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Forceps

Fixation



Akduman Globe Fixation Forceps
Z - 1526

Product Description:

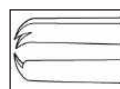
This instrument is used for globe stabilization for 23 gauge and 25 gauge trocar insertion. It is similar to the Z-1697 Castroviejo Suturing Forceps, with one tooth on each tip and a stopper to prevent closure beyond 10mm. The forceps teeth exert little pressure to stabilize the globe securely and gently, avoiding damage to the conjunctiva. The stopper prevents from grasping at more than the limbus, minimizing risk of corneal abrasion. This instrument also allows unlimited space in the surrounding area for the fellow hand instruments and offers no restriction during concomitant manipulations.



Castroviejo Fixation Forceps
Z - 1693

Product Description:

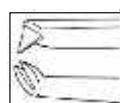
Straight shafts, 1 x 2 teeth. Wide serrated handle. Teeth: 0.3mm. Overall length: 108mm, 4.3 inches



Castroviejo Fixation Forceps
Z - 1695

Product Description:

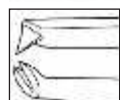
Straight shafts, 1 x 2 teeth. Wide serrated handle. Teeth: 0.5mm. Overall length: 109mm, 4.3 inches



Elschnig Fixation Forceps
Z - 1584

Product Description:

Straight shafts with 2.0mm, 1 x 2 Elschnig style teeth. Serrated handle. Overall length: 109mm, 4.3 inches. Handle: Narrow



Elschnig Fixation Forceps
Z - 1585

Product Description:

Straight shafts with 2.0mm, 1 x 2 Elschnig style teeth. Serrated handle. Overall length: 109mm, 4.3 inches. Handle: Wide



Graefe Fixation Forceps
Z - 1472

Product Description:

Jaws with fine teeth. Serrated handle.

Overall length: 108mm, 4.3 inches. Jaws: Wide, 4.5mm. With thumb catch lock

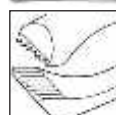


Graefe Fixation Forceps
Z - 1460

Product Description:

Jaws with fine teeth. Serrated handle.

Overall length: 108mm, 4.3 inches. Jaws: Narrow, 3.5mm. Without thumb catch lock

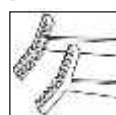


Graefe Fixation Forceps
Z - 1462

Product Description:

Jaws with fine teeth. Serrated handle.

Overall length: 108mm, 4.3 inches. Jaws: Wide, 4.5mm. Without thumb catch lock

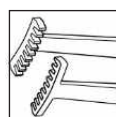


Green Fixation Forceps
Z - 1500

Product Description:

Narrow 12mm jaws with fine teeth. Serrated handle.

Overall length: 100mm, 3.9 inches



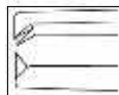
Green Straight Fixation Forceps
Z - 1504

Product Description:

5mm jaws with teeth provide secure fixation of ocular structures. Overall length: 100mm, 3.9 inches

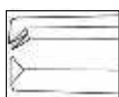
Forceps

Fixation



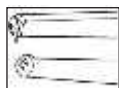
Iowa State Fixation Forceps
Z - 1624

Product Description:
Straight shafts with 1 x 2 teeth. Flat handle.
Overall length: 86mm, 3.4 inches.



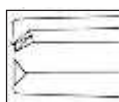
Lester Fixation Forceps
Z - 1554

Product Description:
Straight shafts and serrated handle.
Overall length: 96mm, 3.8 inches. Teeth: Fine 1 x 2 teeth



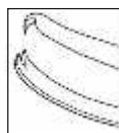
Lester Fixation Forceps
Z - 1556

Product Description:
Straight shafts and serrated handle. Overall length: 96mm,
3.8 inches. Teeth: Fine 2 x 3 teeth



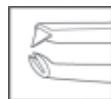
Lester Fixation Forceps - Non-Magnetic
Z - 6668

Product Description:
Straight shafts with heavy 1 x 2 teeth. serrated handle .
Overall length: 95mm, 3.8 inches



Moody Curved Fixation Forceps
Z - 1453

Product Description:
Curved shafts with 0.5mm, 1 x 2 teeth. Serrated handle with
thumb catch lock. Overall length: 108mm, 4.3 inches



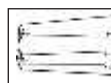
O'Connor-Elschnig Fixation Forceps
Z - 2156

Product Description:
Straight shafts with heavy Elschnig teeth. Flat serrated handle
with slide style lock . Overall length: 109mm, 4.3 inches



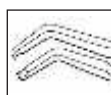
**Osher 0.12mm Forceps -
Elschnig Teeth**
Z - 1464

Product Description:
The Elschnig teeth of this forceps are ideal for grasping sclera
during suturing. Delicate tying platform handles the finest suture
material. 0.12mm, 1 x 2 teeth. Overall length: 104mm, 4.1
inches



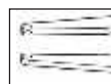
Osher Conjunctival Fixation Forceps
Z - 1617

Product Description:
Straight shafts with 5.5mm tying platform and 45 degree 0.3mm
teeth. Wide serrated handle. Overall length: 108mm, 4.3 inches



Pierse Colibri Forceps
ZT - 3100

Product Description:
Colibri handle. Pierse tips with 6mm platform. 2.5mm angled
tips. Overall length: 70mm.



Pierse Forceps - Straight
Z - 2-000

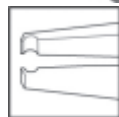
Product Description:
Straight shafts with 6mm platform and Pierse tips. Flat
serrated handle. Overall length: 85mm, 3.3 inches

Forceps



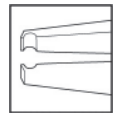
Pierse Type Colibri Micro Forceps
Z - 1843 22

Product Description:
Colibri style 0.1mm Pierse tips. Flat open handle. Overall length: 78mm, 3.1 inches.



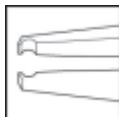
Pierse Type Fine Forceps
Z - 1842 11

Product Description:
Straight shafts with fine Pierse type tips. Flat smooth handle. Overall length: 94mm, 3.7



Pierse Type Fine Skeleton Forceps
Z - 1842 18

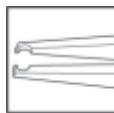
Product Description:
Straight shafts with fine Pierse type tips. Flat open serrated handle. Overall length: 82mm, 3.2 inches



Pierse Type Micro Forceps - Straight
Z - 1842 15

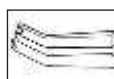
Product Description:
Straight shafts with fine Pierse type tips. Flat smooth handle. Overall length: 94mm, 3.3 inches

Fixation



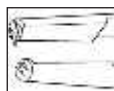
Pierse Type Straight Micro Forceps
Z - 1843 15

Product Description:
Straight shafts with 0.1mm Pierse tips. Flat smooth handle. Overall length: 82mm, 3.2 inches



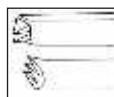
Thornton Angled Fixation Forceps
Z - 1701

Product Description:
Straight shafts with 25 degree angled 1.5mm tips. 4mm platform with 0.12mm, 1 x 2 teeth. Wide serrated handle. Overall length: 109mm, 4.3 inches



Thorpe Conjunctival Fixation Forceps
Z - 1630

Product Description:
Straight shafts with 90 degree, 2 x 3 teeth and tying platform. Serrated handle. Overall length: 94mm, 3.7 inches



Thorpe Corneal Fixation Forceps
Z - 1632

Product Description:
Straight shafts with 45 degree, 0.12mm, 2 x 3 teeth and tying platform. Serrated handle. Overall length: 94mm, 3.7 inches

Forceps



Bonn Forceps
Z - 2-010

Product Description:
0.12mm 1 x 2 teeth with 7mm platform. Flat serrated handle. Overall length: 85mm, 3.3 inches.

Suturing

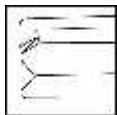


Castroviejo Suture Forceps
ZT -1698

Product Description:
Straight shafts with teeth and 5mm tying platform. Wide serrated handle. Teeth: 0.5mm. Overall length: 109mm, 4.3 inches.

Forceps

Suturing



Bonn Suturing Forceps
Z - 1709

Product Description:

Straight shafts with 0.12mm teeth. Serrated handle. Overall length: 74mm, 2.9 inches.



Castroviejo Suture Forceps
ZT -1696

Product Description:

Straight shafts with teeth and 5mm tying platform. Wide serrated handle. Teeth: 0.12mm. Overall length: 108mm, 4.2 inches.



Castroviejo Suture Forceps
ZT -1697

Product Description:

Straight shafts with teeth and 5mm tying platform. Wide serrated handle. Teeth: 0.3mm. Overall length: 109mm, 4.3 inches.



Castroviejo Suturing Forceps
Z - 1697

Product Description:

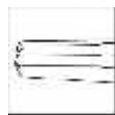
Straight shafts with teeth and 5.5mm tying platform. Wide serrated handle. Teeth: 0.3mm. Overall length: 109mm, 4.3 inches.



Castroviejo Suturing Forceps
Z - 1698

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Wide serrated handle. Teeth: 0.5mm. Overall length: 109mm, 4.3 inches.



Castroviejo Suturing Forceps
Z - 1683

Product Description:

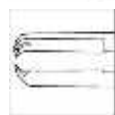
Bayonet shafts with teeth and 6mm tying platform. Wide serrated handle. Overall length: 106mm, 4.2 inches. Teeth: 0.3mm.



Castroviejo Suturing Forceps
Z - 1685

Product Description:

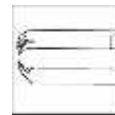
Bayonet shafts with teeth and 6mm tying platform. Wide serrated handle. Overall length: 106mm, 4.2 inches. Teeth: 0.5mm.



Castroviejo Suturing Forceps
Z - 1696

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Wide serrated handle. Teeth: 0.12mm. Overall length: 108mm, 4.2 inches.



Castroviejo Suturing Forceps
Z - 1702

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Serrated handle. Teeth: 0.9mm. Overall length: 108mm, 4.3 inches.



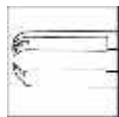
Castroviejo Suturing Forceps
Z - 1706

Product Description:

Angled 45 degree shafts with 0.5mm teeth and 6mm tying platform. Overall length: 108mm, 4.3 inches.

Forceps

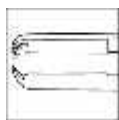
Suturing



**Castroviejo Suturing Forceps
Z - 1699**

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Wide serrated handle. Teeth: 1.5mm. Overall length: 108mm, 4.3 inches.



**Castroviejo Suturing Forceps
Z - 1700**

Product Description:

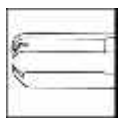
Straight shafts with teeth and 5.5mm tying platform. Serrated handle. Teeth: 0.5mm. Overall length: 108mm, 4.3 inches.



**Castroviejo Suturing Forceps 0.5mm
ZT - 1101**

Product Description:

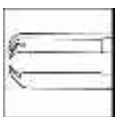
Straight shafts with teeth and 5.5mm tying platform. Teeth: 0.5mm.



