E7930 Tapered, Lemosa type connector
23G E7931 Tapered, 2-pin connector
25G E7924 Tapered, 2-pin connector
25G E7925 Blunt, 2-pin connector

Banana Plug Adapter
CX9404 • Reusable

Bipolar Cord
CX9400 • Reusable

Curved Illuminated Laser Probe
20G BL5290LC ILL. Laser PROBE Curved
23G BL5293LC ILL. Laser PROBE Curved
25G BL5295LC ILL. Laser PROBE Curved

Standard Aspirating Laser Probe
20G BL5290ASPH Hard Tip asp. Laser PROBE
23G BL5293ASPH Hard Tip asp. Laser PROBE

Soft-tip Aspirating Laser Probe
20G BL5290ASP Soft Tip asp. Laser PROBE S
23G BL5293ASP Soft Tip asp. Laser PROBE S

Bipolar Cord, Lemo Connector
CX9430
• Reusable

Bipolar Cord with Banana Plugs
S2050B
• Reusable

Bipolar Cord with Banana Plugs
S2070C
• Single use

Bipolar Cautery
23G 53.00.23
25G 53.00.25
27G 53.00.27
• Fully disposable intraocular cautery.
• Single piece design includes handpiece and cord.
• Used with CX9404
• Sterile, 6/box
VersaVIT™ 2.0 Vitrectomy Machine + Accessories

VersaVIT™ 2.0 Vitrectomy Machine

VERSAVIT
Welcome to a new age in surgical innovation: VersaVIT™ 2.0
The sophisticated VersaVIT 2.0 system delivers the functionality of a traditional vitrectomy machine in a more compact, efficient and cost-effective way. Designed for optimum performance and easy usability in any setting, VersaVIT 2.0 is the ideal vitrectomy system for your hospital operating room, ambulatory surgery center or even private practice.

Technology
- 6,000 CPM
- Duty cycle control
- Dual LED illumination outputs
- Pressurized infusion
- Reflux

Efficiencies
- Delay-free start
- Quick and easy setup
- Minimal learning curve
- Simple to operate
- No digital screens to navigate
- Portable at 25lbs (11.3kg) with a built-in handle for easy moving between operating rooms or facilities
- Multiple pack options to meet your facility’s needs

Owner’s Manual
VVITOME

Adapter Hose — Y Connector
VVITAHOSE-Y

Adapter Hose Extended
VVITAHOSE-E

Replacement Fuse
VVITFUSE-1.0  1 Amp
VVITFUSE-2.0  2 Amp
VVITFUSE6.3A  6.3 Amp
VVITFUSE12A  12 Amp

Travel Case
VVITCASE

Bi-Polar Machine — Kirwan
VVITBIPOL20

Bi-Polar Machine — BVI
221340

Foot Pedal Adapter — BVI
BVIBIPOLADP

Foot Pedal Adapter — Kirwan
VVITBPADP
Standard Procedure Pack

Standard Pack w/VersaVIT™ Midfield

<table>
<thead>
<tr>
<th>Pack Includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Vitrectomy Cutter</td>
</tr>
<tr>
<td>• Cassette</td>
</tr>
<tr>
<td>• 3cc Syringe</td>
</tr>
<tr>
<td>• 3-Way Stopcock</td>
</tr>
<tr>
<td>• Screen Drape</td>
</tr>
<tr>
<td>• Adapter Kit</td>
</tr>
<tr>
<td>• Light Pipe</td>
</tr>
<tr>
<td>• Valved Port Entry System (except 20G)</td>
</tr>
<tr>
<td>• Soft Tip Cannula (except 20G)</td>
</tr>
<tr>
<td>• Adjustable Gas-Pressured Infusion Tubing</td>
</tr>
<tr>
<td>• Extrusion Tubing</td>
</tr>
<tr>
<td>• MVR Blade (20G only)</td>
</tr>
</tbody>
</table>

Standard Pack w/PHOTON Widefield

<table>
<thead>
<tr>
<th>Pack Includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Vitrectomy Cutter</td>
</tr>
<tr>
<td>• Cassette</td>
</tr>
<tr>
<td>• 3cc Syringe</td>
</tr>
<tr>
<td>• 3-Way Stopcock</td>
</tr>
<tr>
<td>• Screen Drape</td>
</tr>
<tr>
<td>• Adapter Kit</td>
</tr>
<tr>
<td>• Light Pipe</td>
</tr>
<tr>
<td>• Valved Port Entry System (except 20G)</td>
</tr>
<tr>
<td>• Soft Tip Cannula (except 20G)</td>
</tr>
<tr>
<td>• Adjustable Gas-Pressured Infusion Tubing</td>
</tr>
<tr>
<td>• Extrusion Tubing</td>
</tr>
<tr>
<td>• MVR Blade (20G only)</td>
</tr>
</tbody>
</table>

Core Essential + Core Essential Biopsy Vitrectomy Packs

Core Essentials™ Pack

<table>
<thead>
<tr>
<th>Pack Includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Vitrectomy Cutter</td>
</tr>
<tr>
<td>• Cassette</td>
</tr>
<tr>
<td>• 3cc Syringe</td>
</tr>
<tr>
<td>• 3-Way Stopcock</td>
</tr>
<tr>
<td>• Screen Drape</td>
</tr>
<tr>
<td>• Adapter Kit</td>
</tr>
</tbody>
</table>

Core Essentials™ Biopsy Pack

<table>
<thead>
<tr>
<th>Pack Includes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Vitrectomy Cutter</td>
</tr>
<tr>
<td>• Cassette</td>
</tr>
<tr>
<td>• 3cc Syringe</td>
</tr>
<tr>
<td>• 3-Way Stopcock</td>
</tr>
<tr>
<td>• Screen Drape</td>
</tr>
<tr>
<td>• Adapter Kit</td>
</tr>
<tr>
<td>• Biopsy Vial Kit</td>
</tr>
</tbody>
</table>
Vitrectomy Accessories

**Adjustable Gas-Pressurized Infusion Tubing Set**
17565-10
- Includes 1 prespike and 2 stopcocks
- 6/box

**Kirwan Cautery Unit**
VITBIPOL20
- 20 watt bi-polar coagulator
- Adjustable display and tone settings
- Controlled by VersaVIT 2.0™ foot pedal with VVITBPADP

**IV Standard Gravity Administration Set**
17570
- 6/box

**BVI Cautery Unit**
221340
- .5-.8.5 watt bi-polar coagulator
- Controlled RF diathermy
- Controlled by VersaVIT 2.0™ foot pedal with BVIBIPOLADP

**Fluid-Air Exchange Tubing**
17680
- 6/box

**Viscous Fluid Injection System**
VFIHP/VFIMOD
- Linear control of injection pressure through a reusable, titanium hand piece
- Maximum injection pressure of 100 psi (as dictated by facility’s medical gas supply regulator)
- Custom sterilization tray included
- For use with Synergetics® VFI packs

**Extrusion Tubing Set**
17580
- 6/box
### Viscous Fluid Injection Pack
- **19020** Polymide VFI cannulas
- **19030** Stainless Steel VFI Cannulas
- Provides the surgeon the consumables necessary to perform viscous fluid injection: syringe, plunger rod, piston, syringe tip cap, injection airline and VFI cannulas (20ga, 23ga and 25ga)
- For use with Synergetics® VFI System
- Sterile, 6/box

### VersaVIT™ Midfield Endoilluminator
- **20G** 56.65
- **23G** 56.65.23
- **25G** 56.65.25
- **27G** 56.65.27

### Silicone Oil Collection Chamber
- **30.90**
- Silicone tip allows for removal of 1000-5000 cSt silicone oil through an existing instrument cannula
- Extrusion controlled via foot pedal
- 15mL collection chamber volume
- Sterile, 6/box

### Port Entry System 20ga
- **20G** 58.20-6
  - Polymide valved cannula
  - Single packed

### Port Entry System w/ Valves
- **23G** 58.23STHV
- **25G** 58.25STHV
  - Set of 3

### Vitrectomy Cutter
- **23G** 70933
- **25G** 70935
  - For use with VersaVIT 2.0™
  - 6,000 CPM
VersaPACK™ for use with Alcon Accurus

**Standard Pack**
- 20G 20020S
- 23G 20023S
- 25G 20025S
- 27G 20027S

**Pack Includes:**
- Vitrectomy Cutter
- Cassette
- 20cc Syringe
- 3-Way Stopcock
- Screen Drape
- Adapter Kit
- Widefield Light Pipe
- Extrusion Tubing
- Gravity-Based IV Set
- Port Entry System (except 20G)
- MVR Blade (20G only)

**Efficiency Pack**
- 20G 20020E
- 23G 20023E
- 25G 20025E
- 27G 20027E

**20G Pack Includes:**
- Vitrectomy Cutter
- Cassette
- 20cc Syringe
- 3-Way Stopcock
- Screen Drape
- Adapter Kit
- Infusion Line
- Scleral Plugs
- Extrusion Line

**23G, 25G and 27G Packs Include:**
- Vitrectomy Cutter
- Cassette
- 20cc Syringe
- 3-Way Stopcock
- Screen Drape
- Adapter Kit
- Extrusion Line
VersaPACK™ Accessories for use with Alcon Accurus

**Widefield Endoilluminator**
- 20G 56.21P
- 23G 56.21.23P  
- 25G 56.21.25PS

**Midfield Endoilluminator**
- 20G 56.22P
- 23G 56.22.23P
- 25G 56.22.25P

**Focal Endoilluminator**
- 20G 56.02P
- 23G 56.02.23P
- 25G 56.02.25PS

**Port Entry System w/ Valves (set of 3)**
- 23G 58.23STHV
- 25G 58.25STHV

**Adjustable Gas-Pressurized Infusion Tubing**
- 17565-10

**Standard Gravity IV Administration Tubing**
- 17570

**Fluid-Air Exchange Tubing**
- 17680

**Vitrectomy Cutters**
- 23G 16933
- 25G 16935
INSTRUMENTATION
Handle Designs

Pinnacle 360°™
PIN
Pinnacle 360° is our line of fully disposable, hand-held retinal surgical instruments. As its name suggests, the Pinnacle 360° product line provides high quality and value. With Pinnacle 360°, surgeons can expect consistent performance in a variety of applications.

- Offers wide variety of disposable tip options
- Fully disposable
- 360° actuation to approach the retina from any angle
- Ergonomic design to reduce fatigue
- Color coded handles for gauge identification
- 20ga, 23ga, 25ga, 27ga, Foreign Body

Premium

Our fully reusable Premium line delivers consistency and performance. Surgeons enjoy the familiar comfort and reliability of knowing their tools will provide the same level of performance day in and day out.

- Large and small handle options
- Add “S” to the end of catalog number to order small handle
- Blackened stainless steel tips to reduce glare
- Etched serial numbers for quick and easy identification
- Linear closure
- Microserrations™ offered for select tip styles
- 18ga, 19ga, 20ga, 23ga, 25ga

Syntrifugal™ Handle and Disposable Tips
D00.01SL, D00.01SS
The Syntrifugal line provides surgeons with the best of both worlds — a reusable titanium handle with a disposable tip. Surgeons enjoy consistent tactile feel with the freedom to choose from a comprehensive selection of disposable tips.

- Large and small handle options
- Handle design that allows the tip to rotate 360°
- 20ga, 23ga, 25ga, 27ga

PIN
Pinnacle 360°™
D Disposable Tip used with Syntrifugal Handle
# ONLY Premium reusable instrument
**ILM**

**Eckardt Forceps**
- 20G: D 39.08; 39.28
- 23G: D 39.08.23; 39.28.23
- 25G: D 39.08.25; 39.28.25
- 27G: D 39.08.27

**End Grasping Forceps**
- 20G: 09.12PIN
- 23G: 09.12.23PIN
- 25G: 09.12.25PIN

**Fine Tip Eckardt Forceps**
- 20G: 09.10
- 23G: D 39.10.23; 09.10.23
- 25G: D 39.10.25; 09.10.25

**Lambert ILM Forceps**
- 20G: 09.26

**Microserrated™ End Grasping Forceps**
- 23G: D 39.12.23PIN
- 25G: D 39.12.25PIN

**Morris/Witherspoon Fullview ILM Forceps**
- 20G: D 09.40; 09.50
- 25G: D 09.40.25; 09.50.25

**Pincer End Grasping Forceps**
- 20G: 11.28
- 23G: 11.28.23

**Pointed Micro Forceps**
- 20G: 11.23
- 23G: 11.23.23

**Tano Asymmetrical Micro Forceps**
- 20G: D 09.04; 09.23
- 23G: D 39.03.23; 39.23.23
- 25G: D 39.03.25; 39.23.25
- 27G: D 39.03.27

---

PIN Pinnacle 360™ 
D Disposable Tip used with Syntrifugal Handle 
# ONLY Premium reusable instrument

DISPOSABLES STERILE, 5/BOX
ILM

Microserrated™ Snub Nosed Forceps
23G 39.18.23PIN

Tano Asymmetrical Peeling Forceps
20G 39.24

Heavy Membrane

End Gripping Forceps
20G 11.21

Pyramid Tip Forceps
20G 11.04PIN, 11.24
23G 11.04.23PIN
25G 11.04.25PIN

Serrated Jaw Forceps
20G 11.06PIN, 11.26
23G 11.06.23PIN
25G 11.06.25PIN

Dual Purpose

Apte Corset Forceps
23G 39.07.23PIN, 39.27.23
25G 39.07.25PIN, 39.27.25

Microserrated™ Tewari Omnicep Forceps
23G 39.15.23PIN, D39.15.23
25G 39.15.25PIN, D39.15.25
27G 39.15.27PIN

Foreign Body

BB Removal Forceps
18G 11.40PIN, 11.40

Foreign Body Forceps
19G 11.20PIN, 11.20

IO Foreign Body Magnet
18G 12.21PIN, 12.21
Pick Forceps

De Juan/Tano Serrated Pick Forceps
20G 11.22

Ducournau Serrated Forceps
20G D29.02, 29.22
23G 29.22.23

Pick Forceps
20G 09.05PIN, 09.25
23G 09.05.23PIN, 09.25.23
25G 09.05.25PIN, 09.25.25

Vertical Forceps
23G 11.41.23

Scissors

Horizontal Scissors 1.3mm Blades 55°
20G 23.25

Horizontal Scissors 2.5mm Blades 55°
20G 23.22

Horizontal Scissors Curved
20G 23.76PIN, D23.76
23G 23.76.23PIN, D23.76.23
25G 23.76.25PIN, D23.76.25

Horizontal Scissors Large Curved
20G 23.21

Horizontal Scissors Medium Curved
20G 23.26
23G 23.26.23
25G 23.26.25
Scissors

**Horizontal Scissors**
Small Curved
20G 23.27

**Microserrated™ Horizontal Scissors Medium Curved**
20G 23.56
23G 23.56.23
25G 23.56.25

**Morris Vertical Scissors**
20G 10.24PIN, 10.24
23G 10.24.23PIN, 10.24.23
25G 10.24.25PIN, 10.24.25

**Straight Scissors**
20G 23.29
23G 23.29.23

**Sweeper Scissors 1.7mm 55°**
20G 23.28

**Tano Vertical Scissors**
20G 10.23

**Vertical Scissors**
20G 10.21

**Witherspoon Vertical Scissors**
20G 10.25
Subretinal

Lambert Horizontal Subretinal Sweeper Scissors
20G 23.24

Thomas Horizontal Subretinal Forceps
20G 39.21

Thomas Horizontal Subretinal Scissors 135°
20G 23.23

Thomas Vertical Subretinal Forceps
20G 21.21

Myopic

Fine Tip Eckardt Forceps
23G 09.10.23PIN-M
25G 09.10.25PIN-M
• 37mm

Microserrated™ Tewari Omnicep Forceps
23G 39.15.23PIN-M
25G 39.15.25PIN-M
• 37mm
## Illuminated Disposables

### Microfiber Illuminated Vitrector Sleeve
20G 56.61P

![Microfiber Illuminated Vitrector Sleeve](image)

### Microfiber Illuminated Vitrector
20G 56.61PV

![Microfiber Illuminated Vitrector](image)

### Irrigting Illuminated Capone Pick
20G 56.44P

![Irrigting Illuminated Capone Pick](image)

### Illuminated Capone/Rizzo Pick
23G 56.45.23P

![Illuminated Capone/Rizzo Pick](image)

### Illuminated Membrane Rake
23G 56.46.23P

![Illuminated Membrane Rake](image)
Illuminated

Illuminated End Gripping Forceps
20G 34.22

Illuminated Horizontal Scissors
20G 35.22

Illuminated Horizontal Scissors Small Curved
20G 35.26

Illuminated Micro Forceps
20G 34.21

Microserrated™ Illuminated End Gripping Forceps
20G 64.22
### Scleral Markers

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Awh Sutureless</strong></td>
<td>51.20</td>
<td>Marked at 3mm and 4mm</td>
</tr>
<tr>
<td><strong>Awh</strong></td>
<td>51.35</td>
<td>Marked at 3mm and 4mm</td>
</tr>
<tr>
<td><strong>Awh Horseshoe</strong></td>
<td>51.45</td>
<td>Marked at 3mm and 4mm, specifically designed to stabilize cannula</td>
</tr>
<tr>
<td><strong>Chow</strong></td>
<td>51.25</td>
<td>Marked at 3mm and 4mm</td>
</tr>
</tbody>
</table>

### Reusable Picks And Spatulas

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rice ILM Elevator 127°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 20.02</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23G 20.02.23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25G 20.02.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 42ga</td>
<td></td>
<td>.10mm at tip</td>
</tr>
<tr>
<td><strong>Awh Serrated Pick 135°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 20.41</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23G 20.41.23</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25G 20.41.25</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 30ga</td>
<td></td>
<td>.30mm at tip</td>
</tr>
<tr>
<td><strong>Michels’ Hook 90°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 28.21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 36ga</td>
<td></td>
<td>.20mm at tip</td>
</tr>
<tr>
<td><strong>Thomas Hyloid Lifter</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 20.03</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 42ga</td>
<td></td>
<td>.10mm at tip</td>
</tr>
<tr>
<td><strong>Shiraga Pick, 110°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 20.31</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 33ga</td>
<td></td>
<td>.20mm at tip</td>
</tr>
<tr>
<td><strong>Membrane Pick 110°, 130°, 150°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 28.01 110°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 28.02 130°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 28.03 150°</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 27ga</td>
<td></td>
<td>.41mm at tip</td>
</tr>
<tr>
<td><strong>Membrane Peeler, Spherical Tip 110°</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20G 28.04</td>
<td></td>
<td></td>
</tr>
<tr>
<td>• 30ga</td>
<td></td>
<td>.30mm at tip</td>
</tr>
</tbody>
</table>

**PIN** Pinnacle 360°™
- Disposable Tip used with Syntrifugal Handle
- # ONLY Premium reusable instrument

**D**
- Compatible with Syntrifugal system

**INSTRUMENTATION**
- 32
Reusable Picks And Spatulas

Thomas Subretinal Perforator/Spatula 36ga 131°
20G 20.01
• 36ga
• .10mm at distal tip

Irrigating Spatula 120°
20G 28.30
• 24ga
• .55mm at tip

Thomas Blunt 36ga Subretinal Perforator Spatula 131°
20G 20.30
• 36ga
• .20mm at tip

Michels’ Spatula 90°
20G 28.22
• 22ga
• .71mm at tip

Lewis 33ga Subretinal Perforator 90°
20G 26.01
• 36ga
• .20mm at tip

Rounded Tip Spatula 140°
20G 28.07

Membrane Rake, Flat Tip 140°
20G 28.05 Flat tip
20G 28.06 Curved tip

Lewis 33ga Subretinal Perforator 135°
20G 27.01
• 36ga
• .20mm at tip

Stellaris® PC Single Use VitreoRetinal Membrane Pick
23G SUK01
25G SUK02

PIN Pinnacle 360°™ D Disposable Tip used with Syntrifugal Handle # ONLY Premium reusable instrument
## Reusable Cannulas And Needles

### Reflux Handle
31.00
- For use with products 30.01–30.09 and 30.76

### Universal Soft Tip
30.10
30.10.23
- Reusable Soft Tip with extendable silicone tip

### Blunt Extrusion Needle
20G 30.01

### Tapered Blunt Extrusion Needle
20G 30.02
- Tapers to 27ga
- .40mm tip

### Brush Cannula Tip, Curved
20G 30.07

### Soft Tip Cannula
20G 30.08

### Resnick Subretinal Fluid Drainage Needle
25G 30.09
- 2.5mm long 1mm bevel

### Metal Locking Luer-Hub Needle
- With products in this section

### Replacement Reflux Reservoir
31.01 2/box,
31.02 10/box

### Thomas Subretinal, 30ga Needle
20G 02.03
- 30ga
- .30mm tip
### Chang Perfluorocarbon Cannula
- 20G 08.01
- 25ga
- .50mm tip

### Thomas Subretinal, 33ga Cannula
- 20G 13.01
- 33ga
- .20mm tip

### Lewis Subretinal, 33ga TPA Cannula 90°
- 20G 15.01
- 33ga
- .20mm tip

### Thomas Subretinal, 33ga Sharp Bent Cannula
- 20G 12.01
- 33ga
- .20mm tip

### Lewis Subretinal, 33ga TPA Cannula 135°
- 20G 14.01
- 33ga
- .20mm tip

---

### Disposable Backflush Instruments

#### Disposable Backflush Handle

---

### Soft Tip
- 20G D31.08
- 23G D31.08.23
- 25G D31.08.25
- 5/box

---

### Blunt Tip
- 20G D31.01
- 5/box

---

### Brush Tip
- 20G D31.06
- 5/box

---

**PIN** Pinnacle 360°™ **D** Disposable Tip used with Syntrifugal Handle **# ONLY** Premium reusable instrument
### Disposable Cannulas And Needles

#### Rigid Micro Injection Cannula, Straight
- **20G 12.02, 12.03**
  - .10mm at tip
  - Black, disposable handle
  - 5/box

#### Rigid Micro Injection Cannula, Angled
- **20G 12.12, 12.13**
  - .10mm at tip
  - Black, disposable handle
  - 5/box

#### De Juan/Awh Subretinal Injection
- **25G 12.03.25**
  - 41ga tip
  - .10mm at tip
  - 5/box

#### Soft Tip Cannula
- **23G 30.08.23**
- **25G 30.08.25**
- **27G 30.08.27**
  - 6/box

#### Slotted Soft Tip Cannula
- **23G 30.18.23**
- **25G 30.18.25**
  - 6/box

#### Vitreoretinal Soft Tip
- **20G 30.76**
  - For use with 31.00 handle
  - 31mm tubing length
  - 3mm flexible silicone
  - 10/box

#### Transconjunctival Chow Silicone Oil Injection Cannula
- **25G 30.80.25**
  - 6/box

### Instrument Trays

#### Small
- **28.25**
  - 6" x 2" x .75"
  - 15.2cm x 5.1cm x 1.9cm
  - Holds 2 picks or 1 instrument

#### Medium
- **23102**
  - 10" x 6" x .75"
  - 25.4cm x 15.2cm x 1.9cm
  - Holds 10 picks or 6 instruments

#### Large
- **23101**
  - 15" x 10" x .75"
  - 38.1cm x 25.4cm x 1.9cm
  - Holds 25 instruments

#### Diamond Knife
- **23103**
  - 7.5" x 2.6" x .75"
  - 19.1cm x 6.6cm x 1.9cm
  - Holds 1 diamond knife
### Tip Protectors

#### Tip Protector, Handled Cannula
34.70
- Fits Synergetics® reusable handled cannula

#### Tip Protector, Handled Picks
34.71
- Fits Synergetics® handled picks

#### Tip Protector for Picks, Rakes and Spatulas
34.72
- Fits Synergetics® handled picks

#### Tip Protector, Split, Universal
34.74
- Fits Synergetics® Large and Small Squeeze handles

#### Tip Protector, Handled Picks
34.74
- Fits Synergetics® handled picks

#### Tip Protector, MPC
34.75
- Large design to fit and protect MPC

#### Tip Protector, DORC
34.76
- Replacement tip protector for your DORC instruments

#### Tip Protector, Grieshaber (Alcon)
34.77
- Replacement tip protector for your Grieshaber instruments

#### Apex™ Tip Protector
34.78
- Doubles as cleaning luer and tip protector for the APEX™ handle

### Luers And Plugs

#### Cleaning Luer
34.80
- For Synergetics® premium instruments

#### Disposable Scleral Plug
- 19G 12.40
- 20G 12.41
Vitrectomy

LASER PROBES
Directional™ Laser Probes

- **Directional™ II Laser Probe**
  - 20G 55.27
  - 23G 55.27.23
  - 25G 55.27.25
  - 27G 55.27.27

- **Directional™ Laser Probe***
  - 20G 55.26
  - 23G 55.26.23
  - 25G 55.26.25, 55.26.25S

- **Extendable Directional™ Laser Probe**
  - 20G 55.26E
  - 23G 55.26.23E
  - 25G 55.26.25E

- **Inverted Directional™ Laser Probe***
  - 20G 55.36E
  - 23G 55.36.23E
  - 25G 55.36.25E

Straight Laser Probes

- **Straight Laser Probe***
  - 20G 55.21
  - 23G 55.21.23
  - 25G 55.21.25
  - 27G 55.21.27

Curved Laser Probes

- **Flexible Tapered Laser Probe***
  - 23G 55.25.23
  - 25G 55.25.25

- **TruCurve™ Curved Laser Probe***, 37° Curve
  - 20G 55.23
  - 23G 55.23.23
  - 25G 55.23.25
  - 27G 55.23.27

**DISPOSABLES STERILE, 12/BOX**
**Illuminated Laser Probes**

**Curved Fixed Extended Illuminated Laser Probe, 37° Curve**
- 20G: 55.69P
- 23G: 55.69.23P
- 25G: 55.69.25P

**Flexible Tapered Illuminated Laser Probe**
- 23G: 55.70.23P
- 25G: 55.70.25P

**Curved Fixed Extended Widefield Illuminated Laser Probe, 37° Curve**
- 20G: 55.63P

**Illuminated Directional™ Laser Probe**
- 20G: 55.47P
- 23G: 55.47.23P
- 25G: 55.47.25P

**Curved Maxillum™ Laser Probe, 37° Curve**
- 20G: 55.29

**Illuminated Directional™ II Laser Probe**
- 23G: 55.48.23P
- 25G: 55.48.25P

**Fixed Extended Illuminated Laser Probe**
- 23G: 55.62.23P
- 25G: 55.62.25P

**Maxillum™ Illuminated Laser Probe**
- 20G: 55.22

DISPOSABLES STERILE, 12/BOX

---

Laser Source to which Synergetics® Laser Probes will Connect:
- Iridex GL / GLx / TX
- Iridex IQ 532 / IQ 577
- Alcon Eyelite
- Alcon Purepoint
- Alcon Constellation
- Bausch + Lomb Millennium®
- Bausch + Lomb Stellaris® PC
- Ellex Solitaire

*Direct Connect models available for Quantel Vira Quantel Supra and Lumenis*
Light Sources

PHOTON
PHOTON-1X  Single Port Light Source
PHOTON-2X  Dual Port Light Source

Illumination Adapters

Synergetics® Adapter
57.14 for use with Bausch + Lomb Millennium®
57.18 for use with Oertli
57.19 for use with Geuder
57.20 for use with Alcon Accurus, Xenon
57.26 for use with DORC Associate
57.27 for use with DORC Brightstar
57.30 for use with Alcon Constellation
57.40 for use with Bausch + Lomb Stellaris®PC

Replacement Bulb
PLAMP   PHOTON
P2-PLAMP  PHOTON II
Endoilluminators

Widefield Diffusion
20G  56.21P
23G  56.21.23P
25G  56.21.25P

Corona Shielded Widefield
20G  56.12P
23G  56.12.23P
25G  56.12.25P

Midfield
20G  56.22P
23G  56.22.23P
25G  56.22.25P

Vivid
20G  56.20P
23G  56.20.23P
25G  56.20.25P

Focal
20G  56.02P
23G  56.02.23P
25G  56.02.25P
27G  56.02.27P
Chandeliers

Awh Vivid
25G 56.54.25P
• Trocar/cannula included

Oshima Vivid
27G 56.54.27P
• Trocar/cannula included

Awh
25G 56.50.25P

Oshima Dual
29G 56.50.29P
• Trocar/cannula included
Illuminated Infusion Chandeliers

Standard
20G 56.30P
23G 56.30.23P
25G 56.30.25P

High-Flow
25G 56.34.25P

Multifunctional Illumination

Chow Membrane Pick
23G 56.07.23P
25G 56.07.25PS

High-Flow Irrigating Endoilluminator
19G 56.14

Illuminated Bipolar Cautery
25G 56.00.25P

Aspirating Endoilluminator
23G 56.24.23P
25G 56.24.25P
DDMS™ Diamond Dusted Membrane Scrapers

Tano
- 20G 20.04
- 23G 20.04.23
- 25G 20.04.25S
- 27G 20.04.27
  - 5/box

Stiff Tano
- 20G 20.07
  - 5/box

Retractable Tano
- 20G 20.16
- 23G 20.16.23
- 25G 20.16.25
  - 20ga — 3/box, 23ga and 25ga — 5/box

Adjustable Tano with Pick
- 20G 20.18
  - 3/box

Disposable Infusion Cannulas

4mm Tip
- 20G 30.31
  - All purpose length
  - Sterile, 5/box

High Pressure Rated 4mm Tip
- 20G 30.41
  - High pressure rated up to 100psi injection pressure
  - Sterile, 5/box

6mm Tip
- 20G 30.32
  - Ideal aphakic length
  - Sterile, 5/box

Reusable Infusion Cannulas

2.5mm Tip
- 20G 30.20
  - Ideal aphakic length
  - 1 each

4mm Tip
- 20G 30.21
  - All purpose length
  - 1 each

6mm Tip
- 20G 30.22
  - Ideal aphakic length
  - 1 each

Set of 20ga Reusable Infusion Cannulas
- 20G 30.23
  - 1 each: 2.5mm, 4mm, 6mm
**Bipolar**

**Bipolar Cautery**
- 23G 52.00.23
- 25G 53.00.25
- 27G 53.00.27
  - Sterile, 6/box

**Knives**

**Opremcak BRVO**
- 20G 52.00
  - Super-thin knife, for sheathotomy
  - Sterile, 5/box

**Opremcak CRVO**
- 20G 52.20
  - Designed for relaxing scleral ring, cribriform plate, and sclera of optic disk during radial optic neurotomy
  - Sterile, 5/box

**Iris Retractors**

**Reusable**
- 40.01-2  2/box
- 40.01-6  6/box
  - 5 retractors/set in case one is lost or damaged
  - Autoclavable up to 3 uses

**Disposable**
- 40.02-2  Sterile, 2/box
- 40.02-6  Sterile, 6/box
  - 5 retractors/set in case one is lost or damaged

**Visco Dissector**

**Hubbard Visco Dissector**
- 25G 12.06.25  28ga tip
- 27G 12.06.27  31ga tip
  - Injects viscoelastic for delaminating large membranes from the retina
  - Sterile, 6/box
I-PACK™ [Sterile, 10/box]

I-Pack Components

18060 COMPONENTS
- 1mL Tuberculin Syringe
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2” Needle
- 1 27ga 1/2” Needle
- 2 18ga 1” Needles
- 6 Cotton Swabs 6”
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18061 COMPONENTS
- 2 1mL Tuberculin Syringes
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2” Needle
- 1 27ga 1/2” Needle
- 2 18ga 1” Needles
- 6 Cotton Swabs 6”
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
- 1 Eye Drape (16” x 16”)

18064 COMPONENTS
- 2 1mL Tuberculin Syringes
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2” Needle
- 1 27ga 1/2” Needle
- 2 18ga 1” Needles
- 6 Cotton Swabs 6”
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
- 1 Eye Drape (16” x 16”)
- 1 Disposable Forceps, 4”
- 4 4” x 4” Gauze Pads

18067 COMPONENTS
- 1 30ga 1/2” Needle
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18069 COMPONENTS
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2’ Needle
- 6 Cotton Swabs 6’
- 1 Barraquer Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker

18069W COMPONENTS
- 1 Pair Synthetic Latex-Free Gloves
- 1 30ga 1/2’ Needle
- 6 Cotton Swabs 6’
- 1 Wire Eyelid Speculum, Adult
- 1 3.5-4mm Scleral Marker
## Lens Rings

<table>
<thead>
<tr>
<th>Product</th>
<th>Price</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Awh Sutureless Lens Ring</td>
<td>41.00</td>
<td>Used to stabilize a vitrectomy lens</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3 sizes/pack</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sterile, 10/box</td>
</tr>
</tbody>
</table>

## Disposable Lenses [Sterile, 10/box]

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Field of View</th>
<th>Magnification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat VFD</td>
<td></td>
<td>36°</td>
<td>1.0x</td>
</tr>
<tr>
<td>30° Prism V30PD</td>
<td>Field of view: 33° (offset 30°)</td>
<td></td>
<td>1.0x</td>
</tr>
<tr>
<td>Bi-Concave VBCD</td>
<td>Field of view: 25°</td>
<td></td>
<td>0.8x</td>
</tr>
<tr>
<td>Flat, SSV VFLATSSVD</td>
<td>Field of view: 30°</td>
<td></td>
<td>.92x</td>
</tr>
<tr>
<td>Magnifying VMD</td>
<td>Field of view: 30°</td>
<td></td>
<td>1.5x</td>
</tr>
<tr>
<td>Widefield VWFD</td>
<td>Field of view: 48°</td>
<td></td>
<td>0.5x</td>
</tr>
</tbody>
</table>
Pediatric Vitrectomy

**Infusing Instrument Cannulas**
58.2023-3MM
- 3mm shaft length
- Stainless steel cannulas
- Allows for two port PPV via 20ga sclerotomy and 23ga instrumentation

**Port Entry System**
58.23-3MM
- 3mm shaft length
- Available in 23ga
- Stainless steel cannulas

**Valved Port Entry System**
58.23-3MMV
- 3mm shaft length
- Available in 23ga
- Stainless steel cannulas with removable valve cap

Pediatric Instrumentation

**Vertical Forceps**
23G 11.41.23
- Dual function use as a forceps and spatula
- Available in reusable Premium handle configuration

**ILM Microserrated™ Snub Nosed Forceps**
23G 39.18.23PIN
- Blunt tip profile, combined with tip cleavage, allows tissue to be engaged in a fashion analogous to two rolling pins moving toward each other
- Available in disposable Pinnacle 360™ handle configuration

**Irrigating Spatula, 120°**
20G 28.30
- 24ga (.55mm) at tip
- .55mm at tip
- Reusable

**Irrigating Trese Spatula**
23G 28.30.23
- Hand-crafted tip geometry is ideal for dissection
- Glare-free finish
- Standard luer lock connection
- Reusable
- Non-cannula compatible design allows for a longer platform

**Vertical Scissors**
20G 10.24PIN
23G 10.24.23PIN
25G 10.24.25PIN
- Curved heel minimizes inadvertent contact with retina and conforms to eye
- Available in disposable Pinnacle 360™ handle configuration
Pediatric Illumination

Capone/Rizzo Pick
23G 56.45.23P
- Midfield light pattern
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON configurations

Illuminated Membrane Rake
23G 56.46.23P
- Midfield light pattern
- Identify and lift edge of epiretinal membranes
- Glare-free finish
- Available in all PHOTON configurations

2-Port Vitrectomy High-Flow Irrigating Endoilluminator
20G 56.14
- Widefield illumination
- Available in non-PHOTON configuration
- Sterile, 12/box

Irrigating Illuminated Capone Pick
20G 56.44P
- Midfield light pattern
- Semi-malleable pick may be adjusted intraocularly
- Glare-free finish
- Available in all PHOTON configurations