



Beaver-Visitec International

Ophthalmic and Microsurgical International Product Catalog

 **Beaver Visitec**
Keeping Your Vision in Sight

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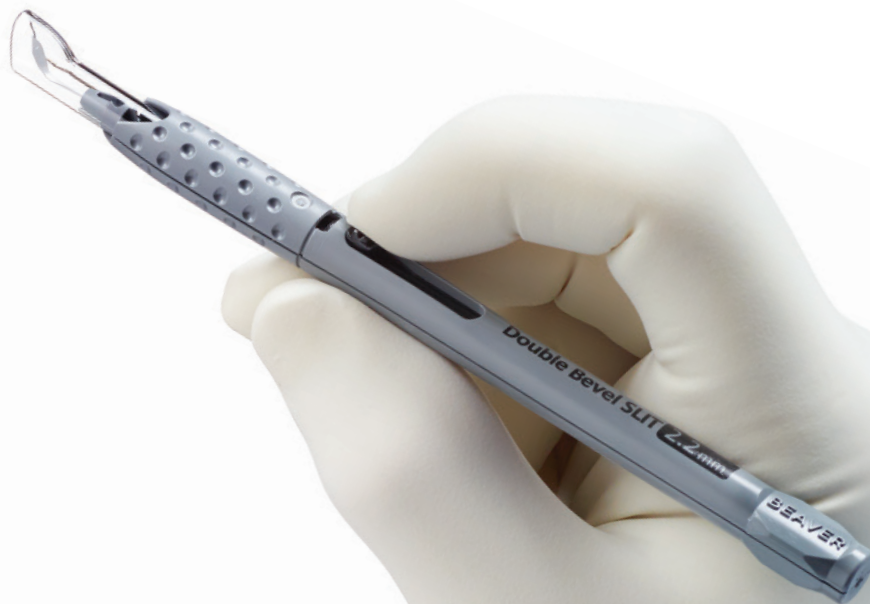
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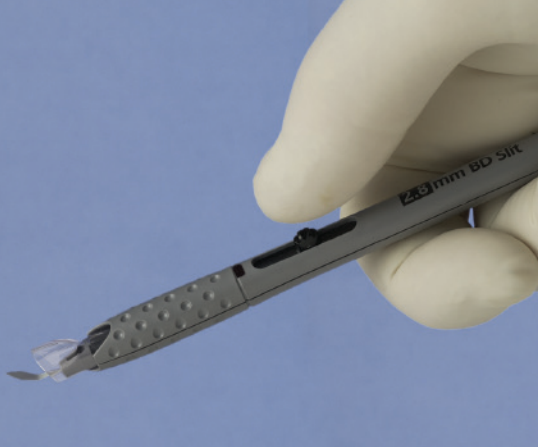
Beaver[®] Knives and Blades

Beaver is the world class leader in high-quality surgical blades distinguished by:

- Sharpness
- Consistency
- Safety



DESIGNED TO MEET
OSHA
SAFETY REQUIREMENTS



European Council Directive

Prevention from sharp injuries in the hospital and healthcare sector

Council Directive 2010/32/EU of May 10, 2010 implements the framework agreement concluded by employers and trade unions of the hospital and healthcare sector (HOSPEEM⁽¹⁾ and EPSU⁽²⁾) and aims at achieving the safest possible environment for healthcare workers through the prevention from sharps injuries.

The purpose of this Directive that was addressed to Member States of the European Union:

- To achieve the safest possible work environment.
- To prevent workers' injuries caused by all medical sharps (including needlesticks).
- To protect workers at risk.
- To set up an integrated approach establishing policies in risk assessment, risk prevention, training, information, awareness raising and monitoring.
- To put in place response and follow up procedures.

The Facts Behind the Directive:

High Prevalence

- Approximately 1.2 million needlestick/sharps injuries occur in the European Union each year.⁽³⁾
- While nurses working in acute medical situations as well as surgeons are identified as being at the highest risk, a significant proportion of such injuries are experienced by ancillary staff such as cleaners and laundry workers. Laboratory and other technical support staff are also exposed to risk.

Risk to Healthcare Workers

- Exposure incidents may result in the healthcare worker being infected by blood-borne pathogens. However HIV and hepatitis B or C are the most common risk, over 30 blood-borne pathogens may be transmitted.

The Benefit of Safety-Engineered Devices

- Besides the implementation of safer working practices, the use of safety-engineered devices, when properly activated, minimises the potential for exposure to the contaminated sharp before or immediately after the sharp leaves the site of use on the patient. Healthcare workers deserve the protection currently accorded by the now readily available safety-engineered devices.

Why It is Important for You To Achieve Safety Compliance

- The use of safety-engineered devices helps to protect you and your staff from the transmission of diseases such as HIV and HCV. Remember, *it only takes one stick*; so view safety-engineered devices as an inexpensive way to prevent injuries.
- A safe working environment helps to retain employees and instill patient confidence in your facility.
- Safety adoption will help you attain and retain compliance to the European Council Directive 2010/32/EU and associated national legislation.

⁽¹⁾ The European Hospital and Healthcare Employers' Association – Sectoral organisation representing employers

⁽²⁾ The European Federation of Public Services Unions – A European trade union organisation

⁽³⁾ http://www.efnweb.be/wp-content/uploads/2013/01/HHE_Sharps_article_PaulDeRaeve_EFN.pdf

Frequently Asked Questions

In short, what does the legislation accomplish?

The Directive will contribute to achieving the safest possible working environment in the European hospital and healthcare segment and is binding between employers and workers. It provides a framework to put in place and implement adequate and practical preventative measures in anticipation of the requested national legislation, one of these measures being the introduction of safer medical devices and associated training.

What are safer medical devices?

“Safer medical devices” (or safety medical devices) are used to help minimise injuries to healthcare workers before, during or after use, through safety-engineered design features. Examples include shielded needles or blades, retracting needles and plastic capillary tubes.

When did the new legislation take effect?

The EU Directive to prevent sharps injuries in the hospital and healthcare sector was adopted by the Council of the European Union on May 10, 2010. Member States have three years in which to transpose the Directive into national law, i.e. by May 11, 2013 at the latest.

Who has to comply?

All facilities where employees may be exposed to blood or other potentially infectious materials. “Workplaces covered include healthcare organisations/services in public and private sectors, and any other place where health services/activities are undertaken and delivered, under the managerial authority and supervision of the employer”⁽⁴⁾.

What needs to be done to be in compliance?

Put in place risk assessment procedures, and depending on the results of the risk assessment:

- Specify, implement and regularly reassess safe procedures for use and disposal of sharp medical instruments and contaminated waste.
- Eliminate the unnecessary use of sharps by implementing changes in practice and providing safety-engineered medical devices.
- Ban the practice of recapping.

- Position effective disposal procedures and clearly marked safe containers for the handling of disposable sharps and injection equipment adequately.
- Implement safe systems of work.
- Arrange for personal protective equipment to be used.
- Offer vaccination.

Take information and awareness-raising measures.

Provide training on policies associated with sharps injuries.

Review reporting procedures, emphasising the importance to immediately report (to the employer and/or the person responsible for safety and health at work) any incident involving sharps.

Ensure policies and procedures are in place (in accordance with European, national/regional legislation and collective agreements) where a sharps injury occurs, making all workers aware of these.

How is this Directive being enforced?

According to the Directive, penalties should be planned by Member States in case of breach of the obligations under the Directive.

Note:

Council Directive 2010/32/EU allows Member States to maintain and introduce provisions which are more favourable to workers' protection from injuries caused by medical sharps. Information on the Council Directive 2010/32/EU is sourced from the European Agency for Safety and Health at Work website, the European Biosafety Network website as well as from the Official Journal of the European Union.

This is not intended to provide legal advice.

⁽⁴⁾: Clause 3 of the Framework Agreement on prevention from sharp injuries in the hospital and healthcare sector.

Beaver® Safety Knives

Beaver Safety Knives are designed to deliver exceptional precision, sharpness and consistency. These safety-engineered, single-use knives are designed to minimise the risk of accidental surgical blade injuries that could occur during all phases of a surgical procedure: before use, during passing, between steps of the procedure, after use, or during disposal.

Beaver Safety Knives represent a significant advance in the area of safety-engineered ophthalmic surgical products. The knives feature an easy-to-use, retractable safety shield designed to protect the user from the risk of sharps injuries. The knives promote no-look, single hand use.

Beaver Xstar® Safety Slit Knives*



The Beaver Xstar Safety Slit Knife is available in a wide range of sizes designed for smooth penetration and accurate incision width. 10 per box.

Single Bevel	Double Bevel	Description
378214	-	1.4 mm, 45 degrees, bevel up
378215	-	1.5 mm, 45 degrees, bevel up
378217	-	1.7 mm, 45 degrees, bevel up
378218	-	1.8 mm, 45 degrees, bevel up
378220	-	2.0 mm, 45 degrees, bevel up
378222	378822	2.2 mm, 45 degrees, bevel up
378223	-	2.3 mm, 45 degrees, bevel up
378224	378824	2.4 mm, 45 degrees, bevel up

Single Bevel	Double Bevel	Description
370145	378825	2.5 mm, 45 degrees, bevel up
370146	-	2.6 mm, 45 degrees, bevel up
-	378826	2.65 mm, 45 degrees, bevel up
378227	378827	2.75 mm, 45 degrees, bevel up
378228	378828	2.8 mm, 45 degrees, bevel up
-	378829	2.85 mm, 45 degrees, bevel up
378230	378830	3.0 mm, 45 degrees, bevel up
378232	378832	3.2 mm, 45 degrees, bevel up

Beaver and EdgeAhead® Safety Sideport MVR Knives*



The Beaver and EdgeAhead Safety Sideport MVR Knives are designed to create precise, consistent and fluid tight stab incisions. 10 per box.



Item #	Description
378210	1.0 mm, 45 degrees
378231	1.15 mm, 45 degrees (20G)
378212	1.2 mm, 45 degrees
378233**	Angled .60 mm (23G)

**EdgeAhead

Beaver Optimum Safety Sideport Knives*



The Beaver Optimum Safety Sideport Knife is designed for stab incisions. 10 per box.



Item #	Description
378235	15 degrees, straight
378236	22.5 degrees, straight
378237	30 degrees, straight
378238	45 degrees, straight

*U.S. patents #D496730, 7022128 and 7387637. Additional U.S. and International patents pending.

Beaver® Safety and Atomic Edge® Knives

Beaver Xstar® Safety Crescent Knife*



The Beaver Xstar Safety Crescent Knife is angled 55 degrees with the bevel up, designed for optimal tunnel architecture. 10 per box.



Item #	Description
378234	2.5 mm, angled 55 degrees, bevel up

Beaver Xstar® KOJO Safety Slit Knives*



The Beaver Xstar KOJO Safety Slit Knives are slit blades with an arcuate shape. The heights of the arc in each case are 0.55 mm (2.5 mm) and 0.70 mm (3.2 mm). 10 per box.



Item #	Description
373025	2.5 mm, 45 degrees, bevel up
373032	3.2 mm, 45 degrees, bevel up

Atomic Edge Safety Slit Knives⁺

Atomic Edge is the first single-use, safety engineered silicon surgical knife designed for use in cutting corneal tissue. 10 per box.



Item #	Description
370159	2.8 mm, angled 45 degrees, double bevel
370157	3.0 mm, angled 45 degrees, double bevel

Atomic Edge Accurate Depth Knives⁺

The Atomic Edge Accurate Depth Knives are designed for making limbal relaxing and groove incisions. These knives use single-crystal silicon to deliver performance equal to that of a diamond blade⁺⁺. 10 per box.



Item #	Description	Item #	Description
370225	250 micron	370250	500 micron
370230	300 micron	370255	550 micron
370235	350 micron	370260	600 micron
370240	400 micron	370265	650 micron

Limbal Relaxing Incision (LRI) Kits

The Limbal Relaxing Incision Kit includes: an Atomic Edge Accurate Depth Knife⁺; a 13 mm Beaver Swivel Fixation Ring and a Standard Point Marker Pen. The Limbal Relaxing Incision kits are 2 per box.

Item #	Description
586055	Limbal Relaxing Incision Kit (with 550 micron knife)
586060	Limbal Relaxing Incision Kit (with 600 micron knife)

*U.S. patents #D496730, 7022128 and 7387637. Additional U.S. and International patents pending.

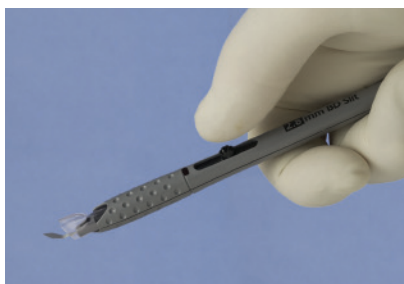
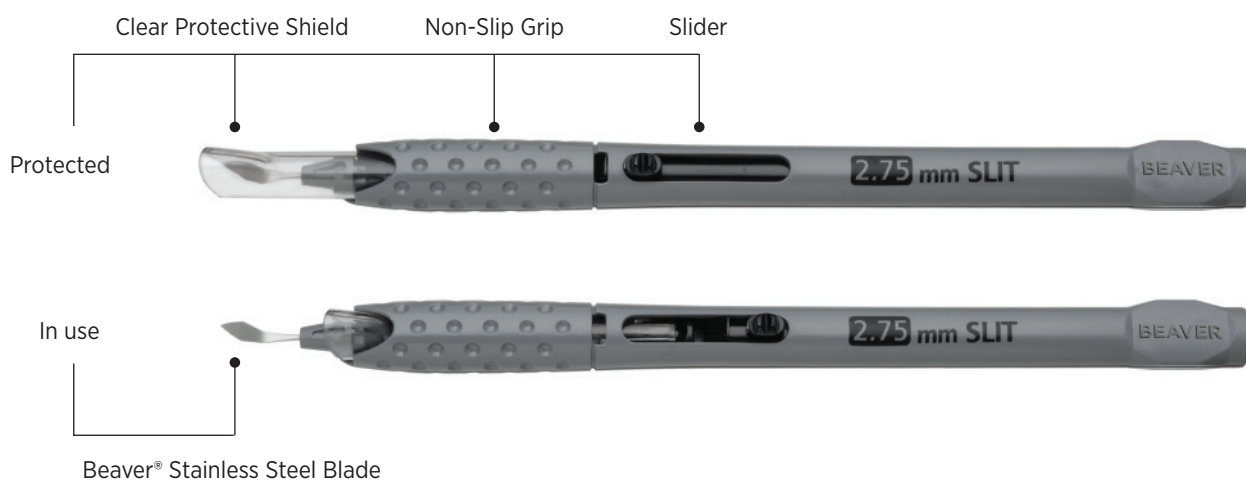
⁺U.S. patents #D496730, 7022128, 7387637, 7105103, 7387742, 7396484. Additional U.S. and International patents pending.

⁺⁺ Study ID # BVI 0211-04280.

How to Use Your Beaver® Safety Knife

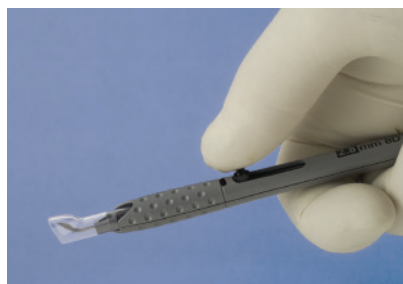
How to Use Your Beaver Safety Knife

All Beaver Safety Knives feature a specially designed, integrated retractable shield that protects the blade in procedure and handling. The protective shield is easily activated or deactivated by the user retracting or advancing the spring-assisted slider with one finger which provides tactile, visual and audible feedback in both the shielded and unshielded positions.



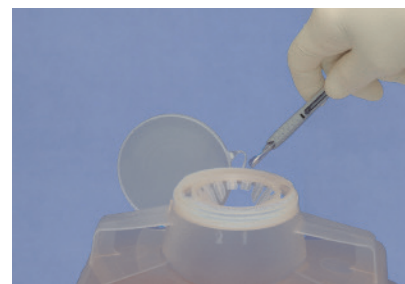
To Use

- Pull slider on handle to retract protective shield.
- Retract shield to rear locked position to fully uncover blade.



To Cover

- Push slider on handle to engage protective shield.
- Advance shield to forward locked position at lock indicator line.



To Dispose of

- Dispose of protected knife in an approved sharps container.

Beaver® Conventional Knives and Blades

Beaver-Visitec is proud to offer a broad range of conventional knives for cataract surgery. Beaver Slit, Sideport, Crescent and Micro-Sharp® knives come in a wide range of sizes to meet the needs of ophthalmic surgeons.

Beaver Xstar® Slit Knives



Beaver Xstar Slit Knives are available in a wide range of sizes designed for smooth penetration and accurate incision width. 10 per box.



Single Bevel	Double Bevel	Description
373718	-	1.8 mm, 45 degrees, bevel up
373722	370822	2.2 mm, 45 degrees, bevel up
373724	370824	2.4 mm, 45 degrees, bevel up
373725	370825	2.5 mm, 45 degrees, bevel up
373726	-	2.6 mm, 45 degrees, bevel up
-	370826	2.65 mm, 45 degrees, bevel up
373727	370827	2.75 mm, 45 degrees, bevel up

Single Bevel	Double Bevel	Description
373728	370828	2.8 mm, 45 degrees, bevel up
373328	-	2.8 mm, straight
373730	370830	3.0 mm, 45 degrees, bevel up
373330	-	3.0 mm, straight
373732	-	3.2 mm, 45 degrees, bevel up
373332	-	3.2 mm, straight

Beaver and EdgeAhead® Sideport MVR Knives



Beaver and EdgeAhead Sideport/MVR Knives are designed to create precise, consistent and fluid tight stab incisions.



Straight	Angled	Description
585231*	585232*	.60 mm (23G), 5 per box
-	373710	1.0 mm, 10 per box
585240*	-	1.1 mm width (19G), 5 per box
376630**	376620	1.15 mm (20G), 10 per box

* EdgeAhead

** Label reads 0.90 (20G), 10 per box.

Beaver Optimum Blades and Knives



Beaver Optimum stab blades are colour coded for simple and accurate identification. Offered in a wide range of sizes.



Blades 5 per box	Knives 10 per box	Description
374881	374891	15 degrees, straight, green
374882	374892	22.5 degrees, straight, slate blue
374883	374893	30 degrees, straight, black
-	374894	45 degrees, straight, tan

Beaver® Conventional Knives and Blades

Beaver Xstar® Crescent Knives



Beaver Xstar Crescent Knives offer the flexibility to create optimal tunnel architecture. Available in straight, bevel up or bevel down. 10 per box.



Item #	Description
373807	2.5 mm, 55 degrees, bevel up
373809	2.5 mm, 55 degrees, bevel down
373808	2.5 mm, 55 degrees, straight

Beaver Micro-Sharp® Blades and Beaver Micro-Unitome Knives

Beaver Micro-Sharps and Micro-Unitomes are manufactured using a propriety grinder technology that yields consistent sharpness. Each blade/knife is colour coded for easy identification. See page 26-27 for Beaver Handles and Accessories for Micro-Sharp Blades.

377511 Micro-Sharp Blade
1.5 mm, 15 degrees, orange.
6 per box.



377512 Micro-Unitome Knife
1.5 mm, 15 degrees, orange.
10 per box.



377513 Micro-Sharp Blade
3.0 mm, 15 degrees, blue.
6 per box.



377514 Micro-Unitome Knife
3.0 mm, 15 degrees, blue.
10 per box.



377515 Micro-Sharp Blade
5.0 mm, 15 degrees, green.
6 per box.



377516 Micro-Unitome Knife
5.0 mm, 15 degrees, green.
10 per box.



377522 Micro-Sharp Blade
4.0 mm, 22.5 degrees, light blue.
6 per box.



377523 Micro-Unitome Knife
4.0 mm, 22.5 degrees, light blue.
10 per box.



377530 Micro-Sharp Blade
3.5 mm, 30 degrees, black.
6 per box.



377531 Micro-Unitome Knife
3.5 mm, 30 degrees, black.
10 per box.



377546 Micro-Unitome Knife
3.0 mm, 45 degrees, tan.
10 per box.



Beaver® Conventional Knives and Blades

Beaver Micro Knives

Sharp pointed tip design for ophthalmic stab incisions and other microsurgical techniques. 10 per box.



Item #	Description
0001520	15 degrees, 5.0 mm depth
0001521	22.5 degrees, 5.0 mm depth
0001522	30 degrees, 5.0 mm depth
0001523	45 degrees, 5.0 mm depth

Visitec® EdgeAhead® Knives



Sharp tip and straight shoulders are designed to create or enlarge initial incision for insertion of phacoemulsification tips. 5 per box.



Item #	Description
581142	1.2 mm, angled, 40 degrees, bevel up
581143	1.4 mm, angled, 40 degrees, bevel up
581144	1.5 mm, angled, 40 degrees, bevel up
581145	1.75 mm, angled, 40 degrees, bevel up
581135	2.3 mm, angled, 40 degrees, bevel up
581129	2.5 mm, angled 40 degrees, bevel up
581123	2.65 mm, angled 40 degrees, bevel up
581105	2.8 mm, angled 40 degrees, bevel up
581107	3.0 mm, angled 40 degrees, bevel up
581109	3.2 mm, angled 40 degrees, bevel up
581121	3.5 mm, angled 40 degrees, bevel up

Visitec® EdgeAhead® Intraocular (IOL) Knives



Designed to enlarge a small incision for implantation of IOL after removal of the crystalline lens. Sides are sharp and tip is blunt. 5 per box.



Item #	Description
581141	3.5 mm, angled 40 degrees, bevel up
581127	4.1 mm, angled 40 degrees, bevel up
581111	5.2 mm, angled 40 degrees, bevel up
581125	5.7 mm, angled 40 degrees, bevel up
581139	6.2 mm, angled 40 degrees, bevel up

Beaver EdgeAhead® Circular Knives



Circular Knives have a 260 degree cutting edge for even incisions reducing post-op astigmatism. Useful for trabeculectomy, DCR procedures, and vitreoretinal scleral dissection. 5 per box.



Item #	Description
581112	2.25 mm, angled 60 degrees, 3 mm from tip
581116	2.25 mm, angled 60 degrees, 6 mm from tip

Beaver® Conventional Knives and Blades

Beaver Cataract Blades

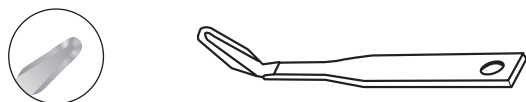
Designed for ICCE and ECCE. 3 per box.
See page 26-27 for Beaver Handles and Accessories.



Item #	Description
375100	19.0 mm length x 1.4 mm width
375210	20.5 mm length x 1.7 mm width
375220	25.5 mm length x 2.2 mm width

Crescent Knives and Blades

Tapered end and smaller tip improve blade maneuverability when creating a tunnel. Sharp all around crescent shape. See page 26-27 for Beaver Handles and Accessories.



Knives 5 per box	Description
581137	Visitec EdgeAhead 1.75 mm, angled 60 degrees, bevel up
581117	Visitec EdgeAhead 2.25 mm, straight
581118	Visitec EdgeAhead 2.25 mm, angled 60 degrees, bevel up
581119	Visitec EdgeAhead 2.25 mm, angled 60 degrees, bevel down

Beaver Sclerotome Blade and Knife

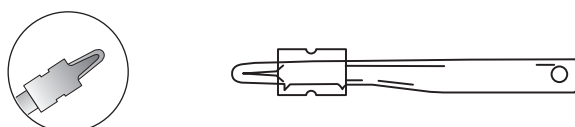
Beaver Sclerotome is a versatile blade suitable for glaucoma and retinal procedures. The Sclerotome Knife has a smaller cutting edge and improved sharpness for a more precise, controlled dissection. Packaged 3 per box. See page 26-27 for Beaver Handles and Accessories.



Knife	Blade	Description
375701	375700	Multi-sided, sharp all around

Beaver BeaverGuard Guarded Blades

Preset to ensure uniform depth control. 3 per box.
See page 26-27 for Beaver Handles and Accessories.



Item #	Description
375435	.35 mm depth
375450	.50 mm depth

Beaver Mini-Blades

Available in a variety of designs to meet all small incision and excision needs. See page 26-27 for Beaver Handles and Accessories.

374562 Mini-Blade Orthopedic Mini-Blade. Length 1.255 inches (31.88 mm).. 24 per box.	
376100 Mini-Blade Overall length 1.31 inches (33.27 mm). 24 per box.	
376300 Mini-Blade Sharp on two sides, with pointed tip. 6 per box.	
376401 Mini-Blade MIS 6400. Narrower version of Beaver6400. For minimally invasive surgery. 24 per box.	
376500 Mini-Blade Pointed tip, smaller alternative to #11 general blade. 24 per box.	
374769 Mini-Blade Knife Surgical blade, 180 degree cutting surface. 3 per box.	

Grindless Beaver Mini-Blades*

Beaver-Visitec's Mini-Blades are manufactured using a proprietary grindless technology that yields consistent sharpness and blade geometry and are available in a variety of designs to meet all small incision and excision needs. Beaver Mini-Blades are preassembled into a unique, patented tip, designed for safe assembly and ease of use. Each Mini-Blade is color coded for easy identification. See page 26-27 for Beaver Handles and Accessories.

Beaver6400 6400 Mini-Blade Grindless, rounded tip, sharp on one side, green. 20 per box.	
Beaver6600 6600 Mini-Blade Grindless, lamellar, angled 60 degrees, smooth undersurface, sharp all around, bevel up, black. 3 per box.	
Beaver6610 6610 Mini-Blade Grindless, lamellar, straight, smooth undersurface, sharp all around, black. 20 per box.	
Beaver6700 6700 Mini-Blade Grindless, smaller alternative to #15 general blade, orange. 20 per box.	
Beaver6900 6900 Mini-Blade Grindless, straight, sharp all around, 180 degree cutting surface, double bevel blade, blue. 20 per box.	
Beaver6910 6910 Mini-Blade Grindless, cleft palate blade, angled 60 degrees, sharp all around, 180 degree cutting surface, double bevel blade, blue. 6 per box.	

* Patent D636082. Additional US and International patents pending.

Beaver® Trephine Blades and Tissue Punch

Beaver Corneal Trephine Blades

Beaver-Visitec offers a comprehensive selection of corneal trephine blades, handles and tissue punches. Beaver Trephine Blades are handcrafted with a sharp, uniform cutting edge, designed for a precise, symmetrical cut of the corneal layers.

Sharp uniform cutting edge promotes a symmetrical and vertical cut of all corneal layers. Overall length 15.8 mm. Sterile, single-use. 1 per box.



Item #	Description
9550026	4.0 mm diameter
0009701	5.0 mm diameter
0009703	5.5 mm diameter
0009705	6.0 mm diameter
0009706	6.25 mm diameter
0009707	6.5 mm diameter
0009708	6.75 mm diameter
0009709	7.0 mm diameter
0009719	7.25 mm diameter

Item #	Description
0009711	7.5 mm diameter
0009722	7.75 mm diameter
0009710	7.85 mm diameter
0009713	8.0 mm diameter
0009727	8.25 mm diameter
0009715	8.5 mm diameter
0009723	8.75 mm diameter
0009717	9.0 mm diameter
9550025	9.25 mm diameter

Item #	Description
9550005	9.5 mm diameter
0009721	10.0 mm diameter
9550006	10.5 mm diameter
0009725	11.0 mm diameter
9550013	11.5 mm diameter
9550028	12.0 mm diameter
9550029	13.0 mm diameter
0009728	14.0 mm diameter

Beaver Iowa P.K. Press



Piston assembly fits into neck of platform utilising an internal spring to recoil to ready position after use. Cutting block fits into precision milled cavity in platform. Accepts single-use trephine blades sizes 6.25 - 9.00 mm. Designed for accurate preparation of corneal donor buttons to be used in penetrating keratoplasty. Reusable. 1 per box.

Item #	Description
1760	Complete set includes press assembly and cutting block.
1761	Cutting block, 32 mm (1.25 in) diameter.

Beaver Troutman Corneal Punch

Adjustable piston accommodates specified trephine blades. Designed for accurate donor button preparation. Reusable. 1 per box.



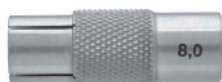
Item #	Description
1728	Complete set includes 7.0 mm to 9.0 mm piston and Teflon® block.
1742	Piston accepts 5.0-7.0 mm trephine blades
1741	Piston accepts 7.0-9.0 mm trephine blades
1743	Piston accepts 9.0-11.0 mm trephine blades
9729	Single-use replacement block, 18 mm (.7 in) diameter. Sterile.

Teflon® is a registered trademark of E.I. du Pont de Nemours and Company or its affiliates.

Beaver® Tissue Punch and Trephine Handles

Beaver Open Trephine Handles

Designed to fit a specific trephine size. Overall length 15.5 mm without trephine. Reusable. 1 per box.



Item #	Description
9732	Fits 5.0 mm trephines
9733	Fits 5.5 mm trephines
9734	Fits 6.0 mm trephines
9735	Fits 6.5 mm trephines
9736	Fits 7.0 mm trephines
9737	Fits 7.25 mm trephines
9738	Fits 7.5 mm trephines
9739	Fits 7.75 mm trephines

Item #	Description
9740	Fits 8.0 mm trephines
9741	Fits 8.25 mm trephines
9742	Fits 8.5 mm trephines
9743	Fits 8.75 mm trephines
9744	Fits 9.0 mm trephines
9745	Fits 10.0 mm trephines
9746	Fits 11.0 mm trephines

Beaver Troutman Trephine Handles

Adjustable trephine handle fits a range of single-use stainless steel trephine blades. Reusable. 1 per box.



Item #	Description
1735	Fits 5.0 mm - 7 mm trephines
1737	Fits 7.0 mm - 9 mm trephines
1739	Fits 9.0 mm - 11 mm trephines

Beaver Calibrated Trephine Handles

Trephine handle with protective graduated depth guard. For use in performing free-hand donor buttons. Designed to fit a specific trephine size. Overall length 75 mm without trephine blade. Reusable. 1 per box.



Item #	Description
1672	Fits 5.0 mm trephines
1673	Fits 5.5 mm trephines
1674	Fits 6.0 mm trephines
1675	Fits 6.25 mm trephines
1683	Fits 6.5 mm trephines
1676	Fits 6.75 mm trephines
1684	Fits 7.0 mm trephines
1677	Fits 7.25 mm trephines

Item #	Description
1685	Fits 7.5 mm trephines
1678	Fits 7.75 mm trephines
1686	Fits 8.0 mm trephines
1679	Fits 8.25 mm trephines
1687	Fits 8.5 mm trephines
1680	Fits 8.75 mm trephines
1688	Fits 9.0 mm trephines
1690	Fits 10.0 mm trephines

Beaver Trephine Handles

Trephine handle with protective depth guard. Designed to fit a specific trephine size. Overall length 50 mm without trephine blade. Reusable. 1 per box.



Item #	Description
1700	Fits 5.0 mm trephines
1702	Fits 5.5 mm trephines
1704	Fits 6.0 mm trephines
1706	Fits 6.5 mm trephines
1708	Fits 7.0 mm trephines
1710	Fits 7.5 mm trephines

Item #	Description
1712	Fits 8.0 mm trephines
1714	Fits 8.5 mm trephines
1716	Fits 9.0 mm trephines
1720	Fits 10.0 mm trephines
1724	Fits 11.0 mm trephines

Beaver® Trephine Handles and Tissue Punches

Beaver Trephines with Handles

Reusable stainless steel trephine with handle.
Overall length 53 mm. Reusable. 1 per box.



Item #	Description
9747	1.0 mm
9748	1.5 mm
9749	2.0 mm

Item #	Description
9751	3.0 mm
9752	3.5 mm
9753	4.0 mm

Tissue Punches

- 1751 Kelly Descemet's Membrane Punch**
Horizontal punch designed to produce a clean, 0.75 mm round hole without tissue tags.
Overall length 129 mm. Reusable. 1 per box.



- 1752 Gass Sclerotomy Punch**
Vertical punch designed to produce a clean, 1.5 mm round hole.
Rotatable for convenient positioning. Overall length 87 mm.
Reusable. 1 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver Needle Blades

See page 26-27 for Beaver Handles and Accessories.

- 375910 Needle Blade**
3.0 mm cutting edge.
3 per box.



- 375920 Needle Blade**
5.0 mm cutting edge.
3 per box.



- 375930 Needle Blade**
7.0 mm cutting edge.
3 per box.



- 375940 Needle Blade**
1.5 mm cutting edge.
3 per box.



Beaver Arthro-Lok® Blades

See page 26-27 for Beaver Handles and Accessories.

- 374580 Arthro-Lok Blade**
4 mm hoe, sharp all around, angled 60 degrees.
6 per box.



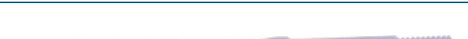
- 376083 Arthro-Lok Blade**
4 mm retrograde.
6 per box.



- 376086 Arthro-Lok Blade**
4 mm pointed retrograde.
6 per box.



Beaver® Specialty Surgical Blades and Knives

376480 Arthro-Lok Blade 4 mm rounded tip, curved left, sharp on one side. 6 per box.	
376481 Arthro-Lok Blade 4 mm rounded tip, flat, sharp on one side. 6 per box.	
376482 Arthro-Lok Blade 4 mm rounded tip, curved right, sharp on one side. 6 per box.	
376780 Arthro-Lok Blade 4 mm pointed tip, curved left, sharp on one side. 6 per box.	
376980 Arthro-Lok Blade 4 mm mini-banana, sharp all around, curved. 6 per box.	
376981 Arthro-Lok Blade 4 mm mini-banana, flat. 6 per box.	
376984 Arthro-Lok Blade 4 mm banana, sharp all around. 6 per box.	
377081 Arthro-Lok Blade 4 mm rosette. 6 per box.	
379081 Arthro-Lok Blade 4 mm mini-meniscus, flat. 6 per box.	
379082 Arthro-Lok Blade 4 mm mini-meniscus, curved. 6 per box.	

Beaver Ring Cutter and Blades

374100 Ring Cutter 1 per box.	
374150 Ring Cutter Saw Blade Regular speed steel. 1 per box.	
374151 Ring Cutter Saw Blade High speed steel. 1 per box.	

Beaver® Specialty Surgical Blades and Knives

Beaver Chisel Blades

See page 26-27 for Beaver Handles and Accessories.

378100 Chisel Blade

Non-sterile.
5 per box.



378300 Chisel Blade

Non-sterile.
5 per box.



378400 Chisel Blade

Non-sterile.
5 per box.



378800 Chisel Blade

Non-sterile.
5 per box.



Beaver DeBakey Blades

See page 26-27 for Beaver Handles and Accessories.

374410 DeBakey Blade

5 mm cutting width.
24 per box.



374710 DeBakey Blade

8 mm cutting width.
24 per box.



374810 DeBakey Blade

10 mm cutting width.
24 per box.



Beaver Neuro-Sharp Blades

See page 26-27 for Beaver Handles and Accessories.

370410 Neuro-Sharp Blade

Bayonet sickle.
3 per box.



370420 Neuro-Sharp Blade

Bayonet arachnoid.
3 per box.



Beaver Orthopedic Blade

See page 26-27 for Beaver Handles and Accessories.

371400 Bent Blade

Sharp all around, bent 45 degrees.
Used in orthopaedic procedures.
4 per box.



Beaver® Specialty Surgical Blades and Knives

Beaver Mammatome Blade

See page 26-27 for Beaver Handles and Accessories.

- 374900 Mammatome Blade**
270 degree cutting edge.
6 per box.



Beaver® Cervical Biopsy Blade

See page 26-27 for Beaver Handles and Accessories.

- 379100 Cervical Biopsy Blade**
4 per box.



Beaver® Handles

Beaver Wrench, Collets and Handles

- 371301 Beaver Blade Wrench**
Stainless. 1 per box.



- 371305 Replacement Chuck Collet**
Stainless, fits .50 cm handles.
1 per box.

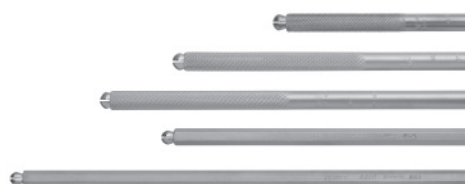


- 371415 Replacement Chuck Collet**
Stainless, fits .60 cm handles.
1 per box.



Beaver Handles

Stainless steel handles are available in round and hex configurations, in a variety of lengths. Refer to page 26-27 to determine which handle will accommodate your Beaver blade. Reusable, 1 per box.



Item #	Description
371350	Round, knurled, stainless, 13.0 cm L x .50 cm D
371360	Round, knurled, stainless, 13.0 cm L x .66 cm D
371394	Round, 18.0 cm L x .4 cm D No chuck collet included.
371395	Round, 21.0 cm L x .4 cm D No chuck collet included.
371410	Round, knurled, stainless, 10.2 cm L x .64 cm D
374310	Round, knurled, stainless, 10.0 cm L x .50 cm D

Item #	Description
374311	Round, knurled, stainless, 5.0 cm L x .50 cm D
374312	Round, knurled, stainless, 7.5 cm L x .50 cm D
374320	Round, knurled, stainless, 15.5 cm L x .50 cm D
374330	Hex, stainless, 10.0 cm L x .50 cm D
374340	Hex, stainless, 15.5 cm L x .50 cm D
372000	BeaverTail™, Flat, 17 cm L
375000	BeaverTail™, Flat, 13 cm L

Beaver® Handles and Accessories

Beaver Handles and Accessories

For full descriptions of Beaver Handles refer to page 25.

BLADES	HANDLES													REPLACEMENT COLLETS	
	371350	371360	371394	371395	371410	372000	374310	374311	374312	374320	374330	374340	375000	371305	371415
Beaver6400	x	x	x	x			x	x	x	x	x	x			
Beaver6600	x	x	x	x			x	x	x	x	x	x			
Beaver6610	x	x	x	x			x	x	x	x	x	x			
Beaver6700	x	x	x	x			x	x	x	x	x	x			
Beaver6900	x	x	x	x			x	x	x	x	x	x			
Beaver6910	x	x	x	x			x	x	x	x	x	x			
370410	x	x					x	x	x	x	x	x		x	
370420	x	x					x	x	x	x	x	x		x	
371400						x							x	x	
374410						x							x	x	
374562	x	x					x	x	x	x	x	x		x	
374580			x	x											
374710						x							x		
374810						x							x		
374900						x							x		
375100	x	x					x	x	x	x	x	x		x	
375210	x	x					x	x	x	x	x	x		x	
375220	x	x					x	x	x	x	x	x		x	
375435	x	x					x	x	x	x	x	x		x	
375450	x	x					x	x	x	x	x	x		x	
375700	x	x					x	x	x	x	x	x		x	
375910	x	x					x	x	x	x	x	x		x	
375920	x	x					x	x	x	x	x	x		x	
375930	x	x					x	x	x	x	x	x		x	
375940	x	x					x	x	x	x	x	x		x	
376083			x	x											

Beaver Handles and Accessories

BLADES	HANDLES													REPLACEMENT COLLETS	
	371350	371360	371394	371395	371410	372000	374310	374311	374312	374320	374330	374340	375000	371305	371415
376086			X	X											
376100	X	X					X	X	X	X	X	X		X	
376300	X	X					X	X	X	X	X	X		X	
376401		X					X	X	X	X	X	X		X	
376480			X	X											
376481			X	X											
376482			X	X											
376500	X	X					X	X	X	X	X	X		X	
376780			X	X											
376980			X	X											
376981			X	X											
376984			X	X											
377081			X	X											
377511	X	X					X	X	X	X	X	X			
377513	X	X					X	X	X	X	X	X			
377515	X	X					X	X	X	X	X	X			
377522	X	X					X	X	X	X	X	X			
377530	X	X					X	X	X	X	X	X			
378100					X										X
378300					X										X
378400					X										X
378800					X										X
379081			X	X											
379082			X	X											
379100						X							X		

Visitec® Cannulas

Visitec is the world class leader in high quality, single-use cannulas designed to meet the diverse needs and preferences of cataract surgeons. Visitec cannulas are available for a variety of procedures, including cataract, refractive, vitreoretinal, glaucoma, and oculoplastic procedures.



Anaesthesia

Irrigation

Capsule
Polisher

Hydrodissection

Cystotome

Lacrimal

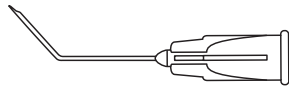
Refractive

Retinal

FLACS

FLACS Cannula [Schweitzer]

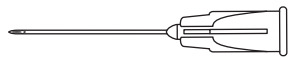
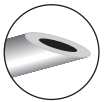
Multi-functional cannula designed to improve efficiency during femto cataract surgery. Can be used to dissect all types of femto incisions, inject OVD or other solutions and check the capsulotomy. 10 per box.



Item #	Description
585200	.50 x 22 mm (25G x 7/8 in)

Anaesthesia Cannulas**Peribulbar Anaesthesia****Peribulbar [Atkinson]**

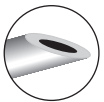
Indicated for injecting anaesthetic agents around the globe (periocular). 10 per box.



Item #	Description
585145	.40 x 22 mm (27G x 7/8 in)
585027	.50 x 22 mm (25G x 7/8 in)
585144	.60 x 22 mm (23G x 7/8 in)

Retrobulbar Anaesthesia**Retrobulbar [Atkinson]**

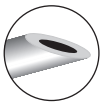
Indicated for injecting anaesthetic agents into the muscle cone. 10 per box.



Item #	Description
581637	.50 x 38 mm (25G x 1 1/2 in)
581638	.60 x 38 mm (23G x 1 1/2 in)

Retrobulbar (Sharp) [Atkinson]

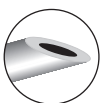
10 per box.



Item #	Description
581641	.50 x 38 mm (25G x 1 1/2 in)

Retrobulbar, Curved [Atkinson/Straus]

Designed to course around the globe and enter the anterior region of the muscle cone inferotemporal and parallel to the optic nerve. Straight portion 11 mm, curved portion 22 mm. 10 per box.



Item #	Description
585019	.50 x 34 mm (25G x 1 3/8 in)*

*Dimensions after bending.

Anaesthesia

Retrobulbar (Sharp Point)

Indicated for injecting anaesthetic agents into the muscle cone. 10 per box.



Item #	Description
581275	.50 x 38 mm (25G x 1 1/2 in)

Retrobulbar/Peribulbar Anaesthesia

Retrobulbar/Peribulbar [Atkinson]

10 per box.



Item #	Description
585109	.40 x 32 mm (27G x 1 1/4 in)
585108	.50 x 32 mm (25G x 1 1/4 in)
585001	.60 x 32 mm (23G x 1 1/4 in)

Sub-Tenon's Anaesthesia

Sub-Tenon's Anaesthesia Cannula

Designed for administering anaesthetic agents into the posterior sub-Tenon's space. 10 per box.



Item #	Description
585176	1.10 x 25 mm (19G x 1 in), curved to a radius of 30 mm and flattened to .65 mm.

Irrigation

Anterior Chamber Cannulas

Anterior Chamber Cannulas [Rycroft]

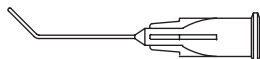
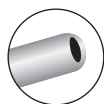
Angled 45 degrees, 4 mm from end. Dome shape, extra smooth tip designed to provide safe insertion through wound and manipulation within the eye. 10 per box.



Item #	Description
581273	.30 x 22 mm (30G x 7/8 in)
581280	.40 x 22 mm (27G x 7/8 in)
581639	.50 x 22 mm (25G x 7/8 in)
585025	.60 x 22 mm (23G x 7/8 in)
581281	.80 x 22 mm (21G x 7/8 in)

Anterior Chamber Cannulas

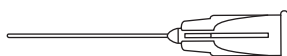
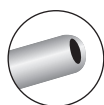
Angled 45 degrees, 6 mm from end. Dome shape, extra smooth tip designed to provide safe insertion through wound and manipulation within the eye. 10 per box.



Item #	Description
581285	.30 x 22 mm (30G x 7/8 in) 6 mm bend
581284	.40 x 22 mm (27G x 7/8 in) 6 mm bend
581642	.50 x 22 mm (25G x 7/8 in) 6 mm bend

Anterior Chamber Cannula

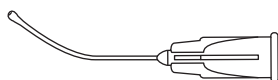
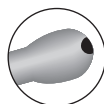
10 per box.



Item #	Description
585006	.40 x 22 mm (27G x 7/8 in)

Irrigating Cannulas**Olive Tip Cannula**

.33 mm end port. Olive shape tip is 2 mm long x 1 mm wide. 10 per box.



Item #	Description
585147	.60 x 22 mm (23G x 7/8 in)

Bishop Harmon Cannula

40 degrees, 8 mm from end. 10 per box.



Item #	Description
585040	1.1 x 25 mm (19G x 1 in)

Anterior Chamber Cannula

30 degrees, 6 mm from end. 10 per box.



Item #	Description
581277	1.6 x 25 mm (16G x 1 in)

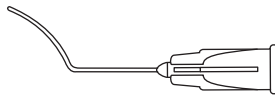
Irrigation

Viscoelastic Cannulas

Longer design from bend to tip allows for easier placement of viscoelastic to all meridians. May be used to coat intraocular lenses prior to insertion. Dome shape, extra smooth tip designed to provide safe insertion through wound and manipulation within the eye.

Viscoflow® Cannula

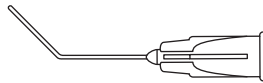
Formed 11 mm from end; radius is 19 mm. 10 per box.



Item #	Description
585007	.40 x 22 mm (27G x 7/8 in)

Viscoflow® Cannulas

45 degrees, 9 mm from end. 10 per box.



Item #	Description
585026	.40 x 22 mm (27G x 7/8 in)
585009	.60 x 22 mm (23G x 7/8 in)

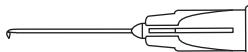
Cystotomes

Capsulorhexis Cystotomes

Tips are designed to facilitate Continuous Curvilinear Capsulotomies (CCC). Tip has cutting edge from front to back for push or pull cutting. Sharp tip penetrates capsule and allows control of flap. Tip is 90 degrees, then rotated 90 degrees.

Irrigating Cystotome [Blumenthal]

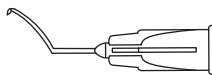
10 per box.



Item #	Description
585043	.40 x 16 mm (27G x 5/8 in)

Irrigating Cystotomes [Blumenthal]

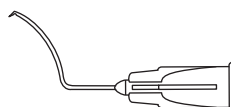
Formed 8.5 mm from bend to tip. 10 per box.



Item #	Description
585042	.40 x 16 mm (27G x 5/8 in)
585113	.50 x 16 mm (25G x 5/8 in)

Blunt Tip Irrigating Cystotome [Kellan]

Tip angled toward bevel. Unique blunt tip creates a wide capsular flap. Useful for pear shape capsulotomies. 10 per box.

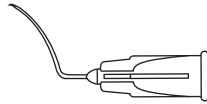


Item #	Description
585115	.50 x 22 mm (25G x 7/8 in)

Formed, Angled and Straight Cystotomes

Irrigating Cystotomes

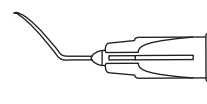
Formed cystotomes are bent to conform with the convexity of the crystalline lens. This allows easier access to all areas of the anterior capsule and reduces the chance of touching the corneal endothelium. 10 per box.



Item #	Description
581630	Irrigating Cystotome .30 x 16 mm (30G x 5/8 in)
581618	Irrigating Cystotome .40 x 16 mm (27G x 5/8 in)
581610	Irrigating Cystotome [Pearce] .50 x 16 mm (25G x 5/8 in)
581602	Side Cutting Irrigating Cystotome .50 x 16 mm (25G x 5/8 in)
581599	Irrigating Cystotome .60 x 16 mm (23G x 5/8 in)

Irrigating Cystotomes

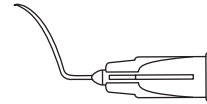
Formed 8.5 mm from bend to tip. Shortened curve designed for capsulotomy on deep set eyes or small pupils. 10 per box.



Item #	Description
585008	.40 x 16 mm (27G x 5/8 in)
585004	.50 x 16 mm (25G x 5/8 in)

Irrigating Cystotome

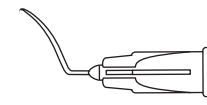
Tip 45 degrees. 10 per box.



Item #	Description
585049	.50 x 16 mm (25G x 5/8 in)

Irrigating Cystotome (Reverse)

Tip 90 degrees toward bevel. 10 per box.

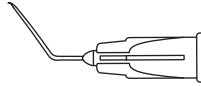


Item #	Description
585034	.50 x 16 mm (25G x 5/8 in)

Cystotomes

Irrigating Cystotome [Simcoe]

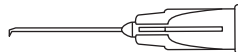
45 degrees, 10.5 mm from tip. 10 per box.



Item #	Description
585093	.40 x 12.5 mm (27G x 1/2 in)

Irrigating Cystotome

10 per box.

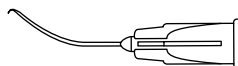


Item #	Description
581617	.50 x 16 mm (25G x 5/8 in)

Intercapsular/Endocapsular Cystotomes

Irrigating Cystotomes [Joyce]

Tip .50 mm long. Curve facilitates intercapsular/endocapsular techniques. 10 per box.



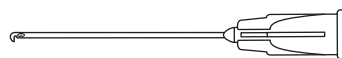
Item #	Description
585039	.40 x 16 mm (27G x 5/8 in)
585030	.50 x 16 mm (25G x 5/8 in)

Sharp Cystotome

Designed for cutting technique capsulotomies. Microsharp blade ground onto the cannula designed to require less pressure to cut the capsule, reducing stress to zonules.

Sharp Point Cystotome

Tip 1.75 mm long x 1 mm wide. Vertical sharp cutting edge. 5 per box.

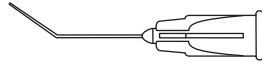


Item #	Description
585020	.70 x 27 mm (22G x 1 1/16 in)

Hydrodissection Flat Tip Cannulas

Nucleus Hydrodissectors [Pearce]

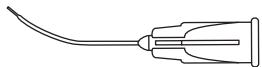
35 degrees, 8 mm from end. 10 per box.



Item #	Description
585036	.40 x 22 mm (27G x 7/8 in)
585037	.50 x 22 mm (25G x 7/8 in)
585274	.40 x 22 mm (27G x 7/8 in)

Nucleus Hydrodissector

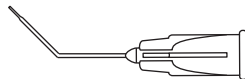
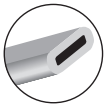
Tip is flattened on the horizontal plane. 10 per box.



Item #	Description
585155	.40 x 22 mm (27G x 7/8 in)

Cortical Cleaving Hydrodissector (Flat End)

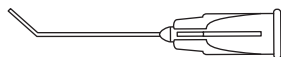
45 degrees, 11 mm from end. For cleaving cortex from capsular bag. 10 per box.



Item #	Description
585158	.40 x 22 mm (27G x 7/8 in)

Nucleus Hydrodissector

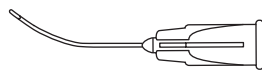
45 degrees, 7 mm from end. Also useful for irrigating incisions during refractive procedures. 10 per box.



Item #	Description
585192	.30 x 22 mm (30G x 7/8 in)

Nucleus Hydrodissector [Sauter]

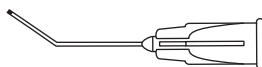
Tip is flattened on the vertical plane. 10 per box.



Item #	Description
585099	.40 x 22 mm (27G x 7/8 in)

Nucleus Hydrodissector [Sinskey]

35 degrees, 8 mm from end. Unique forked tip rotates nucleus following hydrodissection to facilitate cleaving of nuclear cortical connections. 10 per box.

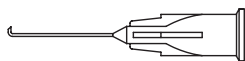


Item #	Description
585195	.50 x 22 mm (25G x 7/8 in)

Hydrodissection

Nucleus Hydrodissectors [Chang]

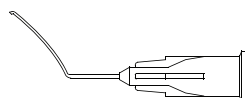
90 degree bend, 1 mm flattened tip. 10 per box.



Item #	Description
585294	.40 x 18 mm (27G x 7/10 in), bevel angle 33 degrees
585295	.40 x 18 mm (27G x 7/10 in), bevel angle 47 degrees

Nucleus Hydrodissector [Buratto]

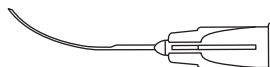
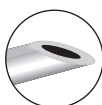
Formed, angled 1 mm from end. Flattened tip. 10 per box.



Item #	Description
585199	.50 x 22 mm (25G x 7/8 in)

Nucleus Hydrodelineator [P. Koch]

Shortened, single-bevel tip easily penetrates the nucleus for manual sculpting to improve lamellar separation prior to phacoemulsification. Flattened end provides smooth insertion under anterior capsule for hydrodissection. 10 per box.

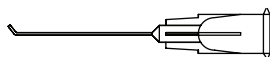


Item #	Description
585015	.50 x 22 mm (25G x 7/8 in)

Hydrodissection Tapered Tip Cannulas

Hydrodissection Cannula [Akahoshi Style]

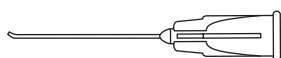
Tapered tip provides easy insertion under capsule for hydrodissection or into nucleus for hydrodelineation. Angled 1 mm from end. Thin wall. 10 per box.



Item #	Description
585198	.40 x 23 mm (27G x 9/10 in)

Cortical Cleaving Hydrodissector

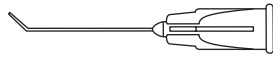
Tip is tapered to .30 mm (30G), 33 degrees, 1 mm from end. Facilitates placement under anterior capsule for cleaving cortex from capsular bag. 10 per box.



Item #	Description
585159	.50 x 22 mm (25G x 7/8 in)

Tapered Hydrodelineator [Blumenthal]

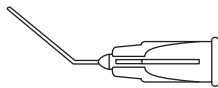
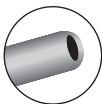
Tip is tapered to .30 mm (30G), 45 degrees, 4 mm from end. Tapered to allow greater flow of fluid through a smaller tip. Provides easy insertion under capsule for hydrodissection or into nucleus for hydrodelineation. 10 per box.



Item #	Description
585107	.50 x 22 mm (25G x 7/8 in)

Hydrodissection Round Tip Cannulas**Cortical Cleaving Hydrodissector [Grabow]**

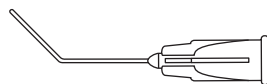
40 degrees, 12 mm from end. .30 mm cannula helps create a cleavage plane between the capsule and cortex. 10 per box.



Item #	Description
585197	.30 x 16 mm (30G x 5/8 in)

Cortical Cleaving Hydrodissector (Round End)

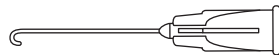
45 degrees, 11 mm from end. For cleaving cortex from capsular bag. May also be useful for general irrigation. 10 per box.



Item #	Description
585157	.40 x 22 mm (27G x 7/8 in)

Hydrodissection J Shape Cannulas**Micro J Shape Cannulas**

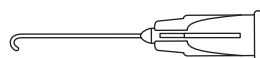
.25 mm open end port. Hook is 1.5 mm long x 1.75 mm wide. Designed for small incision surgery. 10 per box.



Item #	Description
585018	.40 x 22 mm (27G x 7/8 in)
585003	.50 x 22 mm (25G x 7/8 in)

J Shape Cannula

.33 mm open end port. Hook is 2 mm long x 2.25 mm wide. 10 per box.

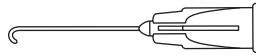


Item #	Description
585091	.60 x 22 mm (23G x 7/8 in)

Hydrodissection

Micro J Shape Cannula [Hessburg]

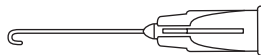
.25 mm open end port. Hook is .85 mm long x 1.7 mm wide. 10 per box.



Item #	Description
585148	.50 x 20 mm (25G x 3/4 in)

Micro J Shape Hydrodissector [Pearce]

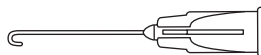
Hook is 2.25 mm long x 1.75 mm wide. Micro size flattened tip for easy insertion through wound and under capsule. 10 per box.



Item #	Description
585029	.40 x 22 mm (27G x 7/8 in)

J Shape Hydrodissector [Pearce]

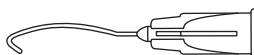
Hook is 3 mm long x 3 mm wide. 10 per box.



Item #	Description
585102	.50 x 22 mm (25G x 7/8 in)

HydroExpression Cannula [Corydon]

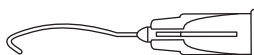
1.8 mm from end. Designed to express nucleus with balanced salt solution through a capsulorhexis during ECCE. 10 per box.



Item #	Description
585191	.40 x 22 mm (27G x 7/8 in), 30 degrees

ViscoExpression Cannula [Corydon]

1.8 mm from end. Designed to express nucleus with viscoelastic through a capsulorhexis during ECCE. 10 per box.



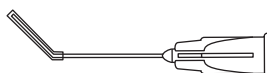
Item #	Description
585090	.50 x 22 mm (25G x 7/8 in), 30 degrees

Aspiration

Capsule Polishers

Flexible Tip Cannulas

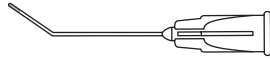
45 degrees, 7 mm from end. 10 mm sleeve. 10 per box.



Item #	Description
585005	.40 x 22 mm (27G x 7/8 in)
585017	.50 x 22 mm (25G x 7/8 in)
585041	.60 x 22 mm (23G x 7/8 in)

Capsule Polishers [Kratz]

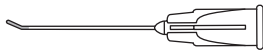
.30 mm top port, 35 degrees, 9 mm from end;
micro-etched 3 mm from end. 10 per box.



Item #	Description
581605	.60 x 22 mm (23G x 7/8 in)
581604	.80 x 22 mm (21G x 7/8 in)

Capsule Polisher

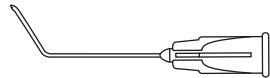
.50 mm open end port, 30 degrees, 3 mm from end;
micro-etched 5 mm from end. 10 per box.



Item #	Description
581614	.80 x 22 mm (21G x 7/8 in)

Posterior Scraper [Simcoe]

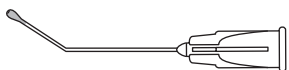
.33 mm open end port, 60 degrees, 7 mm from end;
micro-etched end. 10 per box.



Item #	Description
581645	.60 x 22 mm (23G x 7/8 in)

Olive Tip Polisher

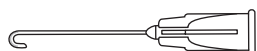
.33 mm end port, 30 degrees, 10 mm from end; micro-etched
2 mm from end. Olive shape tip is 2 mm long x 1 mm wide.
10 per box.



Item #	Description
585143	.60 x 25 mm (23G x 1 in)

J Shape Cannula [Thornton]

.30 mm open end port. Hook 2.75 mm long x 2.5 mm wide.
Slightly micro etched on back of J shape end for capsule
polishing. May also be used for aspiration of cortex from
superior iris between the 10-2 o'clock meridian. 10 per box.



Item #	Description
585123	.55 x 22 mm (24G X 7/8 in)

Aspiration

Cortex Extractors

Cortex Extractor [Blumenthal]

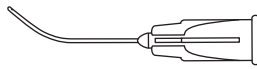
.40 mm top port, thin wall cannula, 30 degrees, 2 mm from end; micro-etched 2 mm from end. May also be useful for capsule polishing. 10 per box.



Item #	Description
585227	.60 x 23.5 mm (23G x 15/16 in)

Cortex Extractor

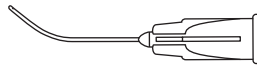
.40 mm top port. Thin wall cannula. 10 per box.



Item #	Description
585193	.60 x 16 mm (23G x 5/8 in)

Cortex Extractor

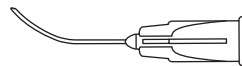
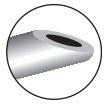
.30 mm top port. 10 per box.



Item #	Description
585075	.60 mm x 16 mm (23G x 5/8 in)

Cortex Extractor [Charleux]

.30 mm end port angled 10 degrees. Flat end opening has rounded edges. 10 per box.



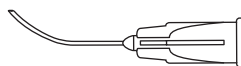
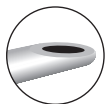
Item #	Description
585106	.55 x 12.5 mm (24G x 1/2 in)

Irrigation and Aspiration

Bimanual I and A Cannulas

Bimanual Irrigation Cannula

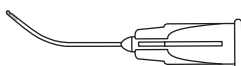
Thin wall cannula, curved 45 degrees, .51 mm open end irrigation port. 10 per box.



Item #	Description
585223	.80 x 17 mm (21G x 5/8 in)

Bimanual Aspiration Cannula

Curved 45 degrees, .40 mm top aspiration port; micro-etched 2 mm from end. Useful for capsule polishing. 10 per box.

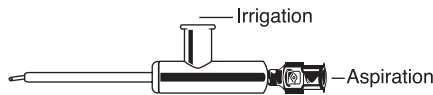
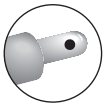


Item #	Description
585222	.60 x 17 mm (23G x 5/8 in)

Coaxial I and A Cannula

Coaxial I and A Cannula [Pearce]

1.2 mm (18G) thin wall outer cannula provides irrigation, .80 mm (21G) inner cannula has .30 mm side aspiration port. Smooth outer cannula has been designed to create less friction for easier insertion, minimising trauma to wound. 5 per box.

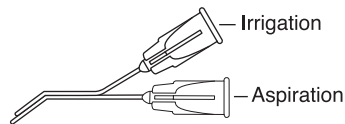


Item #	Description
581624	1.2 mm (18G)/.80 mm (21G)

I and A Cannula

I and A Cannula [Gills]

35 degrees, 8 mm from end, .25 mm open end aspiration port. 5 per box.

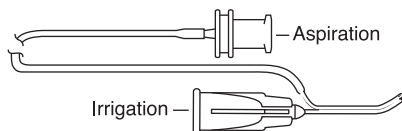


Item #	Description
585089	.60 mm/.50 mm (23G/25G), thin wall

Simcoe I and A Cannulas

I and A Cannula [Simcoe]

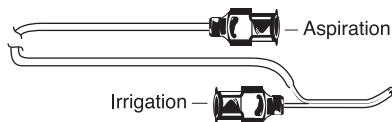
Thin wall cannula. Tubing: Inner diameter 1 mm (.04 in); outer diameter 2 mm (.08 in), .30 mm aspiration port. 5 per box.



Item #	Description
585047	.60 mm/.60 mm (23G/23G)

I and A Cannulas [Simcoe]

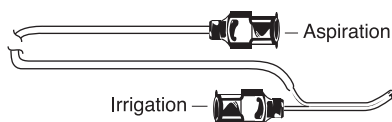
Tubing: Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). 3 per box.



Item #	Description
585086	.60 mm/.60 mm (23G/23G) .30 mm aspiration port.
585110	.60 mm/.60 mm (23G/23G) .40 mm aspiration port.

I and A Cannula [Dahan-Simcoe]

Tubing: Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). 3 per box.



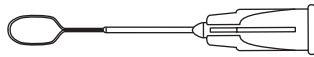
Item #	Description
585104	.60 mm/.60 mm (23G/23G) .40 mm aspiration port.

Vectis

Irrigating Vectis

Micro Irrigating Vectis

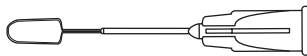
One .20 mm end port. Micro size allows easy access through small pupils. 5 per box.



Item #	Description
581595	.40 mm (27G), 4 mm wide

Small Incision Irrigating Vectis [Pearce]

One .20 mm end port. For removing nucleus and fragments through a small incision. 5 per box.



Item #	Description
585032	.40 mm (27G), 3 mm wide

Irrigating Vectis [Pearce]

One .25 mm end port. 5 per box.



Item #	Description
581619	.50 mm (25G), 5 mm wide

Irrigating Vectis

Two .25 mm end ports. 5 per box.



Item #	Description
581626	.50 mm (25G), 5 mm wide

Soft Tip Cannulas

Soft Tip cannulas have flexible, high-flow silicone tips, allowing gentle access to the retina. They are ideal for aspiration of fluid from on or beneath the surface of the retina.

Soft Tip Cannulas

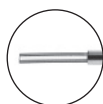
Designed for use with valved trocars, 0.8 mm silicone extension. 10 per box.



Item #	Description
587003	.50 x 33 mm (25G x 1.3 in) 0.8 mm tip
587002	.60 x 33 mm (23G x 1.3 in) 0.8 mm tip

Soft Tip Cannulas

Designed for use with non-valved trocars, 3 mm silicone extension. 10 per box.



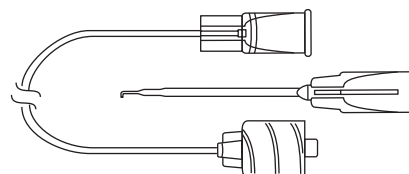
Item #	Description
585229	.50 x 33 mm (25G x 1.3 in) 3 mm tip
585226	.60 x 33 mm (23G x 1.3 in) 3 mm tip

Viscodissector

For dissection of preretinal and other vitreoretinal membranes using viscoelastic fluids. May also be used for application of serum, plasma, or other agents used to repair macular holes. The cannula comes with a 20 cm (8 in) long luer lock, high pressure extension tubing set capable of withstanding injections of viscoelastic fluids; ID - 1.2 mm (0.5 in); OD - 2.4 mm (0.9 in).

585092 Vitreoretinal Viscodissector, 90 Degrees [Glaser]

.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension. Tip flattened and angled 90 degrees, 1 mm from end. 5 per box.

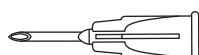
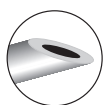


High Viscosity Injection/Removal

Unique design facilitates injection of silicone oil and other viscous fluids by combining a special high pressure tubing with an ultra thin wall cannula. May also be used as a standard infusion cannula. Ultra thin wall cannula .90 mm (20G) with 45 degree bevelled tip.

Silicone Oil Removal Cannula [Connor]

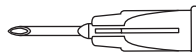
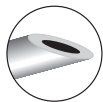
Thin wall cannula for improved flow rate. 45 degree bevel tip allows for easier insertion through sclerotomy. 10 per box.



Item #	Description
585217	1.1 x 12 mm (19G x 1/2 in)

High Viscosity Injector [Peyman]

Designed to inject or aspirate silicone oil in the repair of retinal detachments. 20 degree bevel. 5 per box.



Item #	Description
585002	1.6 x 9 mm (16G x 3/8 in)

High Viscosity Injectors [Hammer]

4 mm, .90 mm (20G) thin wall cannula. 5 per box.



Item #	Description
585208	Tubing 16 cm (7 1/2 in) long. Longer tubing designed for use with a silicone oil syringe pump.
585173	Tubing 10 cm (4 in) long

High Viscosity Injectors [Hammer]

6 mm, .90 mm (20G) thin wall cannula. 5 per box.



Item #	Description
585228	Tubing 16 cm (7 1/2 in) long. Longer tubing designed for use with a silicone oil syringe pump.
585184	Tubing 10 cm (4 in) long

Infusion Cannulas

Designed to provide more effective infusion. Ultra thin wall cannula .90 mm (20G) with 45 degree bevelled tip allows more fluid flow than a regular wall cannula. Flexible tubing is 25 cm (10 in) long and attaches to an infusion source with luer lock fitting.

Infusion Cannulas

5 per box.



Item #	Description
585119	.90 mm (20G) 4 mm
585120	.90 mm (20G) 6 mm

Infusion Cannula [Pautler]

Corners of flange are round. The angled design of the flange allows it to be sutured to the sclera, while the cannula is inserted through the cornea in aphakic or pseudophakic eyes. Designed to provide a continuous flow of irrigation during complicated posterior segment surgery. 3 per box.



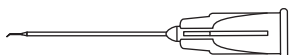
Item #	Description
585196	4.7 mm from tip to 45 degree angled flange

Membrane Dissectors

For removing premacular, epiretinal and other vitreoretinal membranes.

Membrane Micropick [Eaton]

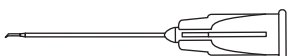
Especially useful for working near macular holes. 10 per box.



Item #	Description
585212	.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16) tip extension. Sharp tip angled 50 degrees.

Vitreoretinal Micropick [Glaser]

10 per box.



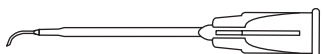
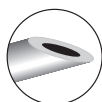
Item #	Description
585114	.90 x 25 mm (20G x 1 in) cannula with .50 x 5 mm (25G x 3/16 in) tip extension. Sharp tip angled 50 degrees.

Micro Tip Cannulas

Designed to provide atraumatic entry through retinal and macular tears or holes with less chance of engaging the retina. Surface of injector tip, opposite the bevel, may be used to slightly elevate the retina as fluid is injected. Designed for injecting or aspirating fluid under the retina.

Subretinal Injector [Lambert]

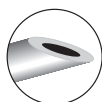
Gentle curve facilitates less traumatic removal from eye. Increased length ideal for myopic eyes. 5 per box.



Item #	Description
585219	.90 x 29 mm (20G x 1 5/32 in) cannula with .23 x 7 mm (32G x 5/16 in) tip extension

Subretinal Injector Curved [Glaser]

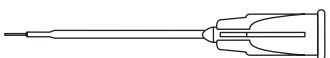
Curved shaft allows for easier access of difficult-to-reach holes. 5 per box.



Item #	Description
585177	.90 x 25 mm (20G x 1 in) cannula with .23 x 3 mm (32G x 1/8 in) tip extension

Vitreoretinal Cannula [Vander]

Cannula extends into hub reducing the chance of additional air bubble in the syringe from entering cannula. 5 per box.

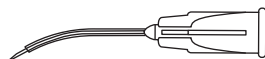
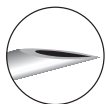


Item #	Description
585182	.90 x 25 mm (20G x 1 in) cannula with .30 x 5 mm (30G x 3/16 in) tip extension

Subretinal Fluid Instrument

Transcleral Drainage Cannula [Hanscom]

Curved with 12 degree bevel tip; silicone sleeve is 3.5 mm from tip; bevel is opposite curve. Designed for external drainage of subretinal fluid. Silicone sleeve acts as a stop. The position of bevel tip helps minimize the chance of trauma to the retina. 10 per box.



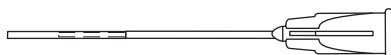
Item #	Description
585224	.50 x 25 mm (25G x 1 in)

Subretinal Fluid Cannulas

Flexible sleeve allows atraumatic entry through retinal or macular tears or holes, and enables aspiration of subretinal fluid.

Subretinal Fluid Cannula, 6 mm [Grizzard]

Sleeve extends 6 mm beyond end. Overall length with tubing 35 mm (1 3/8 in). 5 per box.



Item #	Description
585021	.90 mm (20G)

Subretinal Fluid Cannula, 6 mm [Grizzard]

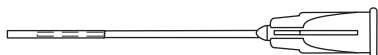
Sleeve extends 6 mm beyond end. Overall length with tubing 35 mm (1 3/8 in). Curved tip allows for easier entry into difficult to reach holes. 5 per box.



Item #	Description
585035	.90 mm (20G)

Subretinal Fluid Cannula, 3 mm [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with tubing 32 mm (1 1/4 in). 5 per box.



Item #	Description
585186	.90 mm (20G)

Subretinal Fluid Cannula, 3 mm [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with tubing 32 mm (1 1/4 in). Curved tip allows for easier entry into difficult-to-reach holes. 5 per box.



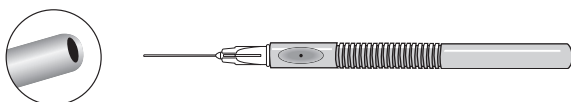
Item #	Description
585187	.90 mm (20G)

Vitreoretinal Cannulas

Designed to aspirate blood and debris from the posterior segment. Smooth, finished tip provides atraumatic entry and reduces risk of trauma to surrounding tissue.

Flute Cannula [Charles]

Provides an exit port when used with independent infusion. Technique minimises turbulence. 5 per box.



Item #	Description
581097	Vacuum handle with .90 x 28 mm (20G x 1 1/8 in) cannula.

Vitreoretinal Cannula

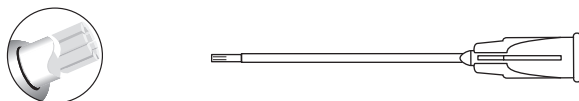
Attaches to handpiece or syringe with luer fitting. Can also be used to aspirate or inject silicone oil. 10 per box.



Item #	Description
585205	.90 x 28 mm (20G x 1 1/8 in)

Vitreoretinal Brush [Grizzard]

Sleeve extends 3 mm beyond end. Overall length with sleeve 31 mm (1 1/4 in). Soft flexible tip has 5 cuts, 1.5 mm deep for atraumatic brushing of retina. 5 per box.



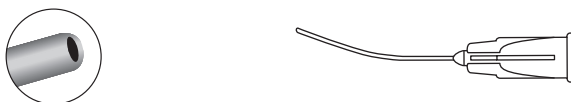
Item #	Description
585139	.90 mm (20G)

Lacrimal

Lacrimal Cannulas

Lacrimal Cannula

10 per box.



Item #	Description
581276	.45 x 28 mm (26G x 1 1/8 in)

Lacrimal Cannula [Shahinian]

.30 mm aspiration port. Smooth bullet shape end for punctal dilation and irrigation of the nasolacrimal system. May also be used as punctal dilator. 5 per box.

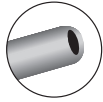


Item #	Description
585033	.60 x 12 mm (23G x 1/2 in)

Lacrimal

Lacrimal Cannula

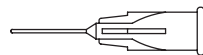
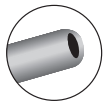
Curved cannula for probing and irrigating lacrimal duct. 10 per box.



Item #	Description
581615	.80 x 35 mm (21G x 1 3/8 in)

Lacrimal Cannula

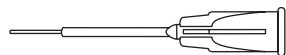
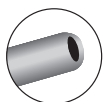
Straight, 13 mm length. 10 per box.



Item #	Description
585068	.50 x 13 mm (25G x 1/2 in)

Lacrimal Cannula

For irrigating punctum or lacrimal duct. 5 per box.

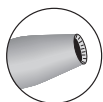


Item #	Description
585016	1.1 x 20 mm (19G x 3/4 in) shaft attached to .60 x 12 mm (23G x 1/2 in) malleable cannula

Lacrimal Trephine

Lacrimal Trephine [Sisler]

Ultra sharp, micro trephine is useful for rotary trepanation of an obstructed canaliculus and for biopsy of the conjunctiva or sclera. Long enough to span the length of normal lacrimal canaliculus. Round, blunt tip stylet minimises trauma to the surrounding tissue. 3 per box.



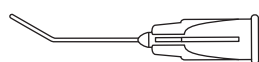
Item #	Description
585031	.80 mm x 38 mm (21G x 1 1/2 in)

Refractive

LASIK Cannulas

LASIK Irrigating Cannula

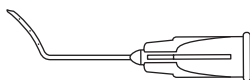
25 degrees, formed 7 mm from end. 10 per box.



Item #	Description
585278	.40 x 22 mm (27G x 7/8 in)

LASIK Irrigating Cannula [Solomon]

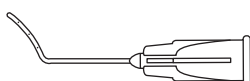
Thin wall cannula. Angled tip features three .25 mm ports on 8 mm extension with 11 mm radius. Assists in flap replacement. 10 per box.



Item #	Description
585280	.50 x 22 mm (25G x 7/8 in)

LASIK Irrigating Cannulas [Lindstrom]

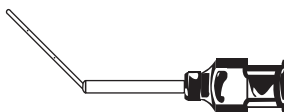
Features three .25 mm ports located on 7 mm extension with an 11 mm radius, 45 degrees. 10 per box.



Item #	Description
585250	.50 x 22 mm (25G x 7/8 in)
585283	.60 x 22 mm (23G x 7/8 in)

LASIK Flap Irrigator [Vidaurri]

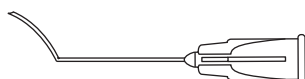
Features four .25 mm ports located on 13 mm dual extensions. Arms provide uniform irrigation as flap is realigned. 5 per box.



Item #	Description
585216	1.6 x 12 mm (16G x 1/2 in) cannula with two .50 x 13 mm (25G x 9/16 in) tip extensions at 45 degree angle

LASIK Cannula [Daya]

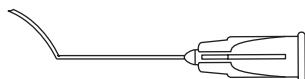
45 degrees, 12 mm from end. Flattened .50 mm, 5 mm from tip. 10 per box.



Item #	Description
585259	.80 x 22 mm (21G x 7/8 in)

LASIK Cannula [Daya]

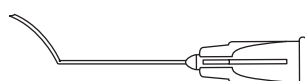
45 degrees, 10 mm from end. Flattened .30 mm, 1 mm from tip. 10 per box.



Item #	Description
585271	.60 x 20 mm (23G x 13/16 in)

LASIK Flap Spatula/Irrigator [Hersh]

45 degrees, 9 mm from spatulated tip. 10 per box.



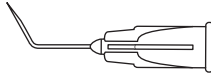
Item #	Description
585252	.60 x 22 mm (23G x 7/8 in)

Glaucoma

Glaucoma Revision Picks

Glaucoma Revision Pick 60° [Lederer]

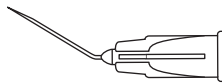
60 degrees, 7 mm from end. Ideal for superior approach. 5 per box.



Item #	Description
585133	.40 x 16 mm (27G x 5/8 in)

Glaucoma Revision Pick 30° [Lederer]

30 degrees, 13.5 mm from end. Ideal for temporal or nasal approach. 5 per box.



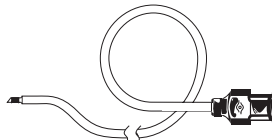
Item #	Description
585135	.40 x 16 mm (27G x 5/8 in)

Anterior Chamber Maintainers

Anterior Chamber Maintainers

Self Retaining ACM [Lewicky]

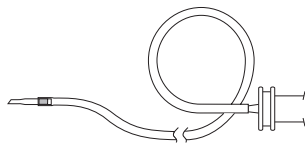
Flexible tubing 25 cm (10 in). Inner diameter 1 mm (.04 in); outer diameter 2 mm (.08 in). Unique annular rings start .75 mm from 55 degree bevelled tip for retaining without sutures. 3 per box.



Item #	Description
585061	.90 x 3.5 mm (20G x 9/64 in)

Oval ACM [Blumenthal]

3.5 mm from 40 degree bevelled tip. Flexible tubing 25 cm (10 in). Inner diameter 1 mm (.04 in), outer diameter 2 mm (.08 in). Smooth tip allows for easy insertion and minimal tissue disturbance. 5 per box.



Item #	Description
585149	Tapered from 1.25 mm (18G) to .90 mm (20G), oval

ACM Micro Etched [Dahan]

Flexible tubing 15.25 cm (6 in). Inner diameter .75 mm (.03 in), outer diameter 1.6 mm (.07 in). Special micro etching on tip allows ACM to be self-retaining. Ultra thin wall tip provides high flow rate. 10 per box.

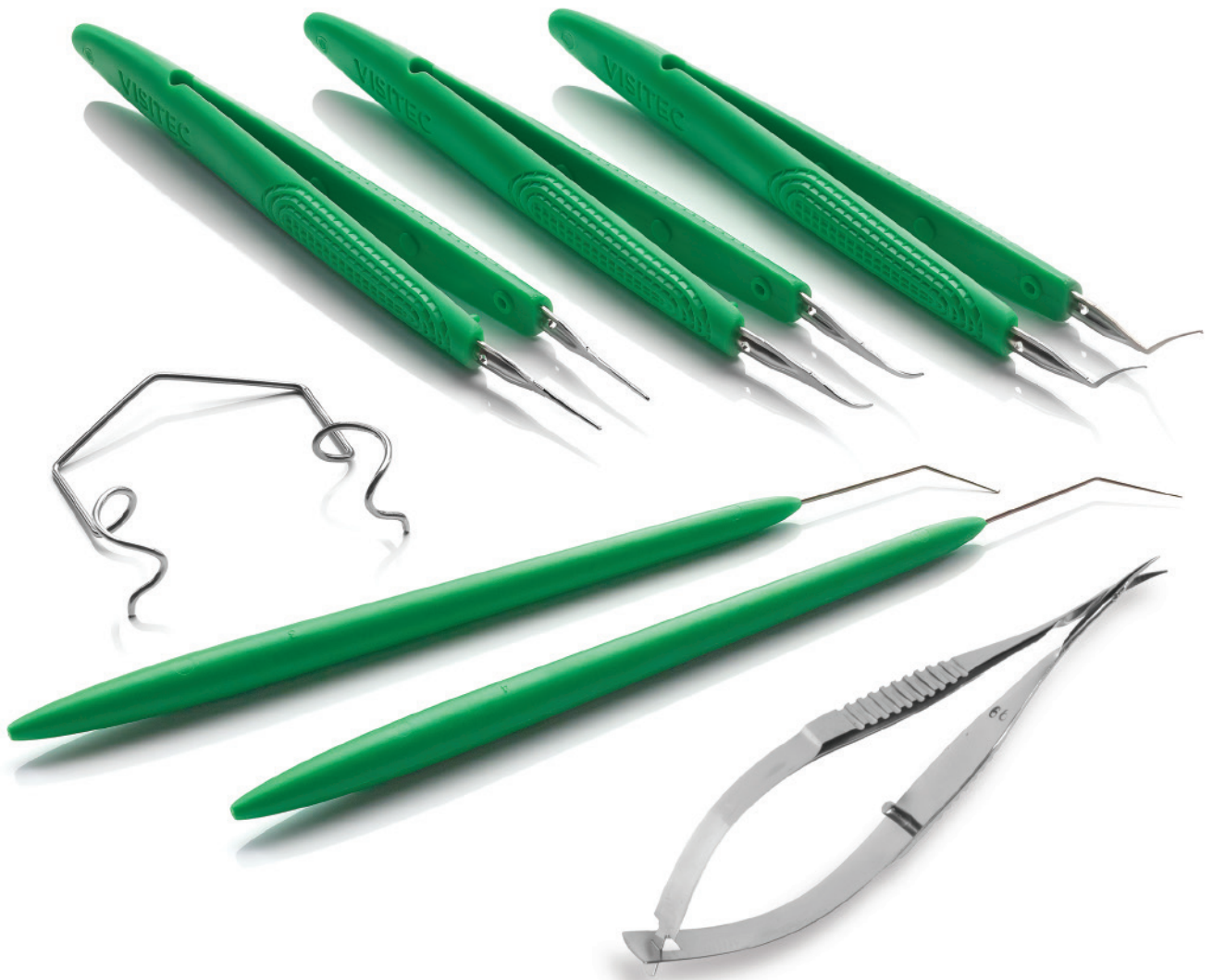


Item #	Description
585163	.90 x 4 mm (20G x 5/32 in): 45 degree bevelled tip

Visitec® Single-Use Instruments

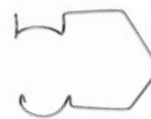
High-quality Visitec instruments enable an easy transition from reusable to single-use:

- Forceps
- Manipulators
- Speculums
- Scissors



Visitec Spring Speculums

581413 Eye Speculum
Open wire loops. 40 x 30 mm, 14 mm blades.
0.8 mm wire size.
10 per box.



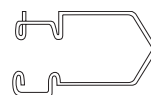
581443 Eye Speculum
Open wire loops. 40 x 30 mm, 14 mm blades.
0.9 mm wire size.
10 per box.



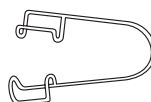
581477 Eye Speculum [Barraquer]
Adult, closed loop wire 14 mm blades.
Width 28 mm. 0.8 mm wire size.
10 per box.



585094 Eye Speculum [Kratz/Barraquer]
Open wire loops, 40 x 26.5 mm.
Retraction size 13 x 4.5 mm.
3 per box.



585203 Pediatric Eye Speculum [Wortham]
Overall size: 34 x 21 mm. Retraction size: 10 x 3.5 mm.
Arms are slightly offset to accommodate placement in very small eyes.
3 per box.



581474 Eye Speculum [Barraquer]
Adult, solid 13 mm blades.
Blade spread 31 mm.
10 per box.



Visitec Adjustable Speculums

581475 Eye Speculum [Castroviejo]
Fenestrated blades with screw controlled spread.
Overall length 84 mm.
10 per box.



581478 Eye Speculum [Lieberman]
Open 14 mm wire blades with screw controlled spread.
10 per box.



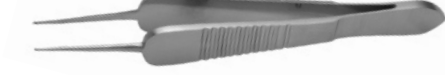
585297 Adjustable Plastic Eye Speculum
Solid blade, gear controlled spread.
Overall length 83 mm.
10 per box.



Visitec Capsulorhexis Forceps

581488	Next Generation Capsulorhexis Forceps (Sharp Tips) Designed to cut and grasp/tear the capsule. Round handle. Curved. 10 per box.		
581486	Next Generation Capsulorhexis Forceps (Grasping Tips) Designed to be used following capsule penetration via a cystotome or femto laser. Round handle. Curved. 10 per box.		
581481	Capsulorhexis Forceps [Utrata] Straight, cystotome tip, 11 mm long. Flat handle, overall length 100 mm. Designed to fit in 1.8 mm incision. 10 per box.		
581482	Capsulorhexis Forceps [Masket] Curved, cystotome tip, 11 mm long. Flat handle, overall length 100 mm. Designed to fit in 1.8 mm incision. 10 per box.		
581483	Capsulorhexis Forceps [Utrata] Straight, cystotome tip, 11 mm long. Round handle. Overall length 108 mm. Designed to fit in 1.8 mm incision. 10 per box.		

Visitec Tissue Grasping Forceps

581489	Next Generation Bonn Forceps Toothed forceps with tying platforms for handling sutures. Round handle. 10 per box.		
581409	Bonn Forceps 0.12 mm 1 x 2 teeth with 5 mm platform, flat handle. Overall length 100 mm. Used to grasp tissues. 10 per box.		
581456	Colibri Forceps [Barraquer] 0.12 mm 1 x 2 teeth, flat handle. Overall length 77 mm. Used to grasp tissues. 10 per box.		
581436	Moorfield Forceps Straight with 14 mm grooved section, flat handle. Overall length 120 mm. Used to grasp tissue, conjunctiva, etc. 10 per box.		
581460	Suture Forceps [Paufigue] Straight shaft with 1 x 2 teeth, 6 mm tying platform, flat handle. Overall length 85 mm. Used to grasp sutures. 10 per box.		

Visitec Tying Forceps

581490 Next Generation Tying Forceps
8 mm curved tying platforms for handling sutures.
Round handle. 10 per box.



581411 Tying Forceps
Curved, 6 mm tying platform, flat handle.
Overall length 96 mm. Used to suture.
10 per box.

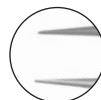


581459 Micro Tying Forceps
Straight, 6 mm tying platform, flat handle.
Overall length 105 mm. Used to suture.
10 per box.

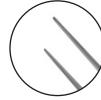


Visitec General Forceps

581458 Jewelers Forceps
No. 3. Straight forceps, flat handle.
Overall length 100 mm.
10 per box.



581416 MacPherson Forceps
Angled, 12 mm from tip to bend. Shaft tapers
to 0.175 mm, flat handle. Overall length 100 mm.
Used to implant intraocular lenses. 10 per box.



581480 Vitreoretinal Forceps
Straight, platform on tips. Tip length 31 mm.
Overall length 146 mm. Designed to fit 23G incision.
Used for vitreoretinal membrane removal. 5 per box.



Visitec® Needle Holder

Visitec Needle Holder

581417 Needle Holder
Curved 6 mm jaws. Overall length 105 mm.
WITHOUT LOCK. Used to hold the needle and
perform with various suture types.
10 per box.



581468 Needle Holder [Barraquer]
Curved 6 mm jaws. Overall length 120 mm.
WITH LOCK. Used to hold the needle and
perform with various suture types.
10 per box.



Visitec Scissors

581422	Vannas Scissors Curved, 9.5 mm blades with sharp pointed tips. Overall length 90 mm. Used to perform small corneal incisions and cut the capsule. 10 per box.		
581437	Westcott Scissors 23 mm blades with blunt tips. Overall length 105 mm. Allows cutting/segregation of tissues and cutting sutures. 10 per box.		
581472	Westcott Scissors 16 mm blades with blunt tips. Overall length 112 mm. Allows cutting/segregation of tissues and cutting sutures. 10 per box.		
581471	Strabismus Scissors Curved, 28 mm blades. Overall length 104 mm. Used to cut ocular muscles. 10 per box.		

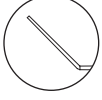
Visitec Choppers

Visitec Choppers

581467	Phaco Chopper [Nagahara] 1.4 mm tip with blade offset at 45 degree angle. Overall length 115 mm. Used to break up the nucleus. 10 per box.		
585181	Nucleus Chopper [P. Koch] (plastic handle) 45 degrees, 6 mm from tip. Tip angled 90 degrees, 1.5 mm from end. Used as a second instrument to break up the nucleus within the capsular bag during two-handed phaco techniques. 3 per box.		

Manipulators

Visitec Cataract Manipulators

585038	IOL Manipulator [Lester] (plastic handle) Angled 45 degrees, 10 mm from end, .25 mm diameter. 3 per box.		
585069	Button Tip Manipulator (plastic handle) Angled 45 degrees, .50 mm diameter button tip. 15 mm from end. May be used for IOL manipulation or iris retraction. 3 per box.		
585077	Nucleus Rotator [Jaffe/Bechert] (plastic handle) 45 degrees, blunt forked tip. 9 mm from end. For rotating nucleus during phacoemulsification. 3 per box.		
581412	Burrato's Hook Angled, 0.25 mm diameter, blunt tip. Overall length 120 mm. Used to manipulate the nucleus. 10 per box.		
581423	Micro Manipulator Angled, 0.35 mm diameter, blunt tip. Overall length 120 mm. Used to manipulate the nucleus. 10 per box.		
581441	Micro Manipulator (plastic handle) Angled, 0.35 mm diameter, blunt tip. Overall length 130 mm. Used to manipulate the nucleus. 10 per box.		
581442	Sinskey Hook (plastic handle) Angled 45 degrees, 10 mm from tip. Hook 0.85 mm tip to bend distance. Overall length 130 mm. Used to manipulate nucleus or intraocular lenses. 10 per box.		
585022	IOL Manipulator [Jaffe/Maltzman] (plastic handle) Angled 45 degrees, 12 mm from end, blunt tip. Fits .20 mm diameter holes and larger. 3 per box.		
585062	IOL Manipulator [Sinskey] (plastic handle) Straight, blunt tip. Fits .20 mm diameter holes and larger. 3 per box.		
585063	IOL Manipulator [Sinskey] (plastic handle) Angled 45 degrees, 15 mm from end, blunt tip. Fits .20 mm diameter holes and larger. 3 per box.		
581464	Lens Manipulator [Lester] Angled, 0.44 mm diameter hourglass shape tip. Overall length 115 mm. Used for IOL manipulation. 10 per box.		
581466	Nucleus Rotator [Pisacano] Angled, 0.70 mm diameter flat, blunt tip. Overall length 115 mm. Used to manipulate the nucleus. 10 per box.		

LASIK Manipulators

585233	LASIK Flap Roller [Lindstrom] 14 mm sleeve. Used after realignment. Acts as a squeegee to remove excess fluid from the interface, smooths flap and removes folds. 5 per box.		
585254	LASIK Cap/Flap Elevator [Kritzinger/Updegraff] Designed to automatically lift corneal cap/flap during corneal lamellar surgery. Angled end is used for separating epithelium around previous incision. Spatulated end used to lift corneal flap. 5 per box.		 
585141	Spatula [Pearce] .80 mm (45 degrees). 10 mm from end. Smooth round edges allow for safe manipulation within the eye. 5 per box.		
585189	Excimer Spatula [Lindstrom/Vorkas] Designed to provide a large area for scraping the corneal epithelium prior to excimer laser treatment. 5 per box.		
585213	PRK Spatula Thin, smooth bottom edge for gently scraping away epithelium. Spatula tip and top are slightly sharpened to facilitate more aggressive scraping. 5 per box.		

Beaver® Swivel Fixation Ring

Beaver Swivel Fixation Ring

372242	Beaver Swivel Fixation Ring 13 mm. A polypropylene ring with nine fixation points on the contact surface. Designed with an integrated hinge, allowing for use in multiple positions. These features combine to provide effective immobilization of the globe without the trauma often associated with metal fixation rings. In addition, 30° increment markers on the top of the ring provide guidance when performing Limbal Relaxing Incisions. 5 per box.	
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Visitec Chalazion Instruments

- 581450 Chalazion Forcep [Desmarres]**
Oval solid 26 mm wide lower plate. Upper plate oval with inside dimensions 15 mm x 23 mm. Overall length 105 mm. Used to isolate chalazion. 10 per box.



- 581461 Chalazion Curette**
Double ended, sharp, 1.50 mm and 2.50 mm diameter. Overall length 130 mm. 10 per box.



Visitec Single-Use Instrument Kit

- 581438 Single-Use Instrument Kit**
Includes: 1 - Bonn Forceps
1 - 581441 Micro Manipulator (plastic handle)
1 - 581442 Sinskey Hook (plastic handle)
1 - 581443 Eye Speculum (open blade) 10 per box.
1 - 581488 Capsulorhexis forceps (Sharp)
10 per box.

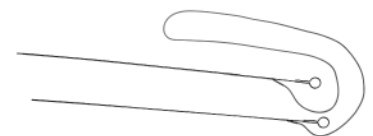
Visitec Lacrimal Instruments

Visitec Lacrimal Instruments

- 8590350 Guibor CIS**
Includes gently curved, stainless steel probes with smooth, rounded tips. Unique stepped probe design enables smooth transition in pass-through intubation. Probes - 17.7 cm length, 0.64 mm diameter. Biocompatible silicone tubing - 29 cm length, 0.64 mm diameter. 5 per box.

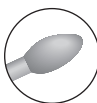
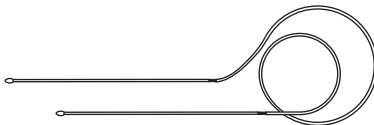
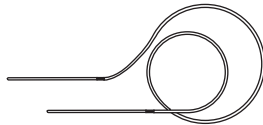
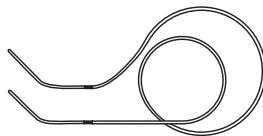
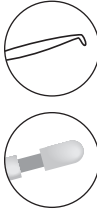
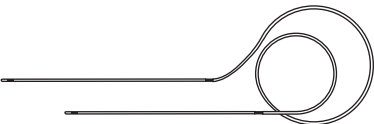
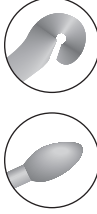
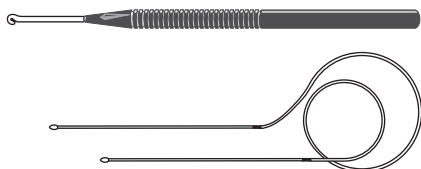
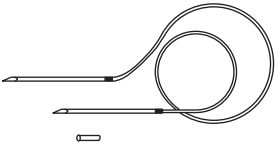


- 8590450 C-Line® CIS**
Includes malleable stainless steel stylette encased in low friction nylon sheath. The stylette handles assist in controlled manipulation during insertion and retraction. The rounded tip, nylon sheath offers a smooth transition to silicone tubing. Probes - 15.5 cm length, 0.51 mm diameter. Nylon sheath - 0.81 mm diameter. Biocompatible silicone tubing - 33 cm length, 0.64 mm diameter. 5 per box.



- 585010 Lacrimal Intubation Set**
Stainless steel probes with silicone tubing. Probes - 17.5 cm length x 0.60 mm diameter (7 in x 23G) Silicone tubing - 35 cm length, 0.30 mm inside diameter, 0.64 mm outside diameter. 3 per box.



585126	Lacrimal Intubation Set Stainless steel probes with olive shape tips. Probes - 11 cm length x 0.40 mm diameter (4 1/4 in x 27G). Silicone tubing - 35 cm length, 0.30 mm inside diameter, 0.64 mm outside diameter. 3 per box.		
585011	DCR Set, Straight [O'Donoghue] Stainless steel probes - 4.5 cm length x 0.90 mm diameter (1 3/4 in x 20G) Solid silicone tubing - 40 cm length x 0.80 mm diameter. 3 per box.		
585012	DCR Set, Angled [O'Donoghue] Stainless steel probes - 4.5 cm length x 0.90 mm diameter (1 3/4 in x 20G), with 45 degree bend 15 mm from tip. Solid silicone tubing - 40 cm length x 0.80 mm diameter. 3 per box.		
585013	Lacrimal Intubation Set with Retrieval Device Stainless steel probes and retrieval device. Probes - 11 cm length x 0.60 mm diameter (4 1/4 in x 23G). Silicone tubing - 35 cm length, 0.30 mm inside diameter, 0.64 mm outside diameter. Retrieval device is designed to slide into notch of probe for removal from the inferior meatus. 3 per box.		
585151	Lacrimal Intubation Set with Retrieval Device Stainless steel probes with olive shape tips and retrieval device. Probes - 11 cm length x 0.40 mm diameter (4 1/4 in x 27G). Silicone tubing - 35 cm length, 0.30 mm inside diameter, 0.64 mm outside diameter. 3 per box.		
585124	Punctal Dilator and Probe [Khan] 25 mm (1 in) medium taper, blunt. Wilder style dilator mated with a size 0 Bowman lacrimal probe, .70 mm x 45 mm (22G x 1 3/4 in). Dual function instrument allows for single handed, comfortable transition from dilating to probing without release of lateral lid traction. 3 per box.		 
585192	Frontalis Suspension Set [Seiff] Stainless steel needles .90 mm x 6.3 cm (20G x 2 1/2 in). Solid silicone tubing length 40 cm (15 3/4 in); diameter .80 mm (.032 in). Silicone tubing sleeve length 10 mm (3/8 in); ID - 1 mm (.04 in); OD - 2 mm (.08 in) 3 per box.		
8590550	Fiber Optic CIS Includes illuminated, stainless steel, fiber optic cannula with nylon sheath. The rounded tip, nylon sheath offers a smooth transition to silicone tubing. The set includes a pen light. Fiber optic cannula - 15.5 cm length, 0.51 mm diameter Nylon sheath - 0.81 mm diameter Biocompatible silicone tubing - 33 cm length, 0.64 mm diameter 1 per box.		

Iris Retraction

Experience the latest innovation in small pupil expansion with the Visitec® I-Ring® Pupil Expander

- Gentle on iris
- Iris quickly returns to natural shape post surgery
- Easy insertion and removal



Visitec® I-Ring® Pupil Expander

Visitec I-Ring Pupil Expander

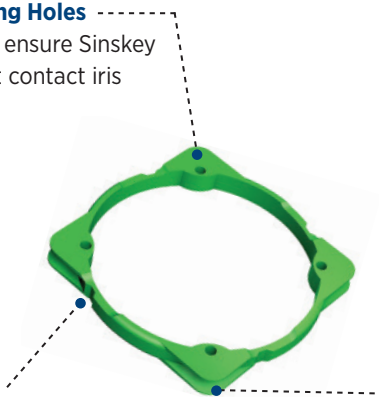
The I-Ring is designed to safely expand the iris to increase the surgeon's field of view. The I-Ring helps improve access to the lens while protecting the iris. Single-use sterile product.

- Gentle on iris and other intraocular tissue
- Iris quickly returns to natural shape post surgery
- Easy insertion and removal

Item #	Description
587000	Visitec I-Ring Pupil Expander. 6 per pack.
587001	Visitec I-Ring Pupil Expander. 1 per pack.

Safe Positioning Holes

- Designed to ensure Sinsky hook cannot contact iris



Living Hinges

- Enhance flexibility of ring
- Reliable folding during insertion and removal
- Easy to grasp with Insertor

Channels

- Do not distort or pinch iris when engaged or removed
- Provide vertical stability of iris diaphragm
- Easy engagement and disengagement

Endo Optiks® Laser Endoscopy

Endo Optiks specialises in ophthalmic endoscopy for the treatment of glaucoma, retinal diseases, and other applications such as foreign body removal, and visualising areas of the eye that are otherwise inaccessible.



Endo Optiks® Laser Endoscopy Systems

The E2 and E4 endoscopy systems provide high resolution video imaging and wide field illumination. The E2 includes an integrated diode laser offering simultaneous treatment and visualisation for glaucoma and retinal applications. All endoscopes and probes are for use with these systems.

OME2000 E2 Ophthalmic Laser Endoscopy System

The E2 system uniquely combines endoscopic imaging and laser treatment capability. The console houses a high resolution video camera, 175 or 300 watt xenon light source and an 810nm diode laser. The E2 offers versatility like no other ophthalmic surgical instrument with targeted, controlled laser delivery for the treatment of glaucoma and retinal disorders and valuable diagnostic imaging.



OME4000 E4 Ophthalmic Endoscopy System

The E4 high resolution endoscopy system can be coupled with various external lasers for triple function laser endoscopy.



Laser Endoscopes and Probes

Our patented ophthalmic laser endoscopes and probes are available in triple function, dual function and single function configurations, delivering a combination of laser, high resolution imaging and wide field illumination through one single microprobe.

Triple Function Ophthalmic Laser Endoscopes



Item #	Gauge	Cannula	High Resolution	Laser	Camera	Light	Custom Laser Connection	E2 Compatibility	E4 Compatibility
OME230SMAHRXA	23	Straight	✓	✓	✓	✓	✓	✓	✓
OME230SMAXA	23	Straight		✓	✓	✓	✓	✓	✓
OME200SMAEA	20	Straight		✓	✓	✓		✓	
OME200SMAXA	20	Straight		✓	✓	✓	✓		✓
OME200SMAVA	19	Curved		✓	✓	✓		✓	
OME200SMAXVA	19	Curved		✓	✓	✓	✓		✓
OME200SMAHRA	19	Straight	✓	✓	✓	✓		✓	
OME200SMAHRVA	19	Curved	✓	✓	✓	✓		✓	
OME200SMAHRXA	19	Straight	✓	✓	✓	✓	✓		✓
OME200SMAHRXVA	19	Curved	✓	✓	✓	✓	✓		✓

Dual Function Ophthalmic Endoscopes



Item #	Gauge	Cannula	High Resolution	Laser	Camera	Light	Custom Laser Connection	E2 Compatibility	E4 Compatibility
OME230LA	23	Straight			✓	✓		✓	✓
OME230HRA	23	Straight	✓		✓	✓		✓	✓
OME200LA	20	Straight			✓	✓		✓	✓
OME200HRA	20	Straight	✓		✓	✓		✓	✓
OME200LVA	19	Curved			✓	✓		✓	✓

Dual Function Ophthalmic Laser Probes

Item #	Gauge	Cannula	High Resolution	Laser	Camera	Light	Custom Laser Connection	E2 Compatibility	E4 Compatibility
VPH230LA	23	Straight		✓		✓		✓	✓
OME20LA	20	Straight		✓		✓		✓	✓

Single Function Ophthalmic Probes

Item #	Gauge	Cannula	High Resolution	Laser	Camera	Light	Custom Laser Connection	E2 Compatibility	E4 Compatibility
VPH250A	25	Straight		✓				✓	
VPH230A	23	Straight		✓				✓	
VP230WA	23	Straight				✓		✓	✓
VP200WA	20	Straight				✓		✓	✓

Video Adapters

These couplers offer optimum zoom and manual focus of the endoscopic image. 810nm laser filters installed in all models and 532nm options available.



Item #	Description
OME300Z	10K Video Adapter (For Use With Standard 10K Endoscopes)
OME300ZMG	10K Video Adapter With 532nm & 810nm Filter (For Use W/10K Endoscopes)
OME600ZMG	6K Pixel Video Adapter With 532nm & 810nm Filter (For Use W/23G Endoscopes)
OME170Z	17K Pixel Video Adapter (For Use W/17K High Res. Endoscopes)
OME170ZMG	17K Pixel Video Adapter With 532nm & 810nm Filter (For Use W/17K Endoscopes)

Monitors

Medical grade monitors offered specifically to achieve optimum quality of the endoscopic image and compatibility with E2, E4 and mounting arm.



Item #	Description
MON004	15" Sony Medical Grade Monitor
MON006	26" Medical Grade Monitor Enhanced Brightness And Contrast
MON007	17" Medical Grade High Resolution LCD Flat Screen
CT002-FPA	Adjustable Flat Panel Monitor Arm To Fit CT002 System Cart

Footswitches

Non-slip laser energy control for E2 system. Optional illumination control via side paddles compatible with E2 and E4.

Item #	Description
SW002	Footswitch With Illumination And Laser Control
SW003	Footswitch With Laser Control

Endo Optiks Accessories

Flight Case

Custom foam padded flight cases with wheels and telescopic handles.

Item #	Description
FC2720	E4 Flight Case
FC401655	E2 Flight Case

Custom Operating Room System Cart

Two shelved cart with accessory drawer, cable management feature, and 4" castors for E2 and E4 system. Offers stability, style and mobility for any operating room.

Item #	Description
CT002	Laser Endoscopy System Cart

Diode Laser Safety Filter

810nm safety filter for Operating Microscope.

Item #	Description
OME100LF	Filter For Zeiss Microscope
OME100LFW	Filter For Wilde Microscope

Sterilisation Tray

7 x 11" Single layer tray with rubber fingered mat for all endoscopes and probes.

Item #	Description
VP6200	Endoscope Sterilisation Tray

Diode Laser Safety Goggles

810nm diode laser safety goggles for use with or without eyeglasses.

Item #	Description
LG001	Laser Safety Goggles

Endoscope Connector Caps

Protective caps for endoscope light, camera and laser connectors.

Item #	Description
EO-CAP-S	50ea Video/Light And 10ea Laser

Endoscope Tip Protector

Polycarbonate protector tube for 23G endoscope cannulas (not autoclavable)

Item #	Description
NC001-A	23G Endoscope Tip Protector

Punctal Occlusion

Visibly Different

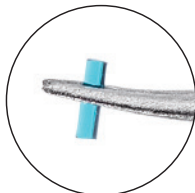
Discover why BVI is the world leader in punctal occlusion — providing solutions for every stage in your patients' continuum of care.



Parasol®
(Permanent Occlusion)



Plus™
(Permanent Occlusion)



**Extend® Absorbable
Synthetic Implants**
(Mid-Term Occlusion)



Micro Flow™
(Partial Occlusion)

Permanent Occlusion

Parasol® (Permanent Occlusion)

A breakthrough product offering unparalleled retention, simple sizing and ease of insertion. Made of medical grade silicone, the Parasol provides permanent, though easily reversible, occlusion for chronic dry eye.



Parasol Sterile Pre-Loaded Punctal Occluders

Occluders are packaged in a convenient (1) pair tray. Each occluder is individually sterile and pre-loaded on a high-quality disposable inserter.



Item #	Description
A14-200	X-Small (0.25 mm - 0.35 mm)
A14-201	Small (0.35 mm - 0.65 mm)
A14-202	Medium (0.6 mm - 0.85 mm)
A14-203	Large (0.9 mm+)

Parasol Sterile Quickload™ Punctal Occluders

Combines sterile convenience with bulk economy. Occluders are supplied sterile, pre-mounted on a stand. 8 pair per box. 16 occluders total. Reusable inserters sold separately.



Item #	Description
A14-201QL	Small (0.35 mm - 0.65 mm)
A14-202QL	Medium (0.6 mm - 0.85 mm)
A14-203QL	Large (0.9 mm+)
A14-205QL	Combo Pack (4 pair Small, 4 pair Medium)

Parasol Non-Sterile Bulk Punctal Occluders

Occluders are supplied non-sterile, 2 plugs per poly bag. 10 pair per box. 20 occluders total. Reusable inserters sold separately.



Item #	Description
A14-201BN	Small (0.35 mm - 0.65 mm)
A14-202BN	Medium (0.6 mm - 0.85 mm)
A14-203BN	Large (0.9 mm+)
A14-209BN	Combo Pack (5 pair Small, 5 pair Medium)

Plus™ (Permanent Occlusion)

The Plus design is the result of BVI's proprietary micro-molding manufacturing process using a soft medical grade silicone. Fifteen years of clinical implantation reveal the following design features provided:

- A sharply angled nose for easy insertion
- Delicate contoured edges
- An ultra-smooth surface finish
- Excellent retention



Plus Sterile Pre-Loaded Punctal Occluders

Occluders are packaged in a convenient (1) pair tray. Each occluder is individually sterile and pre-loaded on a high-quality disposable inserter.



Item #	Description
A14-204	Small (0.4 mm – 0.55 mm)
A14-205	Medium (0.55 mm – 0.7 mm)
A14-206	Large (0.7 mm – 0.85 mm)
A14-207	X-Large (0.85 mm+)

Plus Non-Sterile Bulk Punctal Occluders

Occluders are supplied non-sterile, 2 plugs per poly bag. 10 pair per box. 20 occluders total. Reusable inserters sold separately.



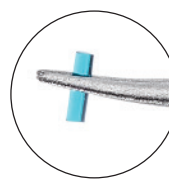
Item #	Description
A14-204BN	Small (0.4 mm – 0.55 mm)
A14-205BN	Medium (0.55 mm – 0.7 mm)
A14-206BN	Large (0.7 mm – 0.85 mm)
A14-207BN	X-Large (0.85 mm+)

Mid-Term and Partial Occlusion

Extend® Absorbable Synthetic Implants (Mid-Term Occlusion)

Extend Absorbable Synthetic Implants provide occlusion for up to 3 months for patients experiencing short-term dry eye symptoms. These implants are ideal for the transient dry eye associated with LASIK or other ocular surgeries. Extend implants can also be used for allergy sufferers, contact lens discomfort, climate change or to sustain drug contact time and effectiveness.

20 implants per box, packaged in 10 individual pairs.



Item #	Description
A13-202	0.2 mm x 2.0 mm, 10 pair; 20 implants
A13-203	0.3 mm x 2.0 mm, 10 pair; 20 implants
A13-204	0.4 mm x 2.0 mm, 10 pair; 20 implants
A13-205	0.5 mm x 2.0 mm, 10 pair; 20 implants
A13-200	Variety Pack 0.3 mm - 3 pair 0.4 mm - 5 pair 0.5 mm - 2 pair

Micro Flow™ (Partial Occlusion)

Designed to provide a simple, reversible means of partial occlusion, Micro Flow Punctal Occluders limit the drainage of tears into the lacrimal duct. Ideal when total occlusion is too much.



Micro Flow Sterile Pre-Loaded Punctal Occluders

Individually sterile. Pre-loaded onto a high-quality disposable insertion instrument. 1 pair tray, 2 occluders total.



Item #	Description
A14-401	Small (0.4 mm - 0.55 mm)
A14-402	Medium (0.55 mm - 0.7 mm)
A14-403	Large (0.7 mm - 0.85 mm)

Partial Occlusion

Micro Flow Non-Sterile Bulk Punctal Occluders

Occluders are supplied non-sterile, 2 plugs per poly bag.



Item #	Description
A20-401BN	Small (0.4 mm - 0.55 mm)
A20-402BN	Medium (0.55 mm - 0.7 mm)
A20-403BN	Large (0.7 mm - 0.85 mm)

Reusable Insertion Instrument**A14-300 Non-Sterile Reusable Insertion Instrument**

For use with bulk punctal occluders. 1 pair.

**Jewellers Forceps****3740 Ocutek Jewelers Forceps #7**

#7 Curved tip forceps are ideal for insertion of collagen and Extend implants, as well as removal of the Parasol, if needed. 1 instrument. Reusable



Electrosurgery

Precise, Targeted Electrosurgical Solutions

Beaver-Visitec International offers a broad range of specialty electrosurgery devices for Vitreoretinal, Glaucoma and Cataract procedures, including Wet-field® Erasers® and Accu-Temp® Cauteries. Our electrosurgery devices are designed for precise, discrete coagulation and cauterisation, with minimal tissue trauma.



Wet-Field® Eraser®

Wet-Field Erasers provide targeted and discrete coagulation with minimal tissue trauma for vitreoretinal procedures, glaucoma filtration and cataract incisions.

Straight Eraser styles are available in 18 GA, 20 GA, 20-23 GA tapered and 25 GA designs. Additional specialty products include hollow-core, passive/active aspiration devices with reflux and extrusion cannula modalities-combined with bipolar diathermy capability. Curved instruments facilitate traditional and extrusion assisted aspiration.

Wet-Field Hemostatic Eraser Bipolar 18G

10 per box.

221250 Wet-Field Hemostatic Eraser Bipolar
18G, bevel tip, straight.



221251 Wet-Field Hemostatic Eraser Bipolar
18G, blunt tip, angled 45 degrees.

**Wet-Field Hemostatic Eraser Bipolar 20G**

10 per box.

221260 Wet-Field Hemostatic Eraser Bipolar
20G, blunt tip, straight.



221260135 Wet-Field Hemostatic Eraser Bipolar
20G, blunt tip, angled 135 degrees.



221260150 Wet-Field Hemostatic Eraser Bipolar
20G, blunt tip, angled 150 degrees.

**Wet-Field Hemostatic Eraser Bipolar 20-23G Tapered**

5 per box.

221265 Wet-Field Hemostatic Eraser Bipolar
20-23G tapered, fine tip, straight.



221266 Wet-Field Hemostatic Eraser Bipolar
20-23G tapered, blunt tip, straight.



Wet-Field® Bipolar Instruments

Wet-Field Hemostatic Eraser Bipolar 23G

5 per box.

- 221268 Wet-Field Hemostatic Eraser Bipolar**
23G, fine tip, straight.



Wet-Field Hemostatic Eraser Bipolar 25G

Designed to provide fine tip hemostasis without compromising power delivery. 5 per box.

- 221267 Wet-Field Hemostatic Eraser Bipolar**
25G, fine tip, straight.



- 221267135 Wet-Field Hemostatic Eraser Bipolar**
25G, fine tip, angled 135 degrees.



- 221267150 Wet-Field Hemostatic Eraser Bipolar**
25G, fine tip, angled 150 degrees.



Wet-Field Hemostatic Eraser with Aspiration

Designed to reduce the need for instrument exchange during procedure. The Eraser® with active aspirator can be attached to a low vacuum I/A system for variable active aspiration and reflux.

- 221261 Wet-Field Hemostatic Eraser Bipolar**
20G, passive aspirator, straight.
5 per box.



- 221262 Wet-Field Hemostatic Eraser Bipolar**
20G, active aspirator with reflux, straight.
4 per box.



Wet-Field® Coagulators

The Wet-Field Coagulator is designed to provide precise episcleral, intrascleral, and intraocular hemostasis with reduced peripheral tissue trauma. Controlled Rf diathermy delivers targeted coagulation with the most comprehensive line of bipolar Eraser instruments, forceps and cables. 1 per box.



Item #	Description
221320	Hemostatic Coagulator (60 Hz), 100-240 volts, with foot switch, comes with disposable cables (22135010).
221340	Hemostatic Coagulator, International (50 Hz), 100-240 volts, with foot switch, comes with reusable cables (221202).
232345	Foot Switch. 1 per box.

Specifications

Weight:	4 lb. 2 oz. (1.9 kg)
Dimensions:	5.5" x 8.5" x 11" (139.7 mm x 215.9 mm x 279.4 mm)
Power Requirements:	100 - 240 VAC, 65 VA, 50/60 Hz
Output Waveform:	445 kilohertz (kHz) square wave variable burst length
Frequency Range:	445 kilohertz
Output Current Range:	36 - 641 milliamperes (mA rms) into a 50 non-inductive load, continuously variable
Output Power:	0.5 - 21 watts into a 50 ohms non-inductive load, continuously variable
Test Load:	50 ohms non-inductive load, neuro-surgical forceps input, using electrosurgical analyser
Rated Accessory Voltage:	210V Peak

Wet-Field® Bipolar Forceps

Bipolar forceps are designed to deliver gentle coagulation with no electrical arcing between the polished instrument tips for minimum coagulum adhesion. The insulated forcep blades are designed to reduce the possibility of electrical shock during operation.

Six available styles provide application versatility. The reliable tip position and consistent operating tension provide quality performance with each use. Reusable. 1 per box.

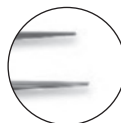
221204 Standard Forceps

Fine point, 15 degree angled tips, handle length 3.5 inches. Designed for pinpoint coagulation.



221206 Straight Iris Forceps

Fine point, jewellers forceps with straight tips, handle length 3.5 inches. MacPherson-style fine point microsurgical forceps designed for pinpoint coagulation.



Wet-Field® Bipolar Instruments

221207 Curved Iris Forceps

Fine point, jewellers forceps with 4 mm curved tips, angled 135 degrees, handle length 3.5 inches. MacPherson-style fine point microsurgical forceps.



221208 Adson Forceps

Broad tips, handle length 4.2 inches. Designed for facial plastic surgery.



221209 Coaptation Forceps

3.5 mm curved tips, angled 118 degrees, handle length 3.5 inches. Designed for sutureless closure of the conjunctiva.

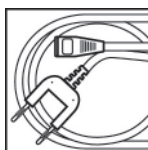


221211 Tenzel Forceps

Fine point, 15 degree angled tips, with adjustable tip spacer and built-in stop to prevent tips from touching. Handle length 3.5 inches.



Wet-Field® Bipolar Cables



Item #	Description
221202	Wet-Field Cables - Reusable. 3 per box.
22135010	Wet-Field Cables - Single-use, Sterile. 10 per box.
22135050	Wet-Field Cables - Single-use, Sterile. 50 per box.

Item #	Description
221220	Wet-Field Cables - Reusable, fixed lead. 1 inch distance. 1 per box.

Accu-Temp® Cautery Devices

Accu-Temp Cauteries provide a broad selection of tip styles for cauterization in a wide variety of ophthalmic procedures.

Accu-Temp High Temperature Cautery

Sterile, single-use. 10 per box.

8442000 Accu-Temp High Temperature Cautery
1205°C (2200°F),
1/2 in. shaft with fine tip.



8443000 Accu-Temp High Temperature Cautery
1205°C (2200°F),
1/2 in. shaft with loop tip.



8444000 Accu-Temp High Temperature Cautery
1205°C (2200°F),
2 in. shaft with loop tip.



8445000 Accu-Temp High Temperature Cautery
1205°C (2200°F),
2 in. shaft with fine tip.



8441500 Accu-Temp High Temperature Cautery
982°C (1800°F),
1/2 in. shaft with elongated Vasector fine tip.



Accu-Temp Low Temperature Cautery

Sterile, single-use. 10 per box.

8441000 Accu-Temp Low Temperature Cautery
677°C (1250°F),
1/2 in. shaft with fine tip.



Accu-Temp® Cautery Devices

Accu-Temp Variable Temperature Cautery - Dial Controlled

Sterile, single-use. 10 per box.

8440000 Accu-Temp Variable Low Temperature Cautery

454°-649°C (849°-1200°F),
1/2 in. shaft with fine tip.



8446000 Accu-Temp Variable High Temperature Cautery

813°-1148°C (1495°-2098°F),
1/2 in. shaft with fine tip.



Accu-Temp Interchangeable Tip Cautery - Reusable Handles, Single-Use Tips

The reusable cautery handles are used with the single-use tips. Each single-use tip is packaged sterile and includes a protective plastic sheath that is designed to protect the reusable handles from contamination during use.

8461000 Accu-Temp Variable Low Temperature Handle

454°-649°C (849°-1200°F)
(requires single-use tips),
10 per box.



8461020 Accu-Temp Fixed High Temperature Handle

1205°C (2200°F)
(requires single-use tips),
10 per box.



8461050 Accu-Temp Single-use Fine Tip

25 per box.



8461060 Accu-Temp Single-use Loop Tip

25 per box.



Wet-Field® Osher ThermoDot® Marker*

The Wet-Field Osher ThermoDot Marker was developed in conjunction with renowned cataract surgeon Dr. Robert Osher. The Wet-Field Osher ThermoDot Marker is an intraoperative bipolar instrument designed to create an ink-free, fine dot on the eye that can be used as a precise reference point for a variety of procedures, including astigmatic keratotomy and toric intraocular lens implantation.

221270 Wet-Field Osher ThermoDot Marker

25 GA, fine tip, curved, 5 per box.



*U.S. and International patents pending.

Fluid Control

Unparalleled Fluid Control

Beaver-Visitec International's range of fluid control products are designed to meet the needs of clinicians for a variety of ophthalmic procedures.



Eye Spears

Beaver-Visitec offers an extensive range of eye spears that are designed to meet the needs of clinicians for a variety of ophthalmic procedures. Triangle shaped spearhead, set on a malleable, polypropylene handle. Latex free.

Weck-Cel® Cellulose Eye Spears

The standard in eye surgical fluid control. Made from highly absorbent, natural, cellulose material. Designed for use in delicate, surgical areas. Designed to maintain rigidity during wicking process. Light blue handle.



Item #	Description
0008680	144 count, 6 per pouch, 24 pouches per box
0008685	180 count, 10 per pouch, 18 pouches per box

Merocel® PVA Eye Spears

Made from exclusive Merocel Polyvinyl Acetal (PVA) material. The Merocel material is highly absorbent, fast wicking and lint free. Designed to provide the surgeon with superior fibre free products for unparalleled fluid control. Blue handle. 7.16 cm (2.82 in) overall length.



Item #	Description
400101	180 count, 10 per pouch, 18 pouches per box
405101	50 count, 5 per pouch, 10 pouches per box

Keracel® LASIK PVA Eye Spears

Made from a patented high-density formulation of lint free Merocel Polyvinyl Acetal (PVA) material. Designed to benefit both the patient and surgeon, each device is absorbent and firm, allowing gentle manipulation of delicate tissues during LASIK and other corneal procedures. Red handle. 7.16 cm (2.82 in) overall length.



Item #	Description
403101	60 count, 3 per pouch, 20 pouches per box
410101	200 count, 10 per pouch, 20 pouches per box

Visitec® Eye Spears

Visitec Cellulose Eye Spear

Made from highly absorbent, natural, cellulose material. Fast wicking action delivers quick absorption of fluid from the surgical area. The flat tip provides precise application at the surgical incision. Magenta handle. 7 cm (2.75 in) overall length.



Item #	Description
581089	100 count, 5 per pouch, 20 pouches per box

Visitec® LASIK PVA Eye Spears

Made from highly absorbent PVA material. Designed for optimal tissue manipulation and controlled fluid absorption to facilitate flap alignment and adhesion.



Item #	Description
581751	Blue handle, 7.11 cm (2 13/16 in) 100 count, 10 per pouch, 10 pouches per box
581761	Orange handle, 7 cm (2 3/4 in) 100 count, 10 per pouch, 10 pouches per box

Visitec® LASIK PVA Expanded Eye Spear

Made from highly absorbent PVA material. Pre-expanded for convenience. Designed to provide instantaneous wicking. No need to pre-soak and fan.



Item #	Description
581709	Blue handle, 6.85 cm (2 11/16 in) 40 count, 2 per pouch, 20 pouches per box

Ultracell® and UltraClean Spears

Ultracell PVA Eye Spears

Made from highly absorbent PVA material. Designed for rapid recovery of fluids during cataract and other general ophthalmic procedures.



Item #	Description
40400-8	100 count, 5 per pouch, 20 pouches per box
40405-8	200 count, 10 per pouch, 20 pouches per box

UltraClean LASIK PVA Eye Spears

Compressed shape, designed for fast expanding. Made from highly absorbent, virtually lint free PVA material. Designed specifically for rapid recovery of fluids during LASIK and other corneal procedures.



Item #	Description
40810	100 count, 5 per pouch, 20 pouches per box
40815	100 count, 10 per pouch, 10 pouches per box

UltraClean LASIK Expanded Eye Spears

Designed for instantaneous wicking, pre-expanded tip. Made from highly absorbent, virtually lint free PVA material. No need to pre-soak and fan.



Item #	Description
40800	40 count, 2 per pouch, 20 pouches per box
40805	100 count, 10 per pouch, 10 pouches per box

Sponge Points and Strips

Weck-Cel® Sponge Points and Strips

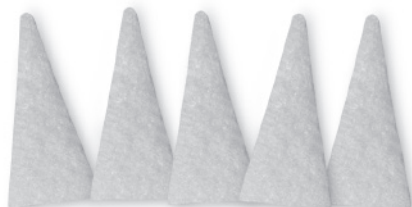
Made from highly absorbent, natural, cellulose material.



Item #	Description
0008660	Points and Strips. 144 count, 2 points and 6 strips per pouch, 24 pouches per box
0008661	Points. 240 count, 20 per pouch, 12 pouches per box

Merocel® Sponge Points

Made from exclusive Merocel Polyvinyl Acetal (PVA) material. The Merocel material is highly absorbent, fast wicking and lint free.



Item #	Description
400115	400 count, 20 per pouch, 20 pouches per box
410115	200 count, 10 per pouch, 20 pouches per box

Merocel® Corneal Light Shield

Used to protect hinge and posterior side of flap. Used to protect the retina from operating microscope light. Made from exclusive Merocel PVA material. The Merocel material is lint free. Designed to provide the surgeon with a superior fibre free product. 20 per box.



Item #	Description
400106	Corneal Light Shield, 8 mm (.3 in) diameter

Keracel® LASIK Corneal Shield

Round shield cut flat at one end to fit against the hinge of a LASIK corneal flap. Made from a patented high-density formulation of lint free Merocel Polyvinyl Acetal (PVA) sponge. Designed to provide the surgeon with a superior fibre free product. 10 mm diameter with straight edge. 20 per box.



Item #	Description
400121	Corneal Light Shield with straight edge

Visitec® Corneal Shield

PVA absorbent pad. Soft, porous structure protects the retina from operating microscope light. Contains no cellulose and does not leave lint or debris. Upon moistening, shield becomes soft and conforms to shape of cornea. Keeps cornea moist. Easy to remove. 20 per box.



Item #	Description
581062	Corneal Light Shield, 8 mm (.3 in) diameter

Ultracell® Corneal Light Shield

Used to protect hinge and posterior side of corneal flap. Used to protect the retina from the operating microscope light. Made from PVA material. 20 per box.



Item #	Description
40420	Corneal Light Shield, 7 mm (.28 in)

Eye Drains

Merocel® Eye Drain

- 400116 Merocel Crystal Anaesthesia Ring**
12 mm inside ring diameter. 10 per box.



Keracel® Eye Drains

- 400122 Keracel Chayet Drainage Ring**
12 mm hole diameter. Oval-shaped sponge to wick fluid and serve as a soft lint-free bed to place the corneal flap. 20 per box.



- 400138 Keracel Yavitz Drainage Ring and Flap Cover**
Inside ring diameter 11 mm. Universal drain that can be used with nasal or superior positioned flaps. Integrated flap covers keep tissue hydrated and protect flap from debris. 20 per box.



Visitec® Eye Drains

- 581098 Visitec LASIK Eye Drain [Chayet]**
Inside ring diameter 10 mm. Reduces stromal bed hydration for a consistent ablation. Designed for nasally hinged flaps. 20 per box.



- 581099 Visitec LASIK Eye Drain [Banaji]**
Used to protect hinge and posterior side of corneal flap. 8 mm (.31 in) diameter with straight edge. 20 per box.



- 581707 Visitec Sponge [Salz]**
Inside ring diameter 13 mm. Unique 2-in-1 design. Allows simultaneous absorption of excess fluid and protection of flap and hinge. U.S. Patent 6192888 and U.S. Patent 622246. 20 per box.



Eye Wicks

Wicks absorb and direct fluid from surgical area into fluid collection bag.



Item #	Description
400111	Merocel® Eye Wick 2 per pouch, 10 per box
581048	Visitec® Eye Fluid Wick 20 per box.

Merocel® Fluid Collection Bags

Merocel fluid collection bags provide continuous control of fluid throughout the procedure. The wicks are made from highly absorbent, fast wicking, lint free Merocel PVA material.

400108 Fluid Collection Bag with Wick

Bag: 21.6 cm x 5.1 cm (8.5 in x 2.0 in), 80 cc capacity
Wick: Includes one, 15.2 cm (6 in). 20 per box.

400109 Fluid Collection Bag with Wick

Bag: 21.9 cm x 10.2 cm (8.6 in x 4.0 in), 400 cc capacity
Wick: Includes two, 20.3 cm (8 in). 10 per box.

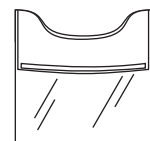


Visitec® Fluid Collection Bags

For procedures where collection and control of fluid is designed to keep surgeon, patient and floor dry. Reduces operating room cleanup and turnaround time. Bags have an adhesive backing to adhere to surgical drape.

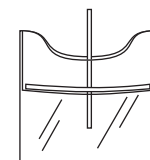
581005 Fluid Collection Bag

Bag: 17 cm x 16 cm (6 3/4 x 6 1/4 in), 250 ml capacity.
20 per box.



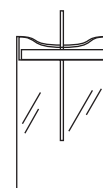
581006 Fluid Collection Bag with Wick

Bag: 17 cm x 16 cm (6 3/4 x 6 1/4 in), 250 ml capacity.
Wick: Includes one, .40 cm x 15 cm (5/32 x 5 7/8 in).
20 per box.



581070 Mini Fluid Collection Bag with Wick

Bag: 9 x 16 cm (3 1/2 x 6 1/4 in), 100 ml capacity
Wick: Includes one, .40 x 15 cm (5/32 x 5 7/8 in).
20 per box.



Instrument Wipes

Instrument Wipes

Merocel® Instrument Wipes

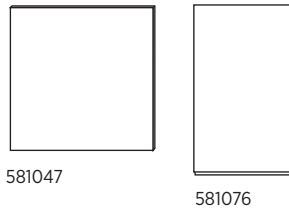
Merocel wipes are designed to provide the surgeon with superior fibre free products for unparalleled fluid control and safe cleaning of fine microsurgical instruments. The exclusive Merocel® material is highly absorbent, fast wicking, lint free, Polyvinyl Acetal (PVA). 20 per box.



Item #	Description
223620	Instrument Wipe 76.2 x 76.2 mm (3 x 3 in)
400200	Instrument Wipe 92.1 x 76.2 mm (3.625 x 3 in)
400207	Instrument Wipe 76.2 x 76.2 mm (3 x 3 in)
223621	Wipe with Wick 76.2 x 76.2 mm (3 x 3 in)
400210	Wipe with Wick 92.1 x 76.2 mm (3.625 x 3 in)
400204	Wipe with Adhesive Back 50.8 x 50.8 mm (2 x 2 in)

Visitec® Visiwipe Instrument Wipes

20 per box.



Item #	Description
581047	Instrument Wipe 7.3 x 7.3 cm (2 7/8 x 2 7/8 in)
581076	Adhesive Wipe 7.6 x 4.5 cm (3 x 1 3/4 in)

Ultracell® Instrument Wipes

20 per box.



Item #	Description
90910	Instrument Wipe 76.2 x 76.2 mm (3 x 3 in), 1 mm thick

Merocel® Diamond Cleaning Block

4.5 cm block. Made of highly absorbent, lint-free PVA material. Single-use, sterile. 1 per box.

Item #	Description
400119	Merocel® Diamond Cleaning Block

Fluid Control Kits*

400113 Merocel® Cataract Kit

Includes: 5 - 400101 Merocel eye spears
 1 - 400200 instrument wipe
 1 - 400106 corneal light shield
 1 - 400108 80 cc collection bag with wick
 10 per box.

**400117 Merocel® Eye Kit**

Includes: 1 - 400210 wipe with wick
 1 - 400106 corneal light shield
 20 per box.

**223622 Merocel® Instrument Wipe Kit**

Includes: 1 - 223621 wipe with wick
 1 - 400106 corneal light shield
 20 per box.

**453101 Keracel® LASIK Spear Kit**

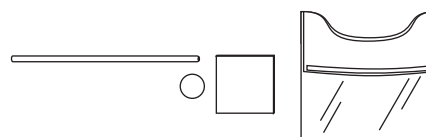
Includes: 3 - 403101 Keracel eye spears
 5 - 400101 Merocel eye spears
 20 per box.

**400131 Keracel® Cleanfield® LASIK Kit**

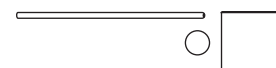
Includes: 5 - 410101 Keracel eye spears
 1 - 400122 Chayet drainage ring
 1 - 400121 LASIK corneal shield
 1 - 400207 instrument wipe
 10 per box.

**581065 Visitec® Microsurgical Accessory Kit**

Includes: 1 - 581005 fluid collection bag
 1 - 581047 instrument wipe
 1 - 581048 eye fluid wick
 1 - 581062 corneal light shield
 20 per box.

**581066 Ophthalmic Surgery Kit**

Includes: 1 - 581047 instrument wipe
 1 - 581048 eye fluid wick
 1 - 581062 corneal light shield
 20 per box.



* Kit component packaging differs from the shelf pack packaging.

Other Fluid Control

581060 Visitec® Absorbent Stick

6.3 cm overall length x 5 mm diameter (2.48 in x 3/16 in)
 10 per pouch, 25 pouches per box.

**581069 Visitec® Visiswab Cotton Swab**

(Rounded/Pointed Tips), 8.1 cm (3.2 in) overall length. Rounded end is made for scleral depression and pointed end may be used as a second instrument to move sutures, manipulate tissue or absorb blood and fluid. Tightly wound ends create less linting than other cotton swabs. 10 per pouch, 25 pouches per box.

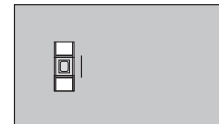


Full Body Drapes

Visidrape® full body drapes feature wider widths and a three-sided channel bag for maximum fluid capacity. Full body drapes can be utilised in all ophthalmic procedures.

581087 Visidrape Full Body Incise Drape

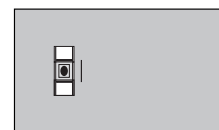
Overall size: 140 cm x 244 cm (55 in x 96 in)
Incise area: 9 cm x 11.5 cm (3 1/2 in x 4 1/2 in)
Capacity: 500 ml



10 per box

581088 Visidrape Full Body Aperture Drape

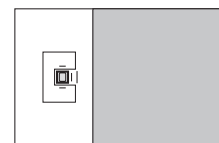
Overall size: 140 cm x 244 cm (55 in x 96 in)
Aperture area: 5 cm x 7.5 cm (2 in x 3 in)
Capacity: 500 ml
Tenting band forms to lift drape off patient's mouth and nose for enhanced comfort.
Includes: 2 - Attached fluid collection bags (left and right eye).
1 - Adhesive wick
1 - Adhesive wipe
1 - Corneal light shield
1 - Tenting band



10 per box

581715 Visidrape Full Body Incise Drape with Plastic Head and Channel Bag

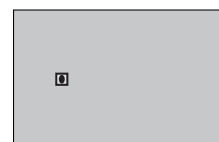
Overall size: 165 cm x 254 cm (65 in x 100 in)
Incise area: 9 cm x 11 cm (3.5 in x 4 in)
Channel bag: 62 cm x 40 cm (24 in x 15.75 in)
Capacity: 1000 ml



10 per box

581722 Visidrape Non-Woven Full Body Aperture Drape

Overall size: 165 cm x 254 cm (65 in x 100 in)
Aperture area: 6 cm x 4 cm (2.25 in x 1.5 in)



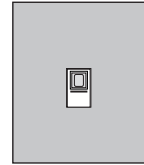
10 per box

Half Body Drapes

Visidrape 3/4 and 1/2 body drapes include an attached fluid collection bag and wick to remove blood and fluid from the surgical area. Non-woven drapes are lightweight and breathable for optimum patient comfort. They are low linting and moisture resistant to keep patient dry.

581084 Visidrape Non-Woven Incise Drape with Channel Bag

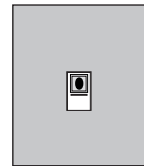
Overall size:	140 cm x 127 cm (55 in x 50 in)
Incise area:	9 cm x 11.5 cm (3 1/2 in x 4 1/2 in)
Fluid collection bag with channels:	14.6 cm x 25.4 cm (5 3/4 in x 10 in)
Capacity:	500 ml



10 per box

581086 Visidrape Non-Woven Aperture Drape with Channel Bag

Overall size:	140 cm x 127 cm (55 in x 50 in)
Aperture area:	5 cm x 7.5 cm (2 in x 3 in)
Fluid collection bag with channels:	14.6 cm x 25.4 cm (5 3/4 in x 10 in)
Capacity:	500 ml

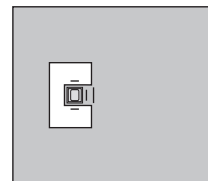


10 per box

581723 Visidrape Non-Woven Half Body Incise Drape* with Channel Bag

Overall size:	165 cm x 183 cm (65 in x 72 in)
Incise area:	9 cm x 11 cm (3.5 in x 4 in)
Channel bag:	62 cm x 40 cm (24 in x 15.75 in)
Capacity:	1000 ml

*Without wick.



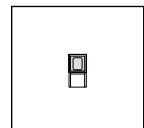
10 per box

Mid-Size Drapes

Visidrape mid-size drapes include an attached fluid collection bag and wick to remove blood and fluid from the surgical area. Non-woven drapes are lightweight and breathable for optimum patient comfort. They are low linting and moisture resistant to keep patient dry. Embossed plastic drapes are made of translucent non-glare material that are impermeable to moisture yet lightweight to keep patient dry and comfortable.

581071 Visidrape Embossed Plastic Incise Drape with Fluid Collection Bag

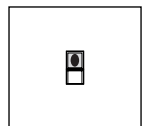
Overall size:	101.5 cm x 127 cm (40 in x 50 in)
Incise area:	9 cm x 11.5 cm (3 1/2 in x 4 1/2 in)
Fluid collection bag:	15.2 cm x 16.5 cm (6 in x 6 1/2 in)
Capacity:	250 ml



10 per box

581078 Visidrape Embossed Plastic Aperture Drape with Fluid Collection Bag

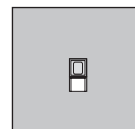
Overall size:	101.5 cm x 127 cm (40 in x 50 in)
Aperture area:	5 cm x 7.5 cm (2 in x 3 in)
Fluid collection bag:	15.2 cm x 16.5 cm (6 in x 6 1/2 in)
Capacity:	250 ml



10 per box

581072 Visidrape Non-Woven Incise Drape with Fluid Collection Bag

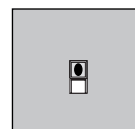
Overall size: 101.5 cm x 127 cm (40 in x 50 in)
 Incise area: 9 cm x 11.5 cm (3 1/2 in x 4 1/2 in)
 Fluid collection bag: 15.2 cm x 16.5 cm (6 in x 6 1/2 in)
 Capacity: 250 ml



10 per box

581079 Visidrape Non-Woven Aperture Drape with Fluid Collection Bag

Overall size: 101.5 cm x 127 cm (40 in x 50 in)
 Aperture area: 5 cm x 7.5 cm (2 in x 3 in)
 Fluid collection bag: 15.2 cm x 16.5 cm (6 in x 6 1/2 in)
 Capacity: 250 ml



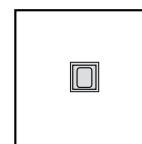
10 per box

Mini Drapes

Ideal for refractive or office procedures.

581095 Visidrape Mini Plastic Incise Drape

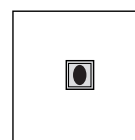
Overall size: 41 cm x 41 cm (16 in x 16 in)
 Incise area: 9 cm x 11.5 cm (3 1/2 in x 4 1/2 in)
 Adhesive backing.



10 per box

581096 Visidrape Mini Plastic Aperture Drape

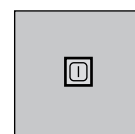
Overall size: 41 cm x 41 cm (16 in x 16 in)
 Aperture area: 5 cm x 7.5 cm (2 in x 3 in)
 Adhesive backing.



10 per box

581085 Visidrape SMS Incise Drape with Pre-Slit

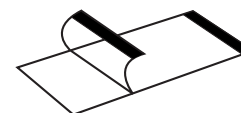
Overall size: 40 cm x 40 cm (16 in x 16 in)
 Aperture area: 17.5 cm x 15 cm (7 in x 6 1/4 in)
 Slit centered in middle of fenestration
 Adhesive backing



10 per box

581700 Visidrape Incise

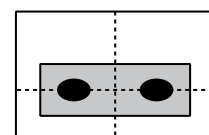
Overall size: 10.2 x 20.4 cm (4 x 8 in)
 Adhesive area: 11 cm x 16 cm (4 in x 6 1/4 in)
 Small incise provides complete coverage of lashes, lids and brows, reducing the risk of infection. Converts aperture to incise drape.



10 per box

581710 Visidrape Dual Refractive Drape

Overall size: 40 cm x 26 cm (16 in x 10 1/4 in)
 Aperture area: 2.5 cm x 3.75 cm (1 in x 1 1/2 in)
 US Patent 6345621.



10 per box

Surgical Solutions

Beaver-Visitec offers a full range of ophthalmic viscosurgical devices, each with a different viscosity to provide a selection of options to the cataract surgeon.



Viscoelastic Solutions

Viscoelastic Solutions

Beaver-Visitec offers a full range of ophthalmic viscosurgical devices, each with a different viscosity to provide a selection of options to the cataract surgeon. They are supplied in a disposable glass syringe fitted with a luer lock safety system.

585306 BVI HPMC Visco Dispersive

2% hypromellose ophthalmic solution, 2 ml syringe.
1 per box.

581749 BVI 1.0% OVD

1.0% sodium hyaluronate viscoelastic solution, 1 ml syringe.
1 per box.

581750 BVI 1.2% OVD

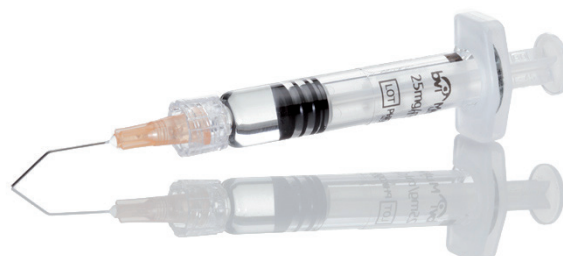
1.2% sodium hyaluronate viscoelastic solution, 1 ml syringe.
1 per box.

581744 BVI Visc® Viscoelastic Solution

1.4% sodium hyaluronate viscoelastic solution, 0.85 ml syringe.
1 per box.

581745 BVI MultiVisc® Viscoadaptive Solution

2.5% sodium hyaluronate viscoadaptive solution, 0.60 ml syringe.
1 per box.



Viscoelastic Solution	585306	581749	581750	581744	581745
Classification	Dispersive	Cohesive	Cohesive	Super Cohesive	Viscoadaptive
Concentration (mg/ml)	20 (2.0%)	10 (1.0%)	12 (1.2%)	14 (1.4%)	25 (2.5%)
Molecular weight (average) (Daltons)	86 000	2 900 000	2 900 000	ave. 5 000 000	ave. 4 000 000
Zero shear viscosity (mPa.s)	3000 - 4500	16 400 to 313 600	22 000 to 495 600	ave. 3 300 000	ave. 1 000 000
pH	6.0-7.8	6.8-7.6	6.8-7.6	6.9-7.6	6.8-7.6
Shelf life	2 years	3 years	3 years	3 years	3 years
Storage	Room temperature 2 - 35°C	2-8° C	2-8° C	2-8° C	2-8° C
Filling size (ml)	2.0	1.0	1.0	.85	.60
Cannula size	23G	27G	27G	25G	25G

mPas = milliPascal.second

Balanced Sterile Saline Solutions

Standard Solutions

585831 Saline Solution
25 ml plastic bottle.
50 per box.



581729 Saline Solution
500 ml plastic bottle.
12 per box.



581730 Saline Solution
500 ml plastic bottle (double boxed).
12 per box.



581732 Saline Solution
500 ml glass bottle.
12 per box.



581738 Saline Solution
500 ml plastic bag (double boxed).
15 per box.



Enriched Saline Solution

Enriched saline solution contains an antioxidant (Glutathione), a buffer (Sodium Bicarbonate) and an energy source (Glucose). A key purpose of an intraocular irrigation solution is to maintain both the anatomic and physiologic integrity of intraocular tissues. Aqueo Premium provides adequate protection during anterior and posterior segment surgery, due to the chemical composition being similar to the aqueous and vitreous humor.

585833 Aqueo Premium™
500 ml glass bottle and 25 ml plastic bottle.
6 per box.



Accessories

Beaver-Visitec International offers accessories for a wide range of ophthalmic procedures.

Eye Shields



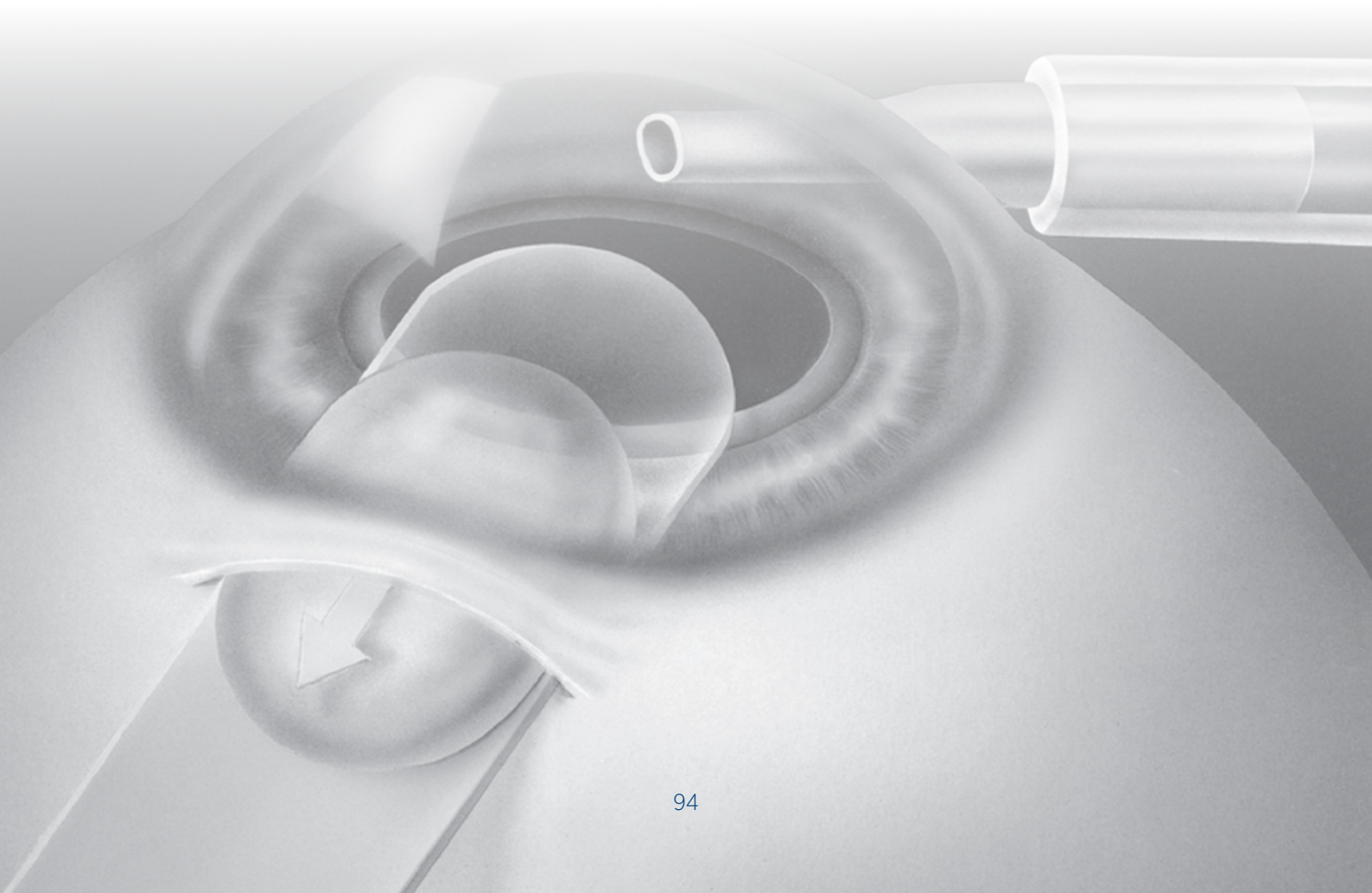
Eye Bandages



Diagnostic Lights



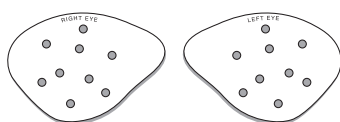
Ophtho-Burr®



Visitec® Eye Shields

Eye Shield (Left/Right)

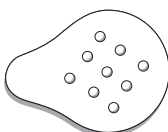
White lightweight plastic eye shield with ventilation holes. Flexible eye shield, shaped to fit the right or left eye for protection and comfort. Smooth edges do not require a cover. Packaged sterile. 25 left/25 right per box.



Item #	Description
581019	8.5 cm x 6.5 cm (3 1/2 in x 2 1/2 in)

Universal Eye Shield

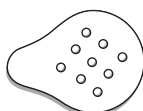
Clear lightweight plastic. Features smooth edges and ventilation holes for patient comfort. For use on left or right eye. Packaged sterile. 50 per box.



Item #	Description
581040	7.5 cm x 6.5 cm (3 in x 2 1/2 in)

Universal Paediatric Eye Shield

Clear lightweight plastic. Features smooth edges and ventilation holes for patient comfort. For use on left or right eye. Packaged sterile. 25 per box.



Item #	Description
581708	5.1 cm x 4.1 cm (2 in x 1 5/8 in)

Eye Shields

Plastic eye shields with ventilation holes. Shaped to fit either the right or left eye for protection and comfort. 7.5 cm x 5.7 cm (2.94 in x 2.25 in). Packaged non-sterile. 12 per box.



Item #	Description
0008600	Eye Shield, right, white
0008601	Eye Shield, left, white
0008604	Eye Shield, right, beige
0008605	Eye Shield, left, beige
0008606	Eye Shield, right, green
0008607	Eye Shield, left, green

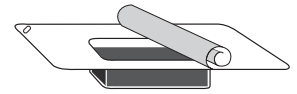
Item #	Description
0008608	Eye Shield, right, blue
0008609	Eye Shield, left, blue
0008610	Universal Eye Shield, white
0008612	Universal Eye Shield, beige
0008618	Universal Eye Shield, clear

Corneal Marking Pad

Visitec® Visimark Corneal Marking Pad

581057 Corneal Marking Pad

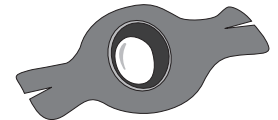
Gentian violet. Pre-inked, ready to use. Elongated, flat pad allows easy transfer of ink onto straight markers. 10 per box.



Visitec ProOphta® Eye Patch

581705 ProOphta Eye Patch

Clear window dressing protects the eye while allowing the patient to see, permits examination without removing the dressing. Blinking is unimpaired. Indicated for use after cataract, corneal and ptosis operations; also for lagophthalmos and dry eye. Packaged non-sterile. 50 per box.



Eye Bandages

Niteye® Dry Eye Comforter Bandage

Clear self-adhesive eye bandage for dry eye. Designed for use only when resting and can be used with or without eye drop or ointment therapy. Protects eyes from drying conditions. Seals in valuable moisture. Hypoallergenic tape attaches quickly and easily. Packaged non-sterile.



Item #	Description
90301	Box, 14 count
90305	Case, 336 count

Visitec Eye Bandage

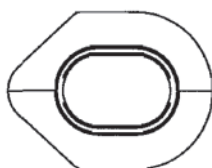
Clear self-adhesive eye bandage with holes for use post-LASIK. Packaged non-sterile.



Item #	Description
90311	50 per box

Visitec Guibor Eye Bandage

Disposable self-adhesive eye dressing designed to protect the eye during drying conditions, such as "dry eye". Easy to apply and comfortable to wear. Packaged sterile. 10 per box.



Item #	Description
8590300	Guibor Bubble Bandage

Ophtho-Burr® System

8550815 Handpiece

Battery-powered handpiece. Designed to aid in the removal of corneal foreign bodies and rust rings. 1 per box.



8550810 Ophthalmic Burr

1.0 mm burr. Sterile, single-use. 10 per box.



8550850 Diamond Burr

2.5 mm. Reusable. 1 per box.



8550860 Diamond Burr

5.0 mm. Reusable. 1 per box.



Visitec® IOL Glides

Small Pupil IOL [Pearce]

0.6 mm thick. Facilitates placing posterior chamber IOLs into the capsular bag when the pupil is difficult to dilate. Smooth edges and tapered configuration facilitate atraumatic mechanical dilation of the pupil. May also be used in cases with well dilated pupil. 50 per box.

Actual Size



Item #	Description
581001	33 mm long x 7 mm wide, tapered to 3 mm

Phaco Glide [Bobbitt]

0.6 mm thick. Guides instruments into anterior chamber. Keeps iris flat to avoid possibility of prolapse or trauma. Acts as a channel to facilitate injection of fluid for hydrodissection. 50 per box.

Actual Size



Item #	Description
581032	20 mm long x 2.75 mm wide, tapered to 1.75 mm

IOL Glide [Sheets]

0.6 mm thick. Guides IOL into posterior chamber for placement in the bag. Can also be used for Mini-Nuc technique to guide crystalline lens out of anterior chamber. 50 per box.

Actual Size



Item #	Description
581033	35 mm long x 5 mm wide, 2.5 mm radius

Glides

IOL Glide [Hessburg]

0.6 mm thick. Phaco glide portion is designed to protect the iris from prolapse or trauma during phacoemulsification and acts as a guide for insertion of instruments. IOL glide portion assists in the implantation of posterior chamber IOLs. 50 per box.

Actual Size



Item #	Description
581034	18 mm long x 7 mm wide at widest point, 6.25 mm radius

Surgical Glide [Fichman]

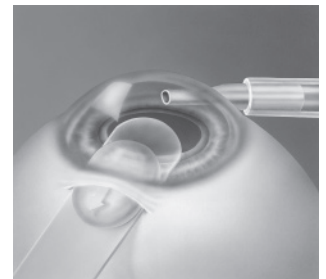
0.6 mm thick. Phaco glide portion is designed to protect the iris from prolapse or trauma during phacoemulsification and acts as a guide for insertion of instruments. IOL glide portion assists in the implantation of posterior chamber IOLs. 50 per box.

Actual Size



Item #	Description
581049	30 mm x 5 mm. Phaco glide portion: 10 mm long x 2.6 mm wide, tapered to 1.75 mm. IOL glide portion: 20 mm x 5 mm, 2.5 mm radius.

Mini-Nuc technique using the 581033 IOL Glide [Sheets] to guide the lens out of the anterior chamber.



Also shown: 585149 Oval ACM [Blumenthal]

Visitec® Irrigation Handle

581012 Irrigation Handle

Length: 9.3 cm (3 5/8 in). Standard male luer fitting. 20 per box.



Visitec® Instrument Adaptor

581056 Instrument Adaptor

3.78 cm (1 1/2 in) long. Standard male luer fittings on each end for connecting phacoemulsification and I/A machine tubing to instruments. 50 per box.



Diagnostic Lights

8310060 Doctor's Six-Pack Diagnostic Penlights

Long-lasting disposable diagnostic penlight features convenient clip-activated switch. Constant use time of 30 minutes. 6 per box.

**8310080 Nurse-Mate Six-Pack Diagnostic Penlights**

Long-lasting disposable diagnostic penlight features convenient clip-activated switch and 2 mm to 9 mm pupil gauge. Imprinted with medical caduceus. Constant use time of 30 minutes. 6 per box.

**8310201 Maxi-Lite® Diagnostic Penlight**

Long-lasting disposable diagnostic penlight features twist-on backswitch. Constant use time of 30 minutes. 1 per box.

**8320150 Blu-Spot® Diagnostic Light**

Has diffuse cobalt light beam. Twist-on backswitch. Constant use time of 30 minutes. 1 per box.



Visitec® Fluid Filter

581030 High Flow Filter

Male/female luer lock fittings. Place between syringe and needle or cannula. Filters out particulates and microbiological contamination of .20 micron and larger. 50 per box.

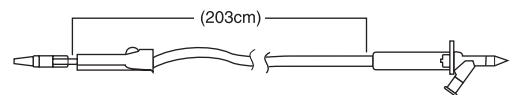


Visitec® Fluid Administration Set

Roller valve allows control of fluid flow. Sets with self-priming filter protect against particulates and microbiological contamination of .22 micron and larger.

581014 Single Fluid Administration Set

Tubing length: 203 cm (80 in). 10 per box.



Visitec® Superflex Extension Set

581007 Superflex Extension Set

25 cm (10 in). ID 1 mm (.04 in), OD 2 mm (.08 in). Soft flexible tubing with male/female luer connectors. 20 per box.



Custom Procedure Packs

Designed for Convenience and Efficiency

Depending on your needs, BVI can provide you with the following kits configured to your exact specifications: the full CustomEyes® Procedure Packs containing all single-use products needed for surgery; or Single-Use Supplementary Kits featuring a selection of BVI products.



Custom Procedure Packs

CustomEyes® Procedure Packs

Select from a range of standard packs, or build your own customized surgery pack from one of the most extensive ophthalmic product portfolio. CustomEyes Procedure Packs feature single-use Beaver® knives, Visitec® instruments, drapes and cannulas, Meroce® fluid control devices, Wet-Field® Eraser® electro-surgical instruments, plus a full range of other components for ophthalmic surgery.

CustomEyes Procedure Packs are available for:

- Cataract Surgery
- Refractive Surgery
- Vitreoretinal Surgery
- Intravitreal Injection
- Glaucoma Surgery
- Strabismus Surgery
- Oculoplasty, Chalazion, Blepharoplasty



Cataract



IVT



Refractive

All the products you need for each procedure are packaged and sterilized in one easy-to-open pack. Designed to:

- Optimise time and resources by simplifying procedure set up
- Reduce environmental waste with all-in-one packaging
- Reduce cost and save time associated with purchasing and stocking items separately

Creating your CustomEyes® Procedure Pack

- Your Sales Consultant will discuss your requirements and in partnership with you, design a CustomEyes® Procedure Pack to meet your specific needs
- Sterile or non-sterile samples can be provided

Custom Procedure Packs

Visitec® Single-Use Instrument Kit

581438 Visitec Single-Use Instrument Kit

10 kits per box.

Includes:

- 1 - 581489 Bonn Forceps (with plastic handle)
- 1 - 581488 Capsulorhexis Forceps (with plastic handle)
- 1 - 581441 Micro-Manipulator (with plastic handle)
- 1 - 581442 Sinskey hook (with plastic handle)
- 1 - 581443 Eye Speculum (open blade)



Visitec Customized Single-Use Instrument Tray

Visitec single-use microsurgical instruments are available in a configurable, customised instrument tray

Single-Use Customised Instrument Trays are designed to:

- Increase efficiency as instruments are packaged in a sterile, ready to use solid blister tray
- Eliminate the need for costly and time consuming re-sterilisation
- Simplify ordering and reduce inventory: stocking of individual products is eliminated



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0001521	Micro Knife 22.5 degrees	10	17
0001522	Micro Knife 30 degrees	10	17
0001523	Micro Knife 45 degrees	10	17
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0008601	Eye Shield, left, white	12	95
0008604	Eye Shield, right, beige	12	95
0008605	Eye Shield, left, beige	12	95
0008606	Eye Shield, right, green	12	95
0008607	Eye Shield, left, green	12	95
0008608	Eye Shield, right, blue	12	95
0008609	Eye Shield, left, blue	12	95
0008610	Eye Shield, Universal, white	12	95
0008612	Eye Shield, Universal, beige	12	95
0008618	Eye Shield, Universal, clear	12	95
0008660	Weck-Cel® Sponge Points and Strips	144	82
0008661	Weck-Cel® Points	240	82
0008680	Weck-Cel® Cellulose Eye Spears	144	80
0008685	Weck-Cel® Cellulose Eye Spears	180	80
0009701	Corneal Trephine Blade 5.00 mm	1	20
0009703	Corneal Trephine Blade 5.50 mm	1	20
0009705	Corneal Trephine Blade 6.00 mm	1	20
0009706	Corneal Trephine Blade 6.25 mm	1	20
0009707	Corneal Trephine Blade 6.50 mm	1	20
0009708	Corneal Trephine Blade 6.75 mm	1	20
0009709	Corneal Trephine Blade 7.00 mm	1	20
0009710	Corneal Trephine Blade 7.85 mm	1	20
0009711	Corneal Trephine Blade 7.50 mm	1	20
0009713	Corneal Trephine Blade 8.00 mm	1	20
0009715	Corneal Trephine Blade 8.50 mm	1	20
0009717	Corneal Trephine Blade 9.00 mm	1	20
0009719	Corneal Trephine Blade 7.25 mm	1	20
0009721	Corneal Trephine Blade 10.00 mm	1	20
0009722	Corneal Trephine Blade 7.75 mm	1	20
0009723	Corneal Trephine Blade 8.75 mm	1	20
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0009727	Corneal Trephine Blade 8.25 mm	1	20
0009728	Corneal Trephine Blade 14.0 mm	1	20
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1673	Calibrated Trephine Handle, fits 5.5 mm trephines	1	21
1674	Calibrated Trephine Handle, fits 6.0 mm trephines	1	21
1675	Calibrated Trephine Handle, fits 6.25 mm trephines	1	21
1676	Calibrated Trephine Handle, fits 6.75 mm trephines	1	21

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1679	Calibrated Trephine Handle, fits 8.25 mm trephines	1	21
1680	Calibrated Trephine Handle, fits 8.75 mm trephines	1	21
1683	Calibrated Trephine Handle, fits 6.5 mm trephines	1	21
1684	Calibrated Trephine Handle, fits 7.0 mm trephines	1	21
1685	Calibrated Trephine Handle, fits 7.5 mm trephines	1	21
1686	Calibrated Trephine Handle, fits 8.0 mm trephines	1	21
1687	Calibrated Trephine Handle, fits 8.5 mm trephines	1	21
1688	Calibrated Trephine Handle, fits 9.0 mm trephines	1	21
1690	Calibrated Trephine Handle, fits 10.0 mm trephines	1	21
1700	Trephine Handle, fits 5.0 mm trephines	1	21
1702	Trephine Handle, fits 5.5 mm trephines	1	21
1704	Trephine Handle, fits 6.0 mm trephines	1	21
1706	Trephine Handle, fits 6.5 mm trephines	1	21
1708	Trephine Handle, fits 7.0 mm trephines	1	21
1710	Trephine Handle, fits 7.5 mm trephines	1	21
1712	Trephine Handle, fits 8.0 mm trephines	1	21
1714	Trephine Handle, fits 8.5 mm trephines	1	21
1716	Trephine Handle, fits 9.0 mm trephines	1	21
1720	Trephine Handle, fits 10.0 mm trephines	1	21
1724	Trephine Handle, fits 11.0 mm trephines	1	21
1728	Troutman Corneal Punch, Complete	1	20
1735	Troutman Trephine Handle, fits 5 mm-7 mm trephines	1	21
1737	Troutman Trephine Handle, fits 7 mm-9 mm trephines	1	21
1739	Troutman Trephine Handle, fits 9 mm-11 mm trephines	1	21
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1742	Piston for 5.0-7.0 mm Trephine Blades	1	20
1743	Piston for 9.0-11.0 mm Trephine Blades	1	20
1751	Kelly Descemet's Membrane Punch	1	22
1752	Gass Sclerotomy Punch	1	22
1760	Iowa P.K. Press, Complete Set	1	20
1761	Iowa P.K. Press Cutting Block	1	20
3740	Jewellers Forceps	1	71
9729	Single-use Replacement Block	1	20
9732	Open Trephine Handle, fits 5.0 mm trephines	1	21
9733	Open Trephine Handle, fits 5.5 mm trephines	1	21
9734	Open Trephine Handle, fits 6.0 mm trephines	1	21
9735	Open Trephine Handle, fits 6.5 mm trephines	1	21
9736	Open Trephine Handle, fits 7.0 mm trephines	1	21
9737	Open Trephine Handle, fits 7.25 mm trephines	1	21
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9742	Open Trephine Handle, fits 8.5 mm trephines	1	21
9743	Open Trephine Handle, fits 8.75 mm trephines	1	21
9744	Open Trephine Handle, fits 9.0 mm trephines	1	21
9745	Open Trephine Handle, fits 10.0 mm trephines	1	21
9746	Open Trephine Handle, fits 11.0 mm trephines	1	21
9747	Trephine with Handle, 1.0 mm	1	22
9748	Trephine with Handle, 1.5 mm	1	22
9749	Trephine with Handle, 2.0 mm	1	22
9751	Trephine with Handle, 3.0 mm	1	22
9752	Trephine with Handle, 3.5 mm	1	22
9753	Trephine with Handle, 4.0 mm	1	22
40420	Ultracell® Corneal Light Shield	20	83
40800	UltraClean LASIK Expanded Eye Spears	40	81
40805	UltraClean LASIK Expanded Eye Spears	100	81
40810	UltraClean LASIK PVA Eye Spears	100	81
40815	UltraClean LASIK PVA Eye Spears	100	81
90301	Niteye® Dry Eye Comforter Bandage	14	96
90305	Niteye® Dry Eye Comforter Bandage	336	96
90311	Visitec® Eye Bandage	50	96
90910	Ultracell® Instrument Wipe	20	86
221202	Wet-Field® Bipolar Reusable Cables	3	76
221204	Standard Forceps	1	75
221206	Straight Iris Forceps	1	75
221207	Curved Iris Forceps	1	76
221208	Adson Forceps	1	76
221209	Coaptation Forceps	1	76
221211	Tenzel Forceps	1	76
221220	Wet-Field® Cables Reusable, fixed lead	1	76
221250	Hemostatic Eraser Bipolar, 18G, bevel tip, straight	10	73
221251	Hemostatic Eraser Bipolar, 18G, blunt tip, angled	10	73
221260	Hemostatic Eraser Bipolar, 20G, blunt tip, straight	10	73
221261	Hemostatic Eraser Bipolar, 20G, passive aspirator	5	74
221262	Hemostatic Eraser Bipolar, 20G, straight, active aspirator with reflux	4	74
221265	Hemostatic Eraser Bipolar, 20-23G, straight, tapered fine tip	5	73
221266	Hemostatic Eraser Bipolar, 20-23G, straight, tapered blunt tip	5	73
221267	Hemostatic Eraser Bipolar, 25G, fine tip, straight	5	74
221268	Hemostatic Eraser Bipolar, 23G, fine tip, straight	5	74
221270	Wet-Field® Osher ThermoDot® Marker	5	78
221320	Hemostatic Coagulator	1	75

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221340	Hemostatic Coagulator, International	1	75
223620	Merocel® Instrument Wipe	20	86
223621	Merocel® Instrument Wipe with wick	20	86
223622	Merocel® Instrument Wipe Kit	20	87
232345	Wet-Field® Coagulator Foot Switch	1	75
370145	Xstar® Safety Slit Knife 2.5 mm, 45 degrees single bevel	10	12
370146	Xstar® Safety Slit Knife 2.6 mm, 45 degrees single bevel	10	12
370157	Atomic Edge® Safety Slit Knife 3.0 mm, 45 degrees double bevel	10	13
370159	Atomic Edge® Safety Slit Knife 2.8 mm, 45 degrees double bevel	10	13
370225	Atomic Edge® Accurate Depth Knife 250 micron	10	13
370230	Atomic Edge® Accurate Depth Knife 300 micron	10	13
370235	Atomic Edge® Accurate Depth Knife 350 micron	10	13
370240	Atomic Edge® Accurate Depth Knife 400 micron	10	13
370250	Atomic Edge® Accurate Depth Knife 500 micron	10	13
370255	Atomic Edge® Accurate Depth Knife 550 micron	10	13
370260	Atomic Edge® Accurate Depth Knife 600 micron	10	13
370265	Atomic Edge® Accurate Depth Knife 650 micron	10	13
370410	Neuro-Sharp Bayonet Sickle Blade	3	24
370420	Neuro-Sharp Bayonet Arachnoid Blade	3	24
370822	Xstar® Slit Knife 2.2 mm, 45 degrees double bevel	10	15
370824	Xstar® Slit Knife 2.4 mm, 45 degrees double bevel	10	15
370825	Xstar® Slit Knife 2.5 mm, 45 degrees double bevel	10	15
370826	Xstar® Slit Knife 2.65 mm, 45 degrees double bevel	10	15
370827	Xstar® Slit Knife 2.75 mm, 45 degrees double bevel	10	15
370828	Xstar® Slit Knife 2.8 mm, 45 degrees double bevel	10	15
370830	Xstar® Slit Knife 3.0 mm, 45 degrees double bevel	10	15
371301	Beaver® Blade Wrench	1	25
371305	Replacement Chuck Collett	1	25
371350	Handle, Round, Knurled, 13 cm L x .50 cm D	1	25
371360	Handle, Round, Knurled, 13 cm L x .66 cm D	1	25
371394	Handle, Round, 18 cm L x .4 cm D	1	25
371395	Handle, Round, 21 cm L x .4 cm D	1	25
371400	Bent Blade, Sharp all around, bent 45 degrees	4	24
371410	Handle, Round, Knurled, 10.2 cm L x .64 cm D	1	25
371415	Replacement Chuck Collett	1	25
372000	Beaver Tail™ Handle Flat 17 cm L.	1	25
372242	Swivel Fixation Ring	5	57
373025	Xstar® KOJO Safety Slit Knife, 2.5 mm, 45 degrees single bevel	10	13
373032	Xstar® KOJO Safety Slit Knife, 3.2 mm, 45 degrees single bevel	10	13
373328	Xstar® Slit Knife, 2.8 mm straight	10	15

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373330	Xstar® Slit Knife, 3.0 mm straight	10	15
373332	Xstar® Slit Knife, 3.2 mm straight	10	15
373710	Beaver® Sideport Knife, 1.0 mm, angled 45 degrees	10	15
373718	Xstar® Slit Knife, 1.8 mm, 45 degrees single bevel	10	15
373722	Xstar® Slit Knife, 2.2 mm, 45 degrees single bevel	10	15
373724	Xstar® Slit Knife, 2.4 mm, 45 degrees single bevel	10	15
373725	Xstar® Slit Knife, 2.5 mm, 45 degrees single bevel	10	15
373726	Xstar® Slit Knife, 2.6 mm, 45 degrees single bevel	10	15
373727	Xstar® Slit Knife, 2.75 mm, 45 degrees single bevel	10	15
373728	Xstar® Slit Knife, 2.8 mm, 45 degrees single bevel	10	15
373730	Xstar® Slit Knife, 3.0 mm, 45 degrees single bevel	10	15
373732	Xstar® Slit Knife, 3.2 mm, 45 degrees single bevel	10	15
373807	Xstar® Crescent Knife, 2.5 mm, 55 degrees bevel up	10	16
373808	Xstar® Crescent Knife, 2.5 mm, 55 degrees, straight	10	16
373809	Xstar® Crescent Knife, 2.5 mm, 55 degrees bevel down	10	16
374100	Ring Cutter	1	23
374150	Ring Cutter Saw Blade	1	23
374151	Ring Cutter Saw Blade, high speed	1	23
374310	Handle, Round, Knurled, 10 cm L x .5 cm D	1	25
374311	Handle, Round, Knurled, 5 cm L x .5 cm D	1	25
374312	Handle, Round, Knurled, 7.5 cm L x .5 cm D	1	25
374320	Handle, Round, Knurled, 15.5 cm L x .5 cm D	1	25
374330	Handle, Hex, 10 cm L x .5 cm D	1	25
374340	Handle, Hex, 15.5 cm L x .5 cm D	1	25
374410	DeBaKey Blade, 5 mm cutting width	24	24
374562	Mini-Blade Orthopedic, length 1.255 inches	24	19
374580	Arthro-Lok® Blade, 4 mm hoe	6	22
374710	DeBaKey Blade, 8 mm cutting width	24	24
374769	Mini-Blade Knife, straight, sharp all around	3	19
374810	DeBaKey Blade, 10 mm cutting width	24	24
374881	Optimum Blade, 15 degrees, straight	5	15
374882	Optimum Blade, 22.5 degrees, straight	5	15
374883	Optimum Blade, 30 degrees, straight	5	15
374891	Optimum Knife, 15 degrees, straight	10	15
374892	Optimum Knife, 22.5 degrees, straight	10	15
374893	Optimum Knife, 30 degrees, straight	10	15
374894	Optimum Knife, 45 degrees, straight	10	15
374900	Mammatome Blade	6	25
375000	BeaverTail™ Handle Flat 13 cm L	1	25
375100	Cataract Blade, 19 mm x 1.4 mm	3	18
375210	Cataract Blade, 20.5 mm x 1.7 mm	3	18
375220	Cataract Blade, 25.5 mm x 2.2 mm	3	18
375435	BeaverGuard Guarded Blade, .35 mm	3	18

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375450	BeaverGuard Guarded Blade, .50 mm	3	18
375700	Sclerotome Blade, multi-sided, sharp all around	3	18
375701	Sclerotome Knife, multi-sided, sharp all around	3	18
375910	Needle Blade, 3.0 mm cutting edge	3	22
375920	Needle Blade, 5.0 mm cutting edge	3	22
375930	Needle Blade, 7.0 mm cutting edge	3	22
375940	Needle Blade, 1.5 mm cutting edge	3	22
376083	Arthro-Lok® Blade, 4 mm Retrograde	6	22
376086	Arthro-Lok® Blade, 4 mm Pointed Retrograde	6	22
376100	Mini-Blade®, length 1.31 inches	24	19
376300	Mini-Blade®, sharp on two sides, pointed tip	6	19
376401	MIS 6400 Mini-Blade®	24	19
376480	Arthro-Lok® Blade, 4 mm rounded tip, curved left, sharp on one side	6	22
376481	Arthro-Lok® Blade, 4 mm rounded tip, flat, sharp on one side	6	22
376482	Arthro-Lok® Blade, 4 mm rounded tip, curved right, sharp on one side	6	22
376500	Mini-Blade®, smaller alternative to #11 general blade	24	19
376620	Beaver® Sideport Knife, 1.15 mm, angled 45 degrees	10	15
376630	Beaver® EdgeAhead® MVR Knife, .90 mm 20G, straight	10	15
376780	Arthro-Lok® Blade, 4 mm pointed tip, curved left, sharp on one side	6	22
376980	Arthro-Lok® Blade, 4 mm mini-banana, curved	6	22
376981	Arthro-Lok® Blade, 4 mm mini-banana, flat	6	22
376984	Arthro-Lok® Blade, 4 mm banana, sharp all around	6	22
377081	Arthro-Lok® Blade, 4 mm rosette	6	22
377511	Micro-Sharp® Blade, 1.5 mm depth, 15 degrees, orange	6	16
377512	Micro-Unitome Knife, 1.5 mm depth, 15 degrees, orange	10	16
377513	Micro-Sharp® Blade, 3.0 mm depth, 15 degrees, blue	6	16
377514	Micro-Unitome Knife, 3.0 mm depth, 15 degrees, blue	10	16
377515	Micro-Sharp® Blade, 5.0 mm depth, 15 degrees, green	6	16
377516	Micro-Unitome Knife, 5.0 mm depth, 15 degrees, green	10	16
377522	Micro-Sharp® Blade, 4.0 mm depth, 22.5 degrees, light blue	6	16
377523	Micro-Unitome Knife, 4.0 mm depth, 22.5 degrees, light blue	10	16
377530	Micro-Sharp® Blade, 3.5 mm depth, 30 degrees, black	6	16
377531	Micro-Unitome Knife, 3.5 mm depth, 30 degrees, black	10	16
377546	Micro-Unitome Knife, 3.0 mm depth, 45 degrees, tan	10	16
378100	Chisel Blade, non-sterile	5	24
378210	Beaver® Safety Knife Sideport MVR, 1.0 mm	10	12
378212	Beaver® Safety Knife Sideport MVR, 1.2 mm	10	12

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378214	Xstar® Safety Slit Knife, 1.4 mm, angled 45 degrees, single bevel	10	12
378215	Xstar® Safety Slit Knife, 1.5 mm, angled 45 degrees, single bevel	10	12
378217	Xstar® Safety Slit Knife, 1.7 mm, angled 45 degrees, single bevel	10	12
378218	Xstar® Safety Slit Knife, 1.8 mm, angled 45 degrees, single bevel	10	12
378220	Xstar® Safety Slit Knife, 2.0 mm, angled 45 degrees, single bevel	10	12
378222	Xstar® Safety Slit Knife, 2.2 mm, angled 45 degrees, single bevel	10	12
378223	Xstar® Safety Slit Knife, 2.3 mm, angled 45 degrees, single bevel	10	12
378224	Xstar® Safety Slit Knife, 2.4 mm, angled 45 degrees, single bevel	10	12
378227	Xstar® Safety Slit Knife, 2.75 mm, angled 45 degrees, single bevel	10	12
378228	Xstar® Safety Slit Knife, 2.8 mm, angled 45 degrees, single bevel	10	8
378230	Xstar® Safety Slit Knife, 3.0 mm, angled 45 degrees, single bevel	10	12
378231	Beaver® Safety Knife, Sideport MVR 20G	10	12
378232	Xstar® Safety Slit Knife, 3.2 mm, angled 45 degrees, single bevel	10	12
378233	Beaver® EdgeAhead® Safety Knife, Sideport MVR 23G	10	12
378234	Xstar® Safety Crescent Knife, 2.5 mm, angled 55 degrees, single bevel	10	13
378235	Optimum Safety Sideport Knife, 15 degrees	10	12
378236	Optimum Safety Sideport Knife, 22.5 degrees	10	12
378237	Optimum Safety Sideport Knife, 30 degrees	10	12
378238	Optimum Safety Sideport Knife, 45 degrees	10	12
378300	Chisel Blade, non-sterile	5	24
378400	Chisel Blade, non-sterile	5	24
378800	Chisel Blade, non-sterile	5	24
378822	Xstar® Safety Slit Knife [Osher], 2.2 mm, angled 45 degrees, double bevel	10	12
378824	Xstar® Safety Slit Knife [Osher], 2.4 mm, angled 45 degrees, double bevel	10	12
378825	Xstar® Safety Slit Knife, 2.5 mm, angled 45 degrees, double bevel	10	12
378826	Xstar® Safety Slit Knife, 2.65 mm, angled 45 degrees, double bevel	10	12
378827	Xstar® Safety Slit Knife, 2.75 mm, angled 45 degrees, double bevel	10	12
378828	Xstar® Safety Slit Knife, 2.8 mm, angled 45 degrees, double bevel	10	12
378829	Xstar® Safety Slit Knife, 2.85 mm, angled 45 degrees, double bevel	10	12

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378830	Xstar® Safety Slit Knife, 3.0 mm, angled 45 degrees, double bevel	10	12
378832	Xstar® Safety Slit Knife, 3.2 mm, angled 45 degrees, double bevel	10	12
379081	Arthro-Lok® Blade, 4 mm, mini meniscus, flat	6	22
379082	Arthro-Lok® Blade, 4 mm, mini meniscus, curved	6	22
379100	Cervical Biopsy Blade	4	25
400101	Merocel® PVA Eye Spears	180	80
400106	Merocel® Corneal Light Shield	20	83
400108	Merocel® Eye Drain with 80cc Collection Bag	20	85
400109	Merocel® Eye Drain with 400cc Collection Bag	10	85
400111	Merocel Eye Wick, length 8"	20	85
400113	Merocel® Cataract Kit	10	87
400115	Merocel® Sponge Points	400	82
400116	Merocel® Crystal Anaesthesia Ring	10	84
400117	Merocel® Eye Kit	20	87
400119	Merocel® Diamond Cutting Block	1	86
400121	Keracel® LASIK Corneal Shield	20	83
400122	Keracel® Chayet Drainage Ring	20	84
400131	Keracel® Cleanfield® LASIK Kit	10	87
400138	Keracel® Yavitz Drainage Ring and Flap Cover	20	84
400200	Merocel® Instrument Wipe	20	86
400204	Merocel® Wipe with Adhesive Back	20	86
400207	Merocel® Instrument Wipe	20	86
400210	Merocel® Wipe with Wick	20	86
403101	Keracel® LASIK PVA Eye Spears	60	80
405101	Merocel® PVA Eye Spears	50	80
410101	Keracel® LASIK PVA Eye Spears	200	80
410115	Merocel® Sponge Points	200	82
453101	Keracel® LASIK Spear Kit	20	87
581001	Small Pupil IOL [Pearce]	50	97
581005	Fluid Collection Bag	20	85
581006	Fluid Collection Bag with Wick	20	85
581007	Superflex Extension Set	20	99
581012	Visitec® Irrigation Handle	20	98
581014	Single Fluid Administration Set	10	99
581019	Eye Shields (Left/Right)	25 Left/25 Right	95
581030	High Flow Filter .20 micron	50	99
581032	Phaco Glide [Bobbitt]	50	97
581033	IOL Glide [Sheets]	50	97
581034	IOL Glide [Hessburg]	50	98
581040	Universal Eye Shield	50	95
581047	Visitec® Visiwipe Instrument Wipe	20	86

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581048	Visitec® Eye Fluid Wick	20	85
581049	Surgical Glide [Fichman]	50	98
581056	Visitec® Instrument Adaptor	50	98
581057	Visimark Corneal Marking Pad	10	96
581060	Visitec® Absorbent Stick	250	87
581062	Visitec® Corneal Light Shield, 8 mm	20	83
581065	Visitec® Microsurgical Accessory Kit	20	87
581066	Ophthalmic Surgery Kit	20	87
581069	Visitec® Visiswab Cotton Swab	250	87
581070	Mini Fluid Collection Bag with Wick	20	85
581071	Visidrape® Embossed Plastic Incise Drape 101.5 cm x 127 cm	10	89
581072	Visidrape® Non-woven Incise Drape 101.5 cm x 127 cm	10	90
581076	Visitec® Visiwipe Adhesive Wipe	20	86
581078	Visidrape® Embossed Plastic Aperture Drape 101.5 cm x 127 cm	10	89
581079	Visidrape® Non-woven Aperture Drape 101.5 cm x 127 cm	10	90
581084	Visidrape® Non-woven Incise Drape 140 cm x 127 cm	10	89
581086	Visidrape® Non-woven Aperture Drape 140 cm x 127 cm	10	89
581085	Visidrape® SMS Incise Drape with Pre-Slit	10	90
581087	Visidrape® Incise Drape 140 cm x 244 cm	10	88
581088	Visidrape® Aperture Drape 140 cm x 244 cm	10	88
581089	Visitec® Cellulose Eye Spear 7 cm	100	80
581095	Visidrape® Mini Plastic Incise Drape 41 cm x 41 cm	10	90
581096	Visidrape® Mini Plastic Aperture Drape 41 cm x 41 cm	10	90
581097	Flute Cannula [Charles]	5	47
581098	Visitec® LASIK Eye Drain [Chayet] 10 mm	20	84
581099	Visitec® LASIK Eye Drain [Banaji]	20	84
581105	EdgeAhead® Slit Knife, 2.8 mm, angled 40 degrees	5	17
581107	EdgeAhead® Slit Knife, 3.0 mm, angled 40 degrees	5	17
581109	EdgeAhead® Slit Knife, 3.2 mm, angled 40 degrees	5	17
581111	EdgeAhead® IOL Knife, 5.2 mm, angled 40 degrees	5	17
581112	EdgeAhead® Circular Knife, 2.25 mm, angled 60 degrees, 3 mm from tip	5	17
581116	EdgeAhead® Circular Knife, 2.25 mm, angled 60 degrees, 6 mm from tip	5	17
581117	Visitec® EdgeAhead® Knife, 2.25 mm, straight	5	18
581118	Visitec® EdgeAhead® Knife, 2.25 mm, angled 60 degrees, bevel up	5	18
581119	Visitec® EdgeAhead® Knife, 2.25 mm, angled 60 degrees, bevel down	5	18
581121	EdgeAhead® Slit Knife, 3.5 mm, angled 40 degrees	5	17
581123	EdgeAhead® Slit Knife, 2.65 mm, angled 40 degrees	5	17

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581125	EdgeAhead® IOL Knife, 5.7 mm, angled 40 degrees	5	17
581127	EdgeAhead® IOL Knife, 4.1 mm, angled 40 degrees	5	17
581129	EdgeAhead® Slit Knife, 2.5 mm, angled 40 degrees	5	17
581135	EdgeAhead® Slit Knife, 2.3 mm, angled 40 degrees	5	17
581137	Visitec® EdgeAhead® Knife, 1.75 mm, angled 60 degrees	5	18
581139	EdgeAhead® IOL Knife, 6.2 mm, angled 40 degrees	5	17
581141	EdgeAhead® IOL Knife, 3.5 mm, angled 40 degrees	5	17
581142	EdgeAhead® Slit Knife, 1.2 mm, angled 40 degrees	5	17
581143	EdgeAhead® Slit Knife, 1.4 mm, angled 40 degrees	5	17
581144	EdgeAhead® Slit Knife, 1.5 mm, angled 40 degrees	5	17
581145	EdgeAhead® Slit Knife, 1.75 mm, angled 40 degrees	5	17
581273	Anterior Chamber Cannula [Rycroft] 30G	10	30
581275	Retrobulbar (Sharp Point) Needle 25G	10	30
581276	Lacrimal Cannula 26G	10	47
581277	Anterior Chamber Cannula 16G	10	31
581280	Anterior Chamber Cannula [Rycroft] 27G	10	30
581281	Anterior Chamber Cannula [Rycroft] 21G	10	30
581284	Anterior Chamber Cannula 27G	10	31
581285	Anterior Chamber Cannula 30G	10	31
581409	Bonn Forceps	10	53
581411	Tying Forceps	10	54
581412	Buratto's Hook	10	56
581413	Eye Speculum (open wire loops)	10	52
581416	MacPherson Forceps	10	54
581417	Needle Holder	10	54
581422	Vannas Scissors	10	55
581423	Micro Manipulator	10	56
581436	Moorfield Forceps	10	53
581437	Westcott Scissors	10	55
581438	Visitec® Single-Use Instrument Kit	10	102
581441	Micro Manipulator (plastic handle)	10	56
581442	Sinskey Hook (plastic handle)	10	56
581443	Eye Speculum (open wire loops)	10	52
581450	Chalazion Forcep [Desmarres]	10	58
581456	Colibri Forceps [Barraquer]	10	53
581458	Jewelers Forceps	10	54
581459	Micro Tying Forceps	10	54
581460	Suture Forceps [Paufique]	10	53
581461	Chalazion Curette	10	58
581464	Lens Manipulator [Lester]	10	56
581466	Nucleus Rotator [Pisacano]	10	56
581467	Phaco Chopper [Nagahara]	10	55
581468	Needle Holder [Barraquer]	10	54

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581471	Strabismus Scissors	10	55
581472	Westcott Scissors	10	55
581474	Eye Speculum [Barraquer], adult	10	52
581475	Eye Speculum [Castroviejo]	10	52
581477	Eye Speculum [Barraquer]	10	52
581478	Eye Speculum [Lieberman]	10	52
581480	Vitreoretinal Forceps	10	54
581481	Capsulorhexis Forceps [Utrata], straight, flat handle	10	53
581482	Capsulorhexis Forceps [Masket], curved, flat handle	10	53
581483	Capsulorhexis Forceps [Utrata], round handle	10	53
581486	Next Generation Capsulorhexis Forceps (Grasping Tips)	10	53
581488	Next Generation Capsulorhexis Forceps (Sharp Tips)	10	53
581489	Next Generation Bonn Forceps	10	53
581490	Next Generation Tying Forceps	10	54
581592	Nucleus Hydrodissector 30G	10	35
581595	Micro Irrigating Vectis 27G	5	42
581599	Irrigating Cystotome, formed 23G	10	33
581602	Side Cutting Irrigating Cystotome, formed 25G	10	33
581604	Capsule Polisher [Kratz] 21G	10	39
581605	Capsule Polisher [Kratz] 23G	10	39
581610	Irrigating Cystotome [Pearce], formed 25G	10	33
581614	Capsule Polisher 21G	10	39
581615	Lacrimal Cannula 21G	10	48
581617	Irrigating Cystotome, straight 25G	10	34
581618	Irrigating Cystotome, formed 27G	10	33
581619	Irrigating Vectis [Pearce] 25G	5	42
581624	Coaxial I and A Cannula [Pearce]	5	41
581626	Irrigating Vectis 25G	5	42
581630	Irrigating Cystotome, formed 30G	10	33
581637	Retrolubar [Atkinson] Needle, 25G	10	29
581638	Retrolubar [Atkinson] Needle, 23G	10	29
581639	Anterior Chamber Cannula [Rycroft], 25G	10	30
581641	Retrolubar (Sharp) [Atkinson] Needle, 25G	10	29
581642	Anterior Chamber Cannula, 25G	10	31
581645	Posterior Scraper [Simcoe], 23G	10	39
581700	Visidrape® Incise	10	90
581705	Visitec® ProOphta® Eye Patch	50	96
581707	Visitec® Sponge [Salz] 13 mm	20	84
581708	Visitec® Universal Paediatric Eye Shield	25	95
581709	Visitec® PVA LASIK Expanded Spear	40	81
581710	Visidrape® Dual Refractive Drape	10	90
581715	Visidrape® Full Body Incise Drape, 165 cm x 254 cm	10	88

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581722	Visidrape® Non-woven Full Body Aperture Drape, 165 cm x 254 cm	10	88
581723	Visidrape® Non-woven Half Body Incise Drape, 165 cm x 183 cm	10	89
581729	Saline Solution, 500 ml plastic bottle	12	93
581730	Saline Solution, 500 ml plastic bottle (double boxed)	12	93
581732	Saline Solution, 500 ml glass bottle	12	93
581738	Saline Solution, 500 ml plastic bottle (double boxed)	15	93
581744	BVI Visc® Viscoelastic Solution	1	92
581745	BVI MultiVisc® Viscoadaptive Solution	1	92
581749	BVI 1.0% OVD	1	92
581750	BVI 1.2% OVD	1	92
581751	Visitec® LASIK PVA Spear - Blue Handle	100	81
581761	Visitec® LASIK PVA Spear - Orange Handle	100	81
585001	Retrolubar/Perilubar [Atkinson] Needle, 23G	10	30
585002	High Viscosity Injector [Peyman], 16G	5	44
585003	Micro J Shape Cannula, 25G	10	37
585004	Irrigating Cystotome, 25G	10	33
585005	Flexible Tip Cannula, 27G	10	38
585006	Anterior Chamber Cannula, 27G	10	31
585007	Viscoflow Cannula, formed 27G	10	32
585008	Irrigating Cystotome, 27G	10	33
585009	Viscoflow Cannula, 23G	10	32
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585016	Lacrimal Cannula, 19G	5	48
585017	Flexible Tip Cannula, 25G	10	38
585018	Micro J Shape Cannula, 27G	10	37
585019	Retrolubar, Curved [Atkinson/Straus] Needle, 25G	10	29
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585025	Anterior Chamber Cannula [Rycroft], 23G	10	30
585026	Viscoflow Cannula, 27G	10	32
585027	Perilubar [Atkinson] Needle, 25G	10	29
585029	Micro J Shape Hydrodissector [Pearce], 27G	10	38
585030	Irrigating Cystotomes [Joyce], 25G	10	34
585031	Lacrimal Trephine [Sisler], 21G	3	48
585032	Small Incision Irrigating Vectis [Pearce], 27G	5	42
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585037	Nucleus Hydrodissector [Pearce], 25G	10	35
585038	IOL Manipulator [Lester]	3	56
585039	Irrigating Cystotome [Joyce], 27G	10	34
585040	Bishop Harmon Cannula, 19G	10	31
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585042	Irrigating Cystotome [Blumenthal], formed, 27G	10	32
585043	Irrigating Cystotome [Blumenthal], straight 27G	10	32
585047	I and A Cannula [Simcoe], 23G/23G	5	41
585049	Irrigating Cystotome, formed 25G	10	33
585061	Self Retaining ACM [Lewicky]	3	50
585062	IOL Manipulator [Sinskey]	3	56
585063	IOL Manipulator, angled [Sinskey]	3	56
585068	Lacrimal Cannula, 25G	10	48
585069	Button Tip Manipulator	3	56
585075	Cortex Extractor 23G	10	40
585077	Nucleus Rotator [Jaffe/Bechert]	3	56
585086	I and A Cannula [Simcoe], 23G/23G	3	41
585089	I and A Cannula [Gills], 23G/25G	5	41
585090	ViscoExpression Cannula [Corydon], 25G	10	38
585091	J Shape Cannula, 23G	10	37
585092	Vitreoretinal Viscodissector 90° [Glaser]	5	43
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585102	J Shape Hydrodissector [Pearce], 25G	10	38
585104	I and A Cannula [Dahon-Simcoe], 23G/23G	3	41
585106	Cortex Extractor [Charleux]	10	40
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585295	Nucleus Hydrodissector [Chang]	10	36
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8320150	Diagnostic Light	1	99
8440000	Accu-Temp® Variable Low Temperature Cautery, fine tip	10	78
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8441500	Accu-Temp® High Temperature Cautery, elongated Vasector fine tip	10	77
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A13-202	Extend® Absorbable Synthetic Implants (Mid-Term Occlusion) 0.2 mm x 2.0 mm	10 pair; 20 implant	70
A13-203	Extend® Absorbable Synthetic Implants (Mid-Term Occlusion) 0.3 mm x 2.0 mm	10 pair; 20 implants	70
A13-204	Extend® Absorbable Synthetic Implants (Mid-Term Occlusion) 0.4 mm x 2.0 mm	10 pair; 20 implants	70
A13-205	Extend® Absorbable Synthetic Implants (Mid-Term Occlusion) 0.5 mm x 2.0 mm	10 pair; 20 implants	70

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A14-202BN	Parasol® Non-Sterile Bulk Medium (0.6 mm - 0.85 mm)	10 pair	68
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A14-402	Micro Flow™ (Partial Occlusion) Medium, Sterile, Pre-loaded (0.55 mm - 0.7 mm)	1 pair	70
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OME200SMAHRA	Triple Function Ophthalmic Laser Endoscope, 19G, Straight, High (17K pixel)	1	63
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OME200SMAXA	Triple Function Ophthalmic Laser Endoscope, 20G, Straight, (10K pixel)	1	63
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COLOR	HUB	GAUGE	ID (IN)	ID (MM)	OD (IN)	OD (MM)
Natural* (Clear)		30G	.006	.15	.012	.30
Grey		27G	.008	.20	.016	.40
Brown		26G	.010	.25	.018	.45
Orange		25G	.010	.25	.020	.50
Purple		24G	.012	.30	.022	.55
Blue		23G	.013	.33	.025	.60
Black		22G	.016	.41	.028	.70
Green		21G	.020	.51	.032	.80
Yellow		20G	.024	.60	.036	.90
Cream		19G	.028	.70	.043	1.10

*Not an ISO color code.

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