**Fine-Castroviejo Suturing Forceps
Z - 1705**

Product Description:

Straight shafts. Teeth: 0.22mm. Tying platform: 5.5mm. Handle: Serrated. Overall length: 108mm, 4.3 inches.



**Fine-Castroviejo Suturing Forceps
Z - 1705 XD**

Product Description:

Straight shafts. Teeth: 0.12mm. Tying platform: 6.0mm. Handle: Serrated. Overall length: 108mm, 4.3 inches.



**Castroviejo Suturing Forceps
0.12mm
ZT - 1100**

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Teeth: 0.12mm.



**Castroviejo Suturing Forceps 0.3mm
ZT - 1105**

Product Description:

Straight shafts with teeth and 5.5mm tying platform. Teeth: 0.3mm..



**Kelman-McPherson Angled
Suturing-Corneal Forceps
Z - 1713 AK**

Product Description:

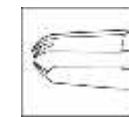
Angled 45 degree shafts 8mm long with 1 x 2 teeth and 5mm tying platform. Serrated handle. Overall length: 85mm, 3.3 inches.



**Lieberman Suturing Forceps
Z - 1717 S**

Product Description:

Colibri style tips. Double toothed tips with 0.10mm teeth spaced 1mm apart and 7mm tying platform. Wide serrated handle. Overall length: 109mm, 4.3 inches.



**Manhattan Eye and Ear Suturing
Forceps
Z - 1732**

Product Description:

Straight shafts with 1 x 2 teeth and 6mm tying platform. Wide smooth handle. Overall length: 87mm, 3.4 inches.

Forceps

Suturing



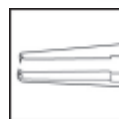
Fine-Castroviejo Suturing Forceps
Z - 1705 XDWH

Product Description:
Straight shafts. Teeth: 0.12mm. Tying platform: 5.0mm. Handle:
Wide Serrated. Overall length: 110mm, 4.3 inches



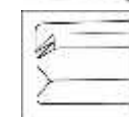
**McPherson Angled
Suturing-Corneal Forceps**
Z - 1713 A

Product Description:
Angled 45 degree shafts with 1 x 2 teeth and 5mm tying
platform. Serrated handle. Overall length: 85mm, 3.3 inches.



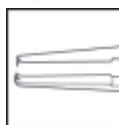
**McPherson Straight
Suturing-Corneal Forceps**
Z - 1713 S

Product Description:
Straight shafts with 1 x 2 teeth and 5mm tying platform.
Serrated handle. Overall length: 87mm, 3.4 inches



ZABBY'S-Bonn Forceps
ZT - 1711

Product Description:
Straight shafts with 0.12mm teeth and 5mm tying platform.
Serrated handle. Overall length: 94mm, 3.7 inches.



**O'Gawa Straight
Suture-Fixation Forceps - 0.12mm**
Z - 1781 .12S

Product Description:
Straight shafts with 5.5mm tying platform. 0.3mm gap at
platform heel. True round knurled handle in the closed position.
Overall length: 108mm, 4.3 inches. Tips: 0.12mm teeth.



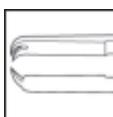
Snyder 23ga Suture Forceps Curved
ZT - 1689CTL

Product Description:
The sturdy 23 gauge shaft and gently curved jaws provide
excellent utility in the anterior chamber for grasping and tying
sutures for various intraocular techniques.



Sauer Suturing Forceps
Z - 1730

Product Description:
Straight shafts with 1 x 2 teeth. Wide serrated handle.
Overall length: 86mm, 3.4 inches.



**Sanders-Castroviejo Suturing
Forceps**
Z - 1696 S

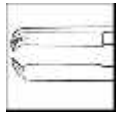
Product Description:
Straight, heavy shafts with 0.12mm teeth and 5.5mm tying
platform. Wide serrated handle. Overall length: 109mm, 4.3
inches.



Paufigue Suturing Forceps
Z - 1731

Product Description:
Straight shafts with 1 x 2 teeth and 6mm tying platform. Wide
serrated handle. Overall length: 87mm, 3.4 inches.

Forceps

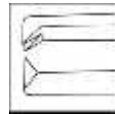


Stern-Castroviejo Suturing Forceps
Z - 1698 S

Product Description:

Straight shafts with 0.5mm teeth and 6mm tying platform. Wide serrated handle with thumb catch lock. Overall length: 108mm, 4.3 inches.

Suturing



ZABBY'S Bonn Suturing Forceps
Z - 1711

Product Description:

Straight shafts with 0.12mm teeth and 5mm tying platform. Serrated handle. Overall length: 94mm, 3.7 inches.

Forceps



Girard Corneoscleral Forceps, Colibri Style
Z - 3095

Product Description:

6mm tying platform. Round knurled handle. Overall length: 107mm, 4.2 inches. Teeth: 0.12mm, 1 x 2. Orientation: Right hand.



Colibri Forceps
Z - 2-035

Product Description:

0.12mm 1 x 2 teeth with 6mm platform and 2mm angled tips. Flat serrated handle. Overall length: 114mm, 4.5 inches.



Colibri Forceps 0.12mm
ZT - 3099

Product Description:

0.12mm. 1 x 2 teeth. Serrated handle. Overall length: 73mm, 2.9 inches.

Corneal



Charlie Forceps II
ZT - 3022

Product Description:

This instrument is designed to minimize compression at the tips and maximize donor endothelial survival during donor insertion for the DSAEK, DSEK and DLEK procedures. The forceps have been modified with a space between the tips, allowing tissue insertion without crushing while reducing cell damage.



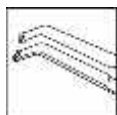
Carlson DSEK Graft Forceps
Z - 1939

Product Description:

These forceps are designed to grasp the graft for insertion into the anterior chamber. The forceps platforms at the tip provide secure grasp at the tip and a platform at the rear of the forceps arms provide a mechanical stop to prevent crushing the tissue.

Forceps

Corneal



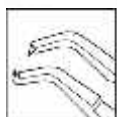
**Cohan Corneal Utility Forceps,
Colibri Style
Z - 3104 C**

Product Description:
0.12mm, 1 x 2 teeth set at 45 degrees with 5mm tying platform. Serrated handle. Overall length: 60mm, 2.4 inches.



**Girard Corneoscleral Forceps,
Colibri Style
Z - 3093**

Product Description:
6mm tying platform. Round knurled handle. Overall length: 107mm, 4.2 inches. Teeth: 0.12mm, 1 x 2. Orientation: Left hand.



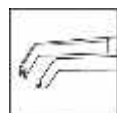
**Colibri Forceps
Z - 2-032**

Product Description:
0.12mm 1 x 2 teeth with 6mm platform and 2mm angled tips. Flat serrated handle. Overall length: 86mm, 3.3 inches.



**Kim Peeling Forceps
Z - 1941**

Product Description:
The tips of these forceps are angled upwards to grasp the edge of Descemet's membrane to complete the stripping technique. The coaxial activation of the forceps provides excellent control in the anterior chamber and allows freedom of movement through the wound.



**Nordan Colibri Forceps
Z - 3087**

Product Description:
Stainless steel model of the popular Nordan titanium Colibri forceps. Tying platform with 0.12mm teeth for grasping delicate structures. Flattened round handle. Overall length: 104mm, 4.1 inches.



**Maumenee Corneal Forceps,
Colibri Style - 90 Degree
Z - 3107 90**

Product Description:
5mm tying platform, serrated cross action handle. Overall length: 121mm, 4.8 inches. Teeth: 0.10mm, 1 x 2 set at 90 degrees.



**Katzin-Barraquer Corneal Utility
Forceps, Colibri Style
Z - 3090**

Product Description:
0.4mm, 1 x 2 teeth and 7mm tying platform. Serrated handle. Overall length: 73mm, 2.9 inches.

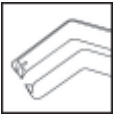


**Harms Corneal Utility Forceps,
Colibri Style
Z - 3104**

Product Description:
0.12mm, 1 x 2 teeth set at 45 degrees with 4.5mm tying platform. Serrated handle. Overall length: 70mm, 2.7 inches.

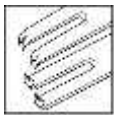
Forceps

Corneal



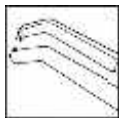
O'Gawa Colibri Forceps
Z - 3096

Product Description:
Colibri style tips with 0.12mm, 1 x 2 teeth. Round knurled handle with alignment pin. Overall length: 106mm, 4.2 inches.



Polack Double Corneal Forceps, Colibri Style
Z - 3115

Product Description:
Two 2.75mm long tips separated 1mm with 1 x 2 teeth. Serrated handle. Overall length: 71mm, 2.8 inches.



ZABBY'S Corneal Forceps, Colibri Style
Z - 3105

Product Description:
0.12mm, 1 x 2 teeth set at 45 degrees with 6mm tying platform. Wide serrated handle. Overall length: 106mm, 4.2 inches.



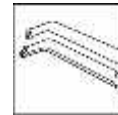
Troutman-Barraquer Corneal Utility Forceps, Colibri Style
Z - 3099

Product Description:
0.12mm, 1 x 2 teeth. Serrated handle. Overall length: 73mm, 2.9 inches.



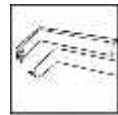
Maumenee Corneal Forceps, Colibri Style - 45 Degree
Z - 3107 45

Product Description:
5mm tying platform, serrated cross action handle. Overall length: 121mm, 4.8 inches. Teeth: 0.10mm, 1 x 2 set at 45 degrees.



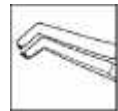
Troutman-Barraquer Corneal Utility Forceps, Colibri Style
Z - 3091

Product Description:
0.3mm, 1 x 2 teeth and 6mm tying platform. Serrated handle. Overall length: 73mm, 2.9 inches.



Troutman-Barraquer Corneal Utility Forceps, Colibri Style - 0.5mm
Z - 3097

Product Description:
0.5mm, 1 x 2 teeth set at 45 degrees and 6mm tying platform. Serrated handle. Overall length: 72mm, 2.8 inches.



University of Kansas Corneal Forceps, Colibri Style
Z - 3103 0.12

Product Description:
Serrated handle with 7mm tying platform. Overall length: 107mm, 4.2 inches. Teeth: 0.12mm, 2 x 2 set at 45 degrees.

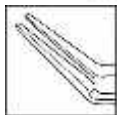


Snyder Stripping Forceps
Z - 1915

Product Description:
Tips of these forceps are angled upwards to grasp the edge of Descemet's membrane to complete the stripping technique. Iris stop allows the surgeon to reliably grasp the membrane without grasping iris or other ocular structures.

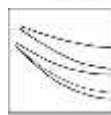
Forceps

Tying



Bechert-McPherson Angled Tying Forceps
Z - 1715 AB

Product Description:
Angled 45 degree shafts with 10mm tying platform. Serrated handle. Overall length: 83mm, 3.3 inches.



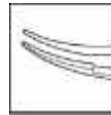
Fine Tying Forceps
Z - 1785

Product Description:
Curved shafts and tips with tying surfaces. Wide serrated handle. Overall length: 108mm, 4.3 inches.



Bechert-McPherson Angled Tying Forceps
Z - T1215

Product Description:
Angled 45 degree shafts with 10mm tying platform.



Girard Fine Tying Forceps - Curved
Z - 3092 FT

Product Description:
Ultra-fine 5mm tying platform with round knurled handle for fingertip rotational control. Overall length: 100mm, 3.9 inches. Curved shafts.



Catalano Straight Micro Tying Forceps
Z - 1756

Product Description:
Straight shafts with 6mm tying platform and crisscross serrated tips. Round knurled handle. Overall length: 114mm, 4.5 inches.



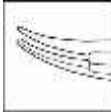
Girard Fine Tying Forceps - Straight
Z - 3092 FTS

Product Description:
Ultra-fine 5mm tying platform with round knurled handle for fingertip rotational control. Overall length: 100mm, 3.9 inches. Straight shafts.



Clayman - McPherson Angled Tying Forceps
Z - 1719

Product Description:
Angled 45 degree shafts 8mm from tip to bend with 4mm tying platform. Smooth handle. Overall length: 80mm, 3.2 inches.



Girard Tying Forceps - Curved
Z - 3092 T

Product Description:
5mm tying platform. Round knurled handle. Curved shafts. Overall length: 99mm, 3.9 inches.

Forceps

Tying



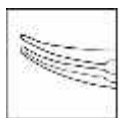
Girard Tying Forceps - Straight
Z - 3092 TS

Product Description:
5mm tying platform. Round knurled handle. Straight shafts.
Overall length: 100mm, 3.9 inches.



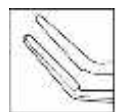
Kelman-McPherson Angled Tying Forceps
Z - 1715 AK

Product Description:
Angled 45 degree shafts 8mm from tip to bend with 5mm tying platform. Serrated handle. Overall length: 84mm, 3.3 inches.



Harms-Tubingen Curved Tying Forceps
Z - 1788 C

Product Description:
Curved shafts and tips with 7mm tying platform. Serrated handle. Overall length: 101mm, 4.0 inches.



McPherson Angled Tying Forceps
Z - 1715 A

Product Description:
Angled shafts with 4mm tying platform. Serrated handle. Overall length: 82mm, 3.2 inches.



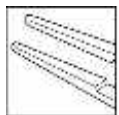
Harms-Tubingen Straight Tying Forceps
Z - 1788 S

Product Description:
Straight shafts with 6mm tying platform. Serrated handle. Overall length: 101mm, 4.0 inches.



McPherson Angled Tying Forceps
Z - T1715 A

Product Description:
Angled shafts with 4mm tying platform. Serrated handle. Overall length: 82mm, 3.2 inches.



Kelman-McPherson Angled Tying Forceps
Z - T1715 AK

Product Description:
Angled 45 degree shafts 8mm from tip to bend with 5mm tying platform. Serrated handle. Overall length: 84mm, 3.3 inches.



McPherson Angled Tying Forceps
Z - T1107

Product Description:
Angled shafts with 4mm tying platform.

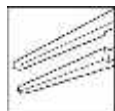
Forceps

Tying



**McPherson Curved Forceps
Z - T1715 C**

Product Description:
Curved shafts with 4mm tying platform. Serrated handle.
Overall length: 83mm, 3.3 inches.



**McPherson Straight Forceps
Z - T1715 S**

Product Description:
Straight shafts with 4mm tying platform. Serrated handle.
Overall length: 83mm, 3.3 inches.



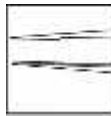
**McPherson Straight Tying Forceps
Z - 1715 S**

Product Description:
Straight shafts with 4mm tying platform. Serrated handle.
Overall length: 83mm, 3.3 inches.



**McPherson Straight Tying Forceps
Z - T1104**

Product Description:
Straight shafts with 4mm tying platform. Serrated handle.



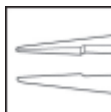
**Neumann Tying Forceps - Straight
Z - 1720 S**

Product Description:
Ultra-fine 5mm tying platform is valuable when manipulating delicate 10-0 and 11-0 sutures. Pin in handle keeps tips in alignment. Shafts available straight or angled 45 degrees, 8mm from tip. Overall length: 80mm, 3.2 inches. Straight shafts.



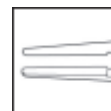
**Nordan Curved Tying Forceps
2-320**

Product Description:
Curved shafts with 5.5mm tying platform. Round knurled handle. Overall length: 110mm, 4.3 inches.



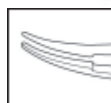
**Nordan Straight Tying Forceps
2-310**

Product Description: Straight shafts with 6.5mm tying platform. Round knurled handle. Overall length: 111mm, 4.4 inches.



**O'Gawa Castroviejo Tying Forceps
Z - 1696 WO**

Product Description:
Straight shafts with 6mm tying platform. Wide serrated handle. Overall length: 108mm, 4.3 inches.

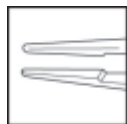


**O'Gawa Curved Tying Forceps
Z - 1781**

Product Description:
Curved shafts and tips with 5.5mm tying platform. 0.3mm gap at platform heel. True round knurled handle in closed position. Overall length: 108mm, 4.3 inches.

Forceps

Tying



O'Gawa Straight Tying Forceps
Z - 1781 S

Product Description:

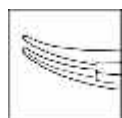
Straight shafts and tips with 5.5mm tying platform. 0.3mm gap at platform heel. True round knurled handle in closed position. Overall length: 108mm, 4.3 inches.



Puntteney Curved Tying Forceps
Z - 1784

Product Description:

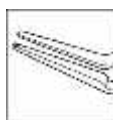
Curved shafts with 12mm tying platform. Serrated handle. Overall length: 108mm, 4.3 inches.



Osher Tying Forceps
Z - 1708

Product Description:

Curved shafts and tips with 6.5mm tying platform. Flat serrated handle. Overall length: 100mm, 3.9 inches.



Sheets-Kelman-McPherson Forceps
Z - T1707

Product Description:

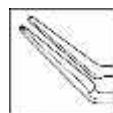
Angled 45 degree shafts with 10.5mm tying platform and 1mm of tip crisscross serrated. Serrated handle. Overall length: 82mm, 3.2 inches.



Osher Ultra Fine Tying Forceps
Z - 1710

Product Description:

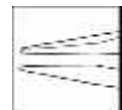
Curved shafts and tips with 6.5mm tying platform. Flat serrated handle. Overall length: 102mm, 4.0 inches.



Sheets-McPherson Angled Tying Forceps
Z - 1707

Product Description:

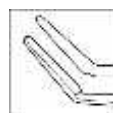
Angled 45 degree shafts with 10.5mm tying platform. 1mm of tip is crisscross serrated. Serrated handle. Overall length: 82mm, 3.2 inches.



Paton Tying and Stitch Removal Forceps
Z - 1789

Product Description:

Straight heavy shafts with delicate 7mm tying platform. Sharp pointed tips for removing fine sutures. Wide serrated handle. Overall length: 105mm, 4.1 inches.



Shepard Angled Tying Forceps
Z - 1755 A

Product Description:

Angled 45 degree shafts with tying platform. Wide serrated handle. Overall length: 107mm, 4.2 inches.

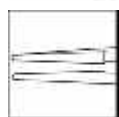
Forceps

Tying



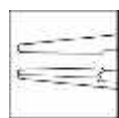
Shepard Curved Tying Forceps
Z - 1755 C

Product Description:
Curved shafts and tips with 6mm tying platform. Wide serrated handle. Overall length: 108mm, 4.3 inches.



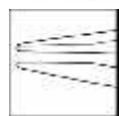
Shepard Straight Tying Forceps
Z - 1755

Product Description:
Straight shafts with 4mm tying platform. Wide serrated handle. Overall length: 108mm, 4.3 inches.



ZABBY'S Straight Tying Forceps
Z - 1797

Product Description:
Straight shafts with 5mm tying platform. Wide handle. Overall length: 109mm, 4.3 inches.



ZABBY'S Tying Forceps
Z - 1787

Product Description:
Straight heavy shaft with 7mm tying surfaces. Wide serrated handle. Overall length: 106mm, 4.2 inches.



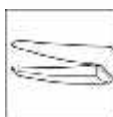
Straight Tying Forceps
2-400

Product Description:
Straight shafts with 7mm tying platform. Flat serrated handle. Overall length: 86mm, 3.4 inches.



Straight Tying Forceps
2-404

Product Description:
Straight shafts with 7mm tying platform. Flat serrated handle. Overall length: 115mm, 4.5 inches.



Troutman Tying Forceps
Z - 1782

Product Description:
Slightly curved 10mm jaws and serrated cross action handle. Overall length 118mm, 4.6 inches.



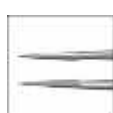
Tying Forceps - Angled
Z - T1752

Product Description:
Angled Castroviejo handle. Overall length: 107mm.



Tying Forceps - Curved
Z - T1750 C

Product Description:
Curved, 7mm tying platform. Castroviejo handle. Overall length: 108mm.



Tying Forceps - Straight
Z - T1750

Product Description:
Straight 7mm tying platform. Castroviejo handle. Overall length: 108mm.

Forceps



Blaydes Angled Lens Forceps
Z - 2884

Product Description:

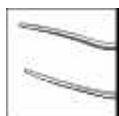
Shafts angled 8mm from tip to bend with smooth jaws. Flat, cross action handle. Overall length: 117mm, 4.6 inches.



Brown Haptic Placement Forceps
Z - 2860

Product Description:

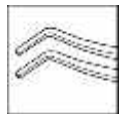
This "trident" shaped forceps is designed to securely grasp the lens at the incision and position it in the capsule. While closed tightly when the lens is in the capsule, the forceps will bend the haptics posteriorly avoiding entanglement with the iris and anterior capsule. It allows precise release of the lens haptics and facilitates small pupil lens implantation.



Buratto Insertion Forceps - Angled
Z - T 2805

Product Description:

Angled insertion forcep used for the IOL lens.



Clayman Lens Forceps
Z - 2882

Product Description:

Curved shafts with 70 degree angled 3mm tips. Flat, cross action handle. Overall length: 119mm, 4.7 inches.

Intraocular Lens



Cozean-McPherson Angled Lens Forceps
Z - 2867

Product Description:

Angled 45 degree shafts. 7mm from tip to bend with grooved 2mm platform for grasping lens haptic. Serrated McPherson style handle. Overall length: 80mm, 3.1 inches.



Hall Locking Inserter Forcep
Z - 2873

Product Description:

The Hall Inserter is ideal for insertion of the latest designs of foldable lenses. The ultra thin jaws are textured to prevent migration of the lens from the grasp of the instrument. The flattened round handle eases fingertip manipulations of the instrument for precise release in the desired plane. A lock is provided for ease of loading and release of the lens. Ideal for use with all silicone lenses.



IOL Folding Forceps
2-678

Product Description: Designed to easily fold the IOL lens. Will also fold many styles of soft intraocular lenses. Unique cross-action design facilitates folding of the lens. Overall length: 102mm, 4.0 inches.



IOL Insertion Forceps
2-618

Product Description:

Forceps designed for insertion of foldable intraocular lenses. Unique cross-action design allows for easy insertion of most foldable lens styles. Overall length: 119mm, 4.7 inches.

Forceps



**ZABBY'S Insertion Forceps-
Titanium
Z - T2800**

Product Description:

This forceps was designed with thinner, longer jaws to allow insertion of the IOL through a tunnel or clear corneal incision. The forceps grasp the lens securely, but will not damage the lens. The jaws open wide enough to allow the lens to easily unfold into the posterior chamber.



**ZABBY,S Insertion Forceps-
Titanium
Z - T2801**

Product Description:

This forceps features a modified cross action movement for smaller incision profile. The jaws have a slightly wider opening, facilitating lens insertion.



**Implant Removal Forceps
Z - 1914**

Product Description:

This versatile instrument provides an excellent grasp of the lens optic or lens segment to efficiently remove from the anterior chamber. Excellent for acrylic and silicone IOLs. Cross action and thin instrument shaft allows insertion through the small wound.



**IOL Forceps
Z - 2859**

Product Description:

These forceps are designed to be used with pre-positioned, winged cartridge IOL delivery systems. The jaws feature small paddles which stabilize and prevent upward rocking of the implant while gently sliding the IOL, positioned on a drop of viscoelastic, on the platform and into the cartridge bed. Once positioned in the cartridge bed, the forceps can be closed and positioned gently on top of the IOL to prevent the implant from folding opposite the intended direction. This instrument will work well with both acrylic and silicone implants.

Intraocular Lens



**IOL Inserter
Z - T2811**

Product Description:

Appropriate for sterile single use cartridge for implantation of the Acrylic foldable intraocular lenses. Features a screw mechanism for single-handed delivery and a pre-load position to reduce hand movement and delivery complications.



**Loading Forceps
Z - T2810**

Product Description:

Used to load the IOL into the cartridges. Highly polished tips protect lens surface from scratching.



**Osher-Seibel Folding Forceps
Z - 2876**

Product Description:

A gently curved forceps designed to easily fold today's soft intraocular lenses. The serrated handle ensures a firm grip throughout the folding procedure. Overall length: 107mm, 4.2 inches.



**Shepard Curved Intraocular
Lens Forceps
Z - 2875**

Product Description:

Curved shafts with serrated 1.5mm upper and 2mm lower jaws. Serrated cross action handle. Overall length: 91mm, 3.6 inches.

Forceps



**Shepard IOL Insertion Forceps
2-600**

Product Description:

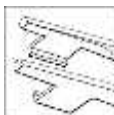
Curved 18mm shafts with 1.5mm wide grasping tip. Flat, serrated cross action handle.
Overall length: 108mm, 4.3 inches.



**Simcoe Posterior Chamber
Lens Forceps
Z - 2877 S2**

Product Description:

Straight 25 gauge shaft with angled tip and sliding inner shaft. Shaft holds the proximal loop against the angled tip while handle is in the normal state. Squeeze type handle.
Overall length: 67mm, 2.6 inches.



**Steinert Folding Forceps
Z - T2804**

Product Description:

Folding forcep used for most IOLS

Intraocular Lens



**ZABBY'S Folding Lens Inserter
2-680**

Product Description:

Thin jaws provide secure grasp of the folded lens for insertion into the eye. Reverse action forceps with angled shaft. Overall length: 114mm, 4.5 inches.



**Thornton Intraocular
Lens Forceps
Z - 2888**

Product Description:

Facilitates grasping and implanting the haptic loop beneath the pupil margin and within the capsular bag without wrist twisting. Angled 45 degree 11mm long jaws are placed in the same vertical plane as the handle. Smooth, flat, cross action handle. Overall length: 86mm, 3.4 inches.



**Universal Folding Forcep
Z - 2881**

Product Description:

Designed to accurately fold most flexible intraocular lenses for ease of grasping with the folding instruments. The notched jaws align the implant and position it for a precise fold. Ideal for lens diameters from 5.5mm and greater. Grasping platform on tip is great for tucking the haptic between the lens halves.

Forceps



**Capsulorhexis Forceps
2-619**

Product Description:

The ultra-fine tips are designed with an iris stop and angled platform tips for grasping delicate capsule. Overall length: 85mm, 3.3 inches.



**Capsulorhexis Forceps Tip
Z - T988TS**

Product Description:

This forceps tip is designed with a pick type tip and is ideal for performing a capsulorhexis through a 1.4mm incision. Has a gently curved shaft for excellent hand placement and control.



**Capsulorhexis Tip
Z - T989 T**

Product Description:

Instrument is designed to perform a capsulorhexis through a 1.4mm phaco incision. Non-rotating squeeze handle for control during MICRO procedures is easily activated



**Curved MICRO Capsulorhexis
Forceps Sharp
Z - 1920 S**

Product Description:

The reduced shaft diameter allows this forceps to be used through a 1.8mm coaxial phaco incision. The angled sharp tips allow this instrument to perforate the capsule to initiate the capsulorhexis. The curved shafts and round handle enhance control.

Capsulorhexis



**Devgan Micro Capsulorhexis
Forceps
Z - T1912**

Product Description:

The ultra-fine tips of this cross action forceps are ideal for todays small incision procedures, even with sub-2mm coaxial phaco incisions. The mildly sharpened tips allow the surgeon to puncture the capsule without the need to open with a cystotome. By slightly tilting the forceps and entering the capsule with one tip, the surgeon can then close the forceps to securely grab the lens capsule for Capsulorhexis formation. The iris stop feature allows the surgeon excellent grasp of the capsule without engaging the iris. Gently curved tip follows the intra-ocular anatomical contour and the modified round handle allows for comfortable hand position during the capsulotomy. The cross action handle allows for excellent alignment of the fine tips, reducing wound gape, loss of viscoelastic and AC shallowing. Marks on shafts 2.5mm and 5.0mm from tip end.



**Devine Micro Capsulorhexis Forceps
Z - 1920**

Product Description:

The reduced shaft diameter allows this forceps to be used through a 1.8mm coaxial phaco incision. The straight sharp tips allow this instrument to perforate the capsule to initiate the capsulorhexis. The curved shafts and round handle enhance control.



**Fixed Coaxial Handle
Z - T8090 H**

Product Description:

Non rotating handle for MICRO procedures. Squeeze handle is easily activated.



**Gimbel Capsulorhexis Forceps
Z - 1902 G**

Product Description:

Similar in construction to the Utrata Capsulorhexis Forceps with jaw set to open only 3mm. Flat handle with dull finish. Overall length: 80mm, 3.2 inches.

Forceps



Grayson Lehner Capsulorhexis Forceps
Z - T1911

Product Description:
Straight shaft with a 2mm platform is ideal for performing capsulorhexis through a clear corneal incision.



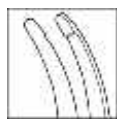
Intraocular Forceps Capsulorhexis
Z - T988 T

Product Description:
This forceps tip is designed with a pick type tip and is ideal for performing a capsulorhexis through a 1.4mm incision. Has a gently curved shaft for excellent hand placement and control.



Kellan Capsulorhexis Forceps
Z - 904

Product Description:
Delicate 45 degree angled shafts and Arruga style tips provide a firm purchase on the lens capsule. Round handle. Overall length: 100mm, 3.9 inches.



Lehner Capsulorhexis Forceps
Z - 1905

Product Description:
Gently curved shaft with 2mm platform ideal for performing capsulorhexis through a tunnel incision. Flat handle. Overall length: 80mm, 3.2 inches.

Capsulorhexis



Lehner-Utrata Capsulorhexis Forceps
Z - 1902 RC

Product Description:
Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Round Handle. Overall length: 112mm, 4.4 inches.



Lehner-Utrata Capsulorhexis Forceps
Z - 1902 C

Product Description:
Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Flat handle. Overall length: 80mm, 3.2 inches



Lehner-Utrata Forceps
Z - T1902 RC

Product Description:
Utrata-like fine angled tips with gently curved shaft for performing capsulorhexis through tunnel incisions. Round handle. Overall length: 112mm, 4.4 inches.



Maloney Capsulorhexis Forcep
Z - T1909

Product Description:
Forceps with gently curved jaws and ultra fine sharpened tips for puncture and grasping the capsule. Round handle is excellent for precise finger-tip control.



MICRO Capsulorhexis Forceps
Z - 1913H

Product Description:
Capsulorhexis Forceps Tip with Seibel Ruler

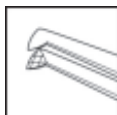
Forceps



**MICRO Capsulorhexis Forceps
Tip with Seibel Ruler
Z - 1913T**

Product Description:

The newest addition to our line of MICRO 1.8mm Capsulorhexis Forceps, this instrument is designed for creating the capsulorhexis during microincision cataract surgery. The Seibel Ruler, etched on the top of the instrument shaft, is used for determining the diameter for capsulorhexis and is especially useful when a specific capsulorhexis diameter is required for various lens implants. The forceps tips are serrated to provide excellent grasp of the capsule.



**O'Gawa-Utrata Capsulorhexis
Forceps
Z - 1902 R**

Product Description:

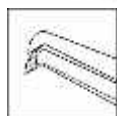
Fine angled tips with angled 12mm shafts and iris stop. Round handle for fingertip rotational control. Dull finish. Overall length: 112mm, 3.9 inches.



**Silverstein MICRO 1.8mm
Capsulorhexis Forceps
Z - 1926**

Product Description:

This unique styled forceps are ultra-thin profile, allowing maximum maneuverability through a sub-2.0mm incision, without oar-locking or unnecessary distortion of the wound architecture during capsulorhexis. In addition, the 5.0mm and 6.0mm marks on the anterior blade surface allows the surgeon to create consistent, central capsulorhexis.



**Utrata Capsulorhexis Forceps
Z - 1902**

Product Description:

Fine angled tips ideal for grasping delicate capsule. Angled 12mm shafts with iris stop allows ease of movement in the anterior chamber. Flat handle. Overall length: 80mm, 3.2 inches.

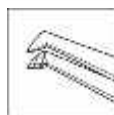
Capsulorhexis



**Utrata Capsulorhexis Forceps
Z - T1902**

Product Description:

Fine angled tips ideal for grasping delicate capsule. Angled 12mm shafts with iris stop allows ease of movement in the anterior chamber. Flat handle. Overall length: 80mm, 3.2 inches..



**Utrata Capsulorhexis Forceps,
Sharp Tips
Z - 1902 S**

Product Description:

The popular Utrata Capsulorhexis Forceps with fine angled sharp tips. Angled 12mm shafts with an iris stop. Flat handle. Overall length: 80mm, 3.2 inches.



**Utrata MICRO Capsulorhexis Forceps
Z - T1102**

Product Description:

Fine angled tips ideal for grasping delicate capsule during 1.8mm MICRO procedures. Angled 12mm shafts with iris stop allows ease of movement in the anterior chamber.



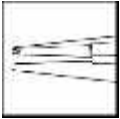
**Utrata MICRO Capsulorhexis Forceps
Z - 1902 M**

Product Description:

Fine angled tips ideal for grasping delicate capsule during MICRO 1.8mm procedures. Angled 12mm shafts with iris stop allows ease of movement in the anterior chamber. Flat handle. Overall length: 80mm, 3.2 inches.

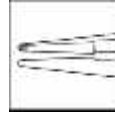
Forceps

Miscellaneous



MacGregor Conjunctiva Forceps
Z - 1635

Product Description:
Straight shafts with 5.5mm tying platform and 1mm crisscross serrated tips. Serrated handle.
Overall length: 108mm, 4.3 inches.

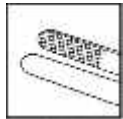


MacGregor Conjunctiva Forceps
Z - 1636

Product Description:
Straight shafts with 5.5mm tying platform and 1mm crisscross serrated tips. Wide serrated handle. Overall length: 110mm, 4.3 inches.

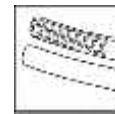
Forceps

Iris



Bracken Curved Iris Forceps
Z - 1316

Product Description:
Delicate cross serrated lightly curved tips with serrated handle.
Overall length: 98mm, 3.9 inches.

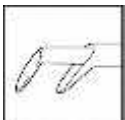


Gill Curved Iris Forceps
with Serrations
Z - 1375

Product Description:
Delicate curved shafts with light crisscross serrations. Serrated handle. Overall length: 72mm, 2.8 inches.

Forceps

Foreign Body



Rappazzo Intraocular Foreign Body Forceps
Z - 1861

Product Description:
Inner jaw space 2.0mm — 45 degree tip angulation. 20 gauge (.89mm) diameter shaft and stationary distal jaw. Lightweight squeeze handle. 2.0mm smooth jaws. Overall length: 163mm, 6.4 inches.

Forceps

Retinal



**20 Gauge 2mm Rounded
Jaw Forceps
ZT - 8103 TL**

Product Description:
20 gauge. 2mm tip.



**20 Gauge End Gripping Forceps
ZT - 8102 TL**

Product Description:
20 Gauge. 2mm jaws with a 0.6mm platform. These forceps are used to peel Epiretinal membrane and also ILM. Less mass at the tip of the instrument allows for easier visualization of tissue and a precise grasp of delicate membranes.



**20 Gauge Endgripping Forceps
ZT - 8112 T L**

Product Description:
20 gauge. These forceps are used to peel Epiretinal membrane and also ILM. This instrument provides a smaller delicate grasp of tissue and has less mass at the tip of the instrument which allows for easier visualization of tissue and a precise grasp of delicate membranes.



**20 Gauge ILM Membrane Forceps
ZT - 8111 T L**

Product Description:
20 Gauge. Specifically designed to remove delicate ILM and epiretinal membrane. A smaller jaw allows for better visualization of tissue. Excellent grasping ability of delicate tissue.



**20 Gauge Micro End Gripping
Forceps
ZT - 8104 TL**

Product Description:
Intraocular forceps with a 2mm pointed tip with .6mm platform. 20 gauge shaft tapers to 23 gauge. Used to peel Epiretinal membrane and also ILM. Less mass at the tip of the instrument allows for easier visualization of tissue and a precise grasp of delicate membranes.



**20 Gauge Micro Pick Forceps
ZT - 8101 TL**

Product Description:
20 Gauge. 0.4mm angled blades. 20 gauge shaft tapers to 23 gauge.



**20 Gauge Pic Forceps
ZT - 8100 TL**

Product Description:
20 Gauge. 0.6mm angled blades.



**20 Gauge Thomas Subretinal
Forceps
ZT - 8110 T L**

Product Description:
20 gauge. Uniquely angled to reach into a retinotomy to remove subretinal tissue growth or cystic growth under the retina. Delicate tips and longer angled platform allows for a more complete grasp of tissue.

Forceps

Retinal



23 Gauge Asymmetric Peeling Forceps
ZT - 8221TL

Product Description:

23 gauge. Used for ILM and Epiretinal Membrane Peel. For use on macular puckers and cellophane Maculopathy. The asymmetric jaw allows surgeon to see over the instrument to visualize retinal tissue.



23 Gauge ILM Forceps
ZT - 8210TL

Product Description:

23 gauge. Introcular ILM forceps. Specifically designed to remove delicate ILM and epiretinal membrane. A smaller jaw allows for better visualization of tissue. Excellent grasping ability of delicate tissue.



23 Gauge Endgripping Forceps
Z - 64924S

Product Description:

This endgripping forceps is designed for safety, consistency and convenience. It features an ultra-thin endgripping tip for enhanced visibility and grasp with a sleek, ergonomic handle. The balanced design provides optimal feel and control. 23 gauge.



23 Gauge Micro Forceps
ZT - 8209TL

Product Description:

Forceps feature fine angled rotatable tip. 23-gauge shaft. Provide the ability to grasp tissue. They are useful to manipulate and also to peel delicate Epiretinal membrane and ILM.



23 Gauge Endgripping Forceps
Z - 64923S

Product Description:

This endgripping forceps is designed for safety, consistency and convenience. It features an ultra-thin endgripping tip for enhanced visibility and grasp with a sleek, ergonomic handle. The balanced design provides optimal feel and control. 23 gauge.



23 Gauge Micro Pic Roughened Forceps
ZT - 8298TL

Product Description:

Forceps has .4mm TIPS 23-gauge shaft. Jaws are roughened. These forceps are used to peel Epiretinal membrane. The dual function of the instrument gives the ability to lift the membrane with the angled pic and then solidly grasp tissue with the platform.



23 Gauge Goodart ILM Forceps
ZT - 8213TL

Product Description:

This preretinal membrane-ILM forceps combines a membrane scraper, ILM forceps and block to more easily grasp membranes. It allows for complete removal with less tearing of the membrane. 23 gauge.



23GA Engripping Forceps
ZT - 8212TL

Product Description:

23 gauge. These forceps are used to peel Epiretinal membrane and also ILM. This instrument provides a smaller delicate grasp of tissue and has less mass at the tip of the instrument which allows for easier visualization of tissue and a precise grasp of delicate membranes.

Forceps

Retinal



23GA Straight Endgripping Forceps
ZT - 8211TL

Product Description:

23 gauge. Forceps that are used to peel Epiretinal membrane and also ILM. Less mass at the tip of the instrument allows for easier visualization of tissue and a precise grasp of delicate membranes.



25 Gauge Asymmetric Peeling Forceps
ZT - 8421TL

Product Description:

This forceps is used for ILM and Epiretinal Membrane Peel on macular puckers and cellophane maculopathy. The asymmetric jaw allows the surgeon to see over the instrument for optimal visualization retinal tissue.



25 Gauge Endgripping Forceps
ZT - 8412 T L

Product Description:

This endgripping forceps is designed for safety, consistency and convenience. It features an ultra-thin endgripping tip for enhanced visibility and grasp with a sleek, ergonomic handle. The balanced design provides optimal feel and control. 25 gauge.



25 Gauge Endgripping Forceps
Z - 64926S

Product Description:

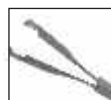
This endgripping forceps is designed for safety, consistency and convenience. It features an ultra-thin endgripping tip for enhanced visibility and grasp with a sleek, ergonomic handle. The balanced design provides optimal feel and control. 25 gauge.



25 Gauge Endgripping Forceps
Z - 64925S

Product Description:

This endgripping forceps is designed for safety, consistency and convenience. It features an ultra-thin endgripping tip for enhanced visibility and grasp with a sleek, ergonomic handle. The balanced design provides optimal feel and control. 25 gauge.



25 Gauge Goodart ILM Forceps
ZT - 8413TL

Product Description:

This preretinal membrane-ILM forceps combines a membrane scraper, ILM forceps and block to more easily grasp membranes. It allows for complete removal with less tearing of the membrane. 25 gauge.



25 Gauge ILM Forceps
ZT - 8410 T L

Product Description:

25 Gauge. Intracocular ILM forceps. Specifically designed to remove delicate ILM and epiretinal membrane. A smaller jaw allows for better visualization of tissue. Excellent grasping ability of delicate tissue.



25 Gauge Micro Forceps
ZT - 8409 T L

Product Description:

Forceps feature fine angled. 25-gauge shaft. Provide the ability to grasp tissue. They are useful to manipulate and also to peel delicate Epiretinal membrane and ILM.

Forceps

Retinal



**25 Gauge Micro Pic
Forceps Roughened**
ZT - 8408 T L ROUG

Product Description:

Forceps has .4mm tips. 25-gauge shaft. Jaws are roughened. These forceps are used to peel Epi-retinal membrane. The dual function of the instrument gives the ability to lift the membrane with the angled pic and then solidly grasp tissue with the platform.



**25 Gauge Straight Endgripping
Forceps**
ZT - 8411TL

Product Description:



Akduman Globe Fixation Forceps
Z - 1526

Product Description:

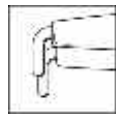
This instrument is used for globe stabilization for 23 gauge and 25 gauge trocar insertion. It is similar to the Z - 1697 Castroviejo Suturing Forceps, with one tooth on each tip and a stopper to prevent closure beyond 10mm. The forceps teeth exert little pressure to stabilize the globe securely and gently, avoiding damage to the conjunctiva. The stopper prevents from grasping at more than the limbus, minimizing risk of corneal abrasion. This instrument also allows unlimited space in the surrounding area for the fellow hand instruments and offers no restriction during concomitant manipulations.



Handle for Vitreoretinal Instruments
ZT - 8099 H

Product Description:

Retinal universal handles for all posterior and anterior instrument tips. Instrument tips can be rotated to any desired position. Squeeze handle is easily activated.



Lambert Sleeve Spreader
Z - 5276

Product Description:

Smooth 90 degree jaws with locking screw maintain proper stretch of sleeve for securing silicone bands. Overall length: 106mm, 4.2 inches.



Landers Vitrectomy Lens Forceps
Z - 1883

Product Description:

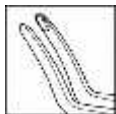
For use with the Landers Vitrectomy Lens Set . Shafts angled 45 degrees with curved grooved blades for holding the Landers vitrectomy lenses. Polished finish. Overall length: 103mm, 4.1 inches.



Plug Removal Forceps 25GA
Z - 8609

Product Description:

Forceps used to remove scleral plugs .



Scleral Plug Forceps
ZVS - 0946

Product Description:

Designed to securely hold scleral plugs during insertion and removal. The cross action handle is designed to reduce hand fatigue while grasping plug. Overall length: 104mm, 4.1 inches.



Watzke Sleeve Spreading Forceps
Z - 5278

Product Description:

Serrated 10mm tips angled 30 degrees. Serrated cross action handle with polished finish. Overall length: 144mm, 4.5 inches.

Forceps

Dressing



Bishop-Harmon Dressing Forceps
Z - 1406

Product Description:
Straight crisscross serrated tips. Flat handle with holes.
Overall length: 86mm, 3.4 inches.



Curved Dressing Forceps with Serrations
Z - 1308

Product Description:
Gently curved tips. Serrated handle. Tips: Delicate.
Overall length: 99mm, 3.9 inches.



Curved Dressing Forceps with Serrations
Z - 1308

Product Description:
Delicate strong curved serrated tips. Serrated handle.
Overall length: 97mm, 3.8 inches.



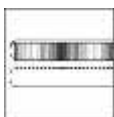
Curved Dressing Forceps with Serrations
Z - 1310

Product Description:
Gently curved tips. Serrated handle with polished finish. Tips: Heavy. Overall length: 98mm, 3.9 inches.



Eghbali Bandage Lens Forceps
Z - 2057

Product Description:
The broad circular tips of the forceps is ideal for placing and removing the bandage lens over the corneal surface following LASEK. The thin profile of the tip allows easy insertion under the edge of the lens for excellent control.



Featured Straight Dressing Forceps with Serrations
Z - 1300

Product Description:
Serrated handle. Straight tips: Delicate 11mm.
Overall length: 100mm, 3.9 inches.



Straight Dressing Forceps with Serrations
Z - 1304

Product Description:
Serrated handle. Straight tips: Heavy 12mm. Overall length: 103mm, 4.1 inches.

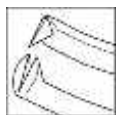


Straight Dressing Forceps with Serrations
Z - 6660

Product Description:
Serrated handle. Straight tips: Delicate 11mm. Overall length: 100mm, 3.9 inches.

Forceps

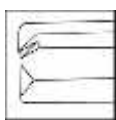
Tissue



**Bishop-Harmon Curved
Tissue Forceps
Z - 1400 C**

Product Description:

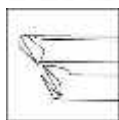
Curved shafts with fine 1 x 2 teeth. Flat handle with holes.
Overall length: 85mm, 3.3 inches.



**Bishop-Harmon Straight
Tissue Forceps
Z - 1400**

Product Description:

Straight shafts with 1 x 2 teeth. Flat handle with holes.
Overall length: 86mm, 3.4 inches. Fine teeth.



**Bishop-Harmon Straight
Tissue Forceps
Z - 1402**

Product Description:

Straight shafts with 1 x 2 teeth. Flat handle with holes.
Overall length: 86mm, 3.4 inches. Delicate teeth.



**Bishop-Harmon Straight
Tissue Forceps
ZT - 1106**

Product Description:

Straight shafts with 1 x 2 teeth.



**Machat Forceps
ZT - 1205**

Product Description:

Smooth tip forceps allow the surgeon to manipulate and smooth the corneal flap in LASIK procedures. Tip angled 10mm from tip. Overall length: 100mm.



**Sheppard Conjunctival Forceps
Z - 3107**

Product Description:

Cross-action forceps are designed to provide atraumatic grasping of the conjunctival tissue with a Pierse tip. Tips are angled 55 degrees with a 5.0mm tying platform and delicate serrations on the tip.



**Snyder 23ga Forceps
ZT - 1689STL**

Product Description:

This forceps tip is designed for intraocular grasping of delicate structures in the anterior chamber. The broad circular fenestrated platform surface of this forceps is ideal for grasping iris and other delicate intraocular structures. The instrument features a 23 gauge shaft for secure grasp and ease of manipulation through a small incision.



**Straight Tissue Forceps
Z - 1320**

Product Description:

Straight shafts with 1 x 2 teeth. Serrated handle with.
Overall length: 100mm, 3.9 inches. Delicate teeth.



**Straight Tissue Forceps
Z - 1322**

Product Description:

Straight shafts with 1 x 2 teeth. Serrated handle.
Overall length: 100mm, 3.9 inches. Heavy teeth.



**Straight Tissue Forceps -
Z - 6664**

Product Description:

Straight shafts with 1 x 2 teeth. Serrated handle.
Overall length: 100mm, 3.9 inches.

Forceps



Baird Chalazion Forceps
Z - 2540

Product Description:

Oval solid 15mm wide lower plate. Open upper plate with inside dimensions 11mm x 8mm. Serrated handle with locking thumb screw. Overall length: 97mm, 3.8 inches.



Francis Chalazion Forceps
Z - 2510

Product Description:

Oval solid 17mm wide lower plate. Open upper plate with inside dimensions 12mm x 14mm. Serrated handle with locking thumb screw. Overall length: 97mm, 3.8 inches.



Hunt Chalazion Forceps
Z - 2518

Product Description:

Round solid 15mm wide lower plate. Open upper plate with inside diameter 12mm. Serrated handle with locking thumb screw. Overall length: 97mm, 3.8 inches.



Lambert Chalazion Forceps - Small
Z - 2530

Product Description:

Round solid 10mm wide lower plate. Open upper plate with inside diameter 8mm. Serrated handle with locking thumb screw. Overall length: 92mm, 3.6 inches.

Chalazion



Demarres Chalazion Forceps - 24mm
Z - 2504

Product Description:

Oval solid 24mm wide lower plate. Open upper plate with inside dimensions 12mm x 20mm. Serrated handle with locking thumb screw. Overall length: 92mm, 3.6 inches.



Heath Chalazion Forceps
Z - 2514

Product Description:

Oval solid 16mm wide lower plate. Open upper plate with inside dimensions 12mm x 14mm. Serrated handle with locking thumb screw. Overall length: 96mm, 3.8 inches.



Lambert Chalazion Forceps - Large
Z - 2532

Product Description:

Round solid lower plate. Open upper plate with inside diameter 15mm. Serrated handle with locking thumb screw. Overall length: 97mm, 3.8 inches.



Wies Chalazion Forceps
Z - 2580

Product Description:

Solid lower plate with outside width 15mm. Open serrated upper plate with inside dimensions 9 x 12mm. Serrated handle with locking thumb screw. Overall length: 94mm, 3.7 inches.

Forceps

Muscle



Berens Muscle Clamp
Z - 2250

Product Description:

Angled 13.5mm adjustable blades. Teeth in lower jaw fit into holes in upper jaw. Grooves in lower jaw for passage of suture needles. Round knurled handle. Overall length: 89mm, 3.5 inches.



Jameson Muscle Forceps - Left
Z - 2230

Product Description:

Angled shafts with 12mm scaled jaws. 1mm teeth on one jaw fit into holes on the other jaw. Slide lock and serrated handle. Overall length: 100mm, 3.9 inches. Left.



Bishop Tendon Tucker
Z - 2204

Product Description:

Triangular shaped tips. Marked for 5mm and 10mm tucks. Round knurled handle. Overall length: 117mm, 4.6 inches.



Jameson Muscle Forceps - Right
Z - 2231

Product Description:

Angled shafts with 12mm scaled jaws. 1mm teeth on one jaw fit into holes on the other jaw. Slide lock and serrated handle. Overall length: 100mm, 3.9 inches. Right.



Jameson Muscle Forceps - Child Size - Left
Z - 2234

Product Description:

Angled shafts with 9mm scaled jaws. 1mm teeth on one jaw fit into holes on the other jaw. Slide lock and serrated handle. Overall length: 99mm, 3.9 inches. Left.



Troutman Superior Rectus Forceps
Z - 1586

Product Description:

0.12mm 1 x 2 teeth with 7mm platform. Flat serrated handle. Overall length: 85mm, 3.3 inches.



Jameson Muscle Forceps - Child Size - Right
Z - 2235

Product Description:

Angled shafts with 9mm scaled jaws. 1mm teeth on one jaw fit into holes on the other jaw. Slide lock and serrated handle. Overall length: 99mm, 3.9 inches. Right.



Berke Ptosis Forceps
Z - 2400

Product Description:

Multi-curved shafts with straight blades and longitudinal serrations. Slide lock and serrated handle. Blade length 20mm. Overall length: 98mm, 3.9 inches

Forceps

Muscle



Berke Ptosis Forceps
Z - 2404

Product Description:

Multi-curved shafts with straight blades and longitudinal serrations. Slide lock and serrated handle. Blade length: 27mm. Overall length: 104mm, 4.1 inch



Putterman Gladstone Transmarginal Clamp
Z - 2410

Product Description:

This instrument is designed to facilitate the transmarginal rotation procedure to treat eyelid cicatricial entropions. It stabilizes the eyelid and increases the accuracy of the placement of a skin-muscle incision externally and a tarsal-conjunctival incision internally, decreasing the chance of injury to the marginal artery. The clamp is also helpful in the Cutler Beard procedure in the treatment of upper eyelid defects after tumor removal, traumatic avulsions or colobomas. It is useful in the mid lower eyelid tarsoconjunctival flap-skin graft procedure in the treatment of cicatricial lower lid retraction.



**Putterman Muller's Muscle
Conjunctival Resection Ptosis Clamp**
Z - 2408

Product Description:

Designed for use during a Muller's muscle-conjunctival resection ptosis procedure. The clamp is used to incorporate conjunctiva and Muller's muscle between the superior tarsal border and the marking suture in order for suturing and resection to occur.



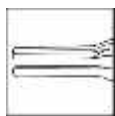
Uzcategui Eyelid Clamp
Z - 2412

Product Description:

This reverse action clamp with screw lock is designed ptosis repair by internal approach, both for Muller's Muscle Conjunctival Resection and Fasanella-Servat procedures. The smaller flared plate's height, slim profile and lower fixation teeth give a more precise grasp of the tissues to be resected. The midpoint of the eplate is clearly marked to help with clamp placement and centration of the eyelid at the point where the maximal eyelid elevation is desired.

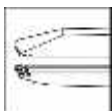
Forceps

Utility



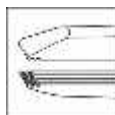
**Alabama University Utility Forceps
Z - 1818**

Product Description:
Straight shafts with fitted v-grooved 15mm platform. Serrated handle. Overall length: 92mm, 3.6 inches.



**Bonaccolto Utility Forceps
Z - 1804**

Product Description:
Straight shafts with 16mm long platform. Lengthwise serrated jaws with cross serrated tips. Serrated handle. Platform: 1.2mm wide. Overall length: 108mm, 4.3 inches.



**Bonaccolto Utility Forceps
Z - 1806**

Product Description:
Straight shafts with 16mm long platform. Lengthwise serrated jaws with cross serrated tips. Serrated handle. Platform: 1.7mm wide. Overall length: 109mm, 4.3 inches.



**Bonaccolto Utility Forceps
Z - 1808**

Product Description:
Straight shafts with 16mm long platform. Lengthwise serrated jaws with cross serrated tips. Serrated handle. Platform: 2.4mm wide. Overall length: 110mm, 4.3 inches.



**McCullough Utility Forceps
Z - 1812**

Product Description:
Straight shafts with 15mm long jaws. Serrated handle. Overall length: 93mm, 3.7 inches. Crisscross jaws.



**McCullough Utility Forceps - Smooth
Z - 1814**

Product Description:
Straight shafts with 15mm long jaws. Serrated handle. Overall length: 93mm, 3.7 inches. Smooth jaws.



**Nugent Utility Forceps
Z - 1792**

Product Description:
Shafts angled 45 degrees with 10mm jaws. Serrated handle. Overall length: 107mm, 4.2 inches. Crisscross serrated jaws.



**Nugent Utility Forceps - Smooth
Z - 1790**

Product Description:
Shafts angled 45 degrees with 10mm jaws. Serrated handle. Overall length: 107mm, 4.2 inches. Smooth jaws.



**Wills Hospital Utility Forceps
Z - 1800**

Product Description:
Straight shafts with 13mm crisscross serrated platform. Overall length: 109mm, 4.3 inches. Serrated handle.

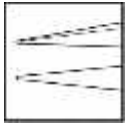


**Wills Hospital Utility Forceps - Wide
Z - 1801**

Product Description:
Straight shafts with 13mm crisscross serrated platform. Overall length: 109mm, 4.3 inches. Wide serrated handle.

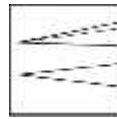
Forceps

Jeweler



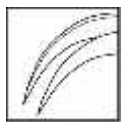
Hirschman Jeweler Type Forceps
Z - 1847 5H

Product Description:
Straight, narrowed shafts with extra fine blunted tips. Smooth handle. Overall length: 110mm, 4.3 inches.



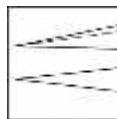
Jeweler Type Forceps
Z - 1847 1

Product Description:
Straight shafts with pointed tips. Smooth handle. Fine pointed tips. Overall length: 120mm, 4.7 inches.



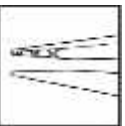
Jeweler Type Forceps
Z - 1847 7

Product Description:
Curved shafts with fine pointed tips. Smooth handle. Overall length: 110mm, 4.3 inches.



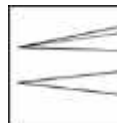
Jeweler Type Forceps
Z - 1847 3

Product Description:
Straight shafts with pointed tips. Smooth handle. Extra fine pointed tips. Overall length: 120mm, 4.7 inches.



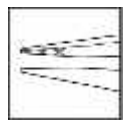
Jeweler Type Forceps
Z - 1845

Product Description:
Straight shafts with 3mm crisscross serrated platform. Overall length: 109mm, 4.3 inches. Serrated handle.



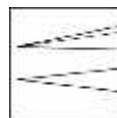
Jeweler Type Forceps
Z - 1847 3C

Product Description:
Straight shafts with pointed tips. Smooth handle. Extra fine pointed tips. Overall length: 110mm, 4.3 inches.



Jeweler Type Forceps
Z - 1846

Product Description:
Straight shafts with 3mm crisscross serrated platform. Overall length: 109mm, 4.3 inches. Wide serrated handle.

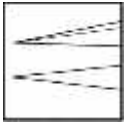


Jeweler Type Forceps
Z - 1847 4

Product Description:
Straight, narrowed shafts with extra fine pointed tips. Smooth handle. Overall length: 110mm, 4.3 inches.

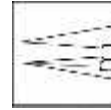
Forceps

Jeweler



Jeweler Type Forceps
Z - 1847 5

Product Description:



Jeweler Type Forceps With Tying Platform
Z - 1847 T3C

Product Description:

Straight shafts with pointed tips and 6mm tying platform. Smooth handle. Extra fine pointed tips. Overall length: 110mm, 4.3 inches.



Jeweler Type Forceps With Tying Platform
Z - 1847 T1

Product Description:

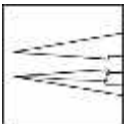
Straight shafts with pointed tips and 6mm tying platform. Smooth handle. Fine pointed tips. Overall length: 120mm, 4.7 inches.



Jeweler Type Forceps With Tying Platform
Z - 1847 T4

Product Description:

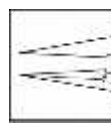
Straight, narrowed shafts with extra fine pointed tips and 6mm tying platform. Smooth handle. Overall length: 110mm, 4.3 inches.



Jeweler Type Forceps With Tying Platform
Z - 1847 T3

Product Description:

Straight shafts with pointed tips and 6mm tying platform. Smooth handle. Extra fine pointed tips. Overall length: 120mm, 4.7 inches.



Jeweler Type Forceps With Tying Platform
Z - 1847 T5

Product Description:

Straight, narrowed shafts with extra fine pointed tips and 6mm tying platform. Smooth handle. Overall length: 110mm, 4.3 inches.

Forceps

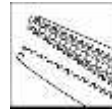
Capsule



Castroviejo Curved Capsule Forceps
Z - 1928

Product Description:

2.5mm cups angled 50 degrees, 10mm from angle to tip. Serrated cross action handle. Overall length: 104mm, 4.1 inches.



Kansas Nuclear Fragment Forceps
Z - 1930

Product Description:

Two rows of teeth on jaws provide a firm purchase on the nucleus fragment for removal. Flat handle. Overall length: 110mm, 4.3 inches.



Gills-Welsh Capsule Forceps, Colibri Style
Z - 3099 GW

Product Description:

Smooth Colibri tip used to grasp and subsequently retract the capsule during nucleus delivery. Serrated handle. Overall length: 73mm, 2.9 inches.



Osher Capsule-Foreign Body Forceps
Z - 1977

Product Description:

Fine 3.0mm Platform angled 60 degrees 10mm from angle to tip. Serrated handle. Overall length: 80mm, 3.1 inches.

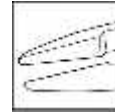
Forceps

Cilia



ZABBY'S Cilia Forceps - Narrow
Z - 2060

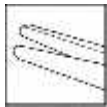
Product Description:



Barraquer Cilia Forceps
Z - 2062

Product Description:

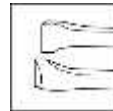
Also referred to as McLean-Putney suture forceps. Slightly curved 6mm long platform. Serrated handle. Overall length: 109mm, 4.3 inches.



Beupre Cilia Forceps
Z - 2076

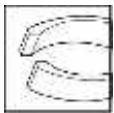
Product Description:

1mm smooth 45 degree angled jaws. Cross action serrated handle. Overall length: 117mm, 4.6 inches.



ZABBY'S Cilia Forceps - Wide
Z - 2056

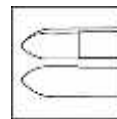
Product Description:



Gradle Cilia Forceps
Z - 2070

Product Description:

Fine 2mm wide platform. Cross action serrated handle. Overall length: 97mm, 3.8 inches.



Ziegler Cilia Forceps
Z - 2064

Product Description:

Slender 4.5mm long rounded platform. Serrated handle. Overall length: 91mm, 3.6 inches.

Forceps

Mosquito



**Halstead Curved Hemostatic
Mosquito Forceps**
Z - 3822

Product Description:
Curved 21mm serrated jaws. Ring handle with ratchet lock.
Overall length: 120mm, 4.7 inches.



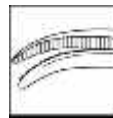
**Halstead Straight Hemostatic
Mosquito Forceps**
Z - 6672

Product Description:
Straight 21mm serrated jaws. Ring handle with ratchet lock.
Overall length: 122mm, 4.8 inches.



**Halstead Curved Hemostatic
Mosquito Forceps**
Z - 6673

Product Description:
Curved 21mm serrated jaws. Ring handle with ratchet lock.
Overall length: 120mm, 4.7 inches.



**Hartman Curved Hemostatic
Mosquito Forceps**
Z - 3816

Product Description:
Curved 20mm serrated jaws. Ring handle with ratchet lock.
Overall length: 99mm, 3.9 inches.



**Halstead Straight Hemostatic
Mosquito Forceps**
Z - 3820

Product Description:
Straight 22mm serrated jaws. Ring handle with ratchet lock.
Overall length: 125mm, 4.9 inches.

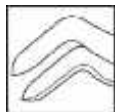


**Hartman Straight Hemostatic
Mosquito Forceps**
Z - 3815

Product Description:
Straight 20mm serrated jaws. Ring handle with ratchet lock.
Overall length: 99mm, 3.9 inches.

Forceps

Bipolar



Bipolar Coaptation Forceps
Z - 1950 9

Product Description:
Curved shafts with 3.5mm angled platform. Wide serrated handle. Overall length: 117mm, 4.6 inches.



McPherson Straight Bipolar Forceps
Z - 1950 10S

Product Description:
Straight shafts with 4mm jaws. Serrated handle. Jaws straight. Overall length: 94mm, 3.7 inches.



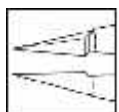
Jeweler Type Bipolar Forceps
Z - 1950 1

Product Description:
Straight shafts with micro tips. Smooth handle. Overall length: 119mm, 4.7 inches.



Osher Bipolar Coaptation Forceps
Z - 1950 15

Product Description:
Curved shaft with 2mm angled platform. Wide serrated handle. Overall length: 116mm, 4.6 inches.



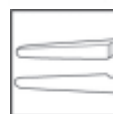
Jeweler Type Bipolar Insulated Forceps
Z - 1950 1D

Product Description:
Straight shafts with micro tips. Insulated smooth handle. Overall length: 119mm, 4.7 inches.



Shepard Bipolar Forceps Angled
Z - 1950 14A

Product Description:
Straight shafts with 4mm platform. Wide serrated handle. Platform angled 45 degrees. Overall length: 115mm, 4.5 inches.



Shepard Bipolar Forceps Straight
Z - 1950 14S

Product Description:
Straight shafts with 4mm platform. Wide serrated handle. Platform straight. Overall length: 118mm, 4.6 inches.



McPherson Angled Bipolar Forceps
Z - 1950 10A

Product Description:
Straight shafts with 4mm jaws. Serrated handle. Jaws angled 45 degrees. Overall length: 91mm, 3.6 inches.



Tenzel Bipolar Forceps
Z - 1950 12

Product Description:
Straight shafts with fine tips. Insulated stop with tip gap set at 0.3mm. Smooth handle. Overall length: 119mm, 4.7 inches.

Phaco Manipulators



Akahoshi Prechop Forceps - Angled
ZT - 1953

Product Description:

Smooth pointed tips open to 3.0mm. 45 degree Cross Action Angled shafts. Tip to Angle Length: 12.0mm. Round Handle. Length: 115.0mm.



Akahoshi Prechop Forceps - Curved
ZT - 1952

Product Description:

Smooth pointed tips open to 3.0mm. Cross Action Curved Shafts. Tip to Angle Length: 12.0mm. Round Handle. Length: 115.0mm.



Akahoshi Prechop Forceps - Straight
ZT - 1951

Product Description:

Smooth pointed tips open to 3.0mm. Straight Shafts. Cross Action. Round Handle. Length: 119.0mm.



Forceps Prechop Kavanagh 1.5mm
Z - 4826 1.5 MM

Product Description:

The Kavanagh Pre-Chopper features a broadened platform tip to effectively insert into the lens nucleus and securely split the lens into the desired segments. Micro-incision tubular instrument shaft configuration allows insertion through small wounds. The instrument incorporates a round squeeze action handle which allows for ease of hand placement and rotation of the instrument for passage through the cataract wound. The Kavanagh Pre-Chopper may also be used as a nucleus cracker.



Salvitti Akahoshi Prechop Forceps
ZT - 1956A

Product Description:

Fine micro jaws are ideal for insertion into the cataract for the pre-chopping technique. The cross action handle of this instrument allows for maximum tip spread with minimal wound distortion.



Singh Akahoshi Prechop Forceps with Paddle Tip
ZT - 1957

Product Description:

This instrument is used for the divide and conquer or prechop technique to split the nucleus prior to segment removal during cataract surgery. The versatile cross action tip can be used in a multitude of incision sizes, including sub-2.0mm MICRO procedures. The large, roughened surface area of the paddle shaped tip grips a greater surface area of the nucleus to facilitate chopping.

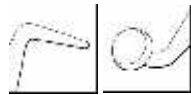
Phaco Manipulators



A. W. Brown Nucleus Cracker
Z - 2-700

Product Description:

A reverse action instrument with paddle tips to provide a solid surface to crack the nucleus. When used in a scleral tunnel, the reverse action mechanism allows increased flexibility in positioning the instrument tips. Overall length: 98mm, 3.9 inches.



Anderson-Barrett Manipulator
ZT - 1004

Product Description:

Designed for use in conjunction with the Anderson diamond knife. This manipulator has tapered shafts to help reduce side port leakage. The double-ended instrument has a nucleus chopper at one end combined with a mini Barrett mushroom tip on the opposite end for manipulation of iris, capsule, lens fragments and intraocular lenses.



Barrett Phaco Axe Left Hand
ZT - 0495

Product Description:

Instrument is used in conjunction with phaco tip to create a crack in the lens nucleus.



Barrett Phaco Axe Right Hand
ZT - 0494

Product Description:

Instrument is used in conjunction with phaco tip to create a crack in the lens nucleus.

Choppers - Lens



Braga-Mele Quick-Chopper
Z - 0656

Product Description:

The slender tip of this instrument provides excellent penetration into the lens. The tip has been blunted to reduce the chance of posterior capsule interference. The instrument is easily rotated under the lens to support and raise quadrants into the tip of the phaco handpiece. The interior of the tip is sharp and is ideal for moderate to dense nuclei.



Braga-Mele Spatula Chopper
Z - 0654

Product Description:

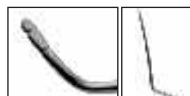
Broad, flattened, curved tip is ideal for use during the lens removal technique of the hydrochop procedure. Excellent as the second instrument providing enhanced control while manipulating the lens fragments to the tip of the phaco handpiece. Flat tip extends into the hydrochop groove and can be used to elevate the lens as well. Rounded tip is gentle to the posterior capsule



Chou Chopper
Z - 0633

Product Description:

This universal phaco chopper offers two chopping tips that feature cutting on the advancing surface of the tip or on the inside of the chopping tip.



Devgan Universal Cataract Chopper/ Multi-Tool
ZT - 0603

Product Description:

A truly universal cataract management tool, allowing multiple functions in one simple and efficient double-ended instrument. Features versatile chopping tip that provides excellent control of the nucleus with all chopping techniques: vertical chop, horizontal chop, tilt-chop, & others. The chopping tip is gently curved and smooth, making it ideal for protecting the posterior capsule from the phaco probe during nucleus removal. The chopping tip features grooves to engage the optic or haptics for IOL manipulation and for iris push-pull in small pupil cases. The curved tip is also used to lift corneal incision to ease placement of instruments and stabilize the eye providing counter-traction via the paracentesis during IOL implantation, particularly in small incisions. A traditional spatula is provided for intra-ocular manipulation of iris, lens fragments, or if need be, vitreous.

Phaco Manipulators



Jewelewicz Rosen Chopper
ZT - 0636

Product Description:

This instrument provides a safe and effective second instrument during chopping or divide-and-conquer phacoemulsification techniques. It offers ease of manipulation or rotation a half or quarter thanks to the elongated vertical surface. The surface facing the lens is beveled to a cutting edge to aid horizontal chopping. The chopper creates a safe environment for lens rotation with its rounded blunt surfaces on the posterior and inferior aspects of the instrument. 1.4mm tip.



Kavanagh Nucleus Sustainer/Chopper
Z - 0521

Product Description:

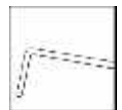
Useful in stabilizing the cataract nucleus while using the Z - 4826 1.5 MM Kavanagh Prechop Forceps for dense (4+) nuclear sclerotic cataract or in the presence of weak zonules. The slim angle of the sustainer also makes it ideal for horizontal chopping of the nucleus and the rounded tip offers capsule protection during emulsification of nuclear pieces.



Koch Stop and Chop Manipulator
ZT - 1116

Product Description:

Angled shaft with 1.5mm tip designed to efficiently perform the "Stop and Chop" technique.

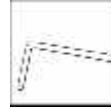


Koch Stop and Chop Manipulator
Z - 0613

Product Description:

Angled shaft with 1.5mm tip designed to efficiently perform the "Stop and Chop" technique. Round knurled handle. Overall length: 112mm, 4.4 inches.

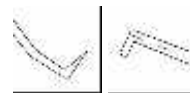
Choppers - Lens



Koch Stop and Chop Manipulator
ZT - 0613

Product Description:

Angled shaft with 1.5mm tip designed to efficiently perform the "Stop and Chop" technique. Round knurled handle. Overall length: 112mm, 4.4 inches.



Maloney Quick-Chop Chopper
ZT - 1003

Product Description:

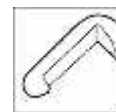
This double-ended manipulator was designed to facilitate supracapsular and endocapsular procedures. The manipulator is used in conjunction with the phaco tip to separate the nucleus in a "Quik-Chop" technique developed by Dr. William Maloney.



Micro-Chop Lens Manipulator
Z - 0647

Product Description:

Ideal for chopping as well as for use during divide-and-conquer procedures where lens control is critical. The 90 degree curve and ball tip helps protect the capsule during phaco procedures



Nagahara Nucleus Chopper - Left
ZT - 0478 L

Product Description:

Nucleus divider with 1.75mm tip and blade offset at a 60 degree angle is ideal for performing the "Phaco Chop" technique. Round knurled handle. Overall length: 114mm, 4.5 inches. Left.

Phaco Manipulators

Choppers - Lens



Nagahara Nucleus Chopper - Left
Z - 0478 L

Product Description:

Nucleus divider with 1.75mm tip and blade offset at a 60 degree angle is ideal for performing the "Phaco Chop" technique to be used in left hand. Round knurled handle. Overall length: 114mm, 4.5 inches.



Nagahara Nucleus Chopper - Right
Z - 0478 R

Product Description:

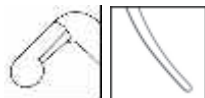
Nucleus divider with 1.75mm tip and blade offset at a 60 degree angle is ideal for performing the "Phaco Chop" technique to be used in right hand. Round knurled handle. Overall length: 114mm, 4.5 inches.



Nagahara Nucleus Chopper - Right
ZT - 0478 R

Product Description:

Nucleus divider with 1.75mm tip and blade offset at a 60 degree angle is ideal for performing the "Phaco Chop" technique. Round knurled handle. Overall length: 114mm, 4.5 inches. Right.



Nichamin Double Ended Nucleus Chopper-Spatula
Z - 0470 N

Product Description:

Wedge-shaped chopper designed to allow nucleus chopping in three directions, tip length 1.25mm. Rounded tip highly polished to protect the posterior capsule. 0.5mm spatula end is used to manipulate softer nuclei. Round knurled handle. Overall length: 140mm, 5.5 inches.



Nichamin Nucleus Divider
Z - 0626

Product Description:

Blunt, chisel tip nucleus divider with oval shaft to assist in sealing paracentesis wound. Angled 50 degrees from shaft.



Osher Lens Manipulator and Chopper
Z - 0617 L

Product Description:

Ideal for cracking, manipulating or chopping the nucleus during phacoemulsification. Gently curved shaft enables the tip to be placed through the paracentesis while aligning the two prongs of the chopper with the desired chopping plane



Seibel Ambidextrous Chopper
Z - 0490

Product Description:

Olive tip on instrument provides safety for the posterior capsule. Oval shaft behind tip provides efficient chopping of the lens nucleus.



Silverstein Phaco Manipulator & Quick Chop
Z - 0541

Product Description:

This universal slimmed profile crystalline lens manipulator benefits from a chopper on one end, and a spatulated paddle on the opposite end, in order to accommodate any phaco technique, or density of lens material.

Phaco Manipulators



**Sweeney Manipulator Cracker
Z - 0484**

Product Description:

Angled for easy insertion into side port incision for manipulation of nucleus. Flat, paddle like tip for placement in groove to crack the nucleus for emulsification.



**Sweeney Manipulator Cracker
ZT - 0484**

Product Description:

Angled for easy insertion into side port incision for manipulation of nucleus. Flat, paddle like tip for placement in groove to crack the nucleus for emulsification.

Choppers - Lens



**Wallace Double Ended Guardian/
Quick Chopper
ZT - 0635**

Product Description:

This instrument combines the Wallace Guardian Chopper with a quick chopper tip for versatility. The guardian chopper has a gently angled blunt chopping tip designed for effective chopping while protecting the posterior capsule. Angled shaft for ease of manipulation. The quick chopper tip is angled to facilitate excellent manipulation and lens chopping.



**Wallace Guardian Chopper
ZT - 0634**

Product Description:

Gently angled blunt chopping tip designed for effective chopping while protecting the posterior capsule. Angled shaft for ease of manipulation.

Phaco Manipulators



**Nagahara 19ga Chopper Side Out
ZVS - 995 19**

Product Description:

Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



**Nagahara 20ga Chopper Side Out
ZVS - 995 20**

Product Description:

Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 20 gauge with angled chopping tip.

Lens Irrigating



**Weinstock Irrigating Chopper
ZVS - 981 19**

Product Description:

Gently curved tip with blunted end is excellent for use as a universal chopper during bimanual phaco. The length of the tip has been optimized for easy insertion and its design facilitates control during chopping, cracking, and general nuclear manipulation reducing risk to posterior capsule integrity.

Phaco Manipulators

Lens Irrigating



**Bimanual Handpiece 20GA Irrigating
ZVS - 982 20**

Product Description:
Bimanual irrigating handpiece for I/A. Lightweight



**Chopper Braga-Mele 19GA
ZVS - 986**

Product Description:
Irrigating chopper is designed for use with small incision Phaco. Fits on irrigation connector. Chopper has a blunt tip and an offset blade that will help chop the nucleus



**Braga-Mele 19ga End Out Chopper II
ZVS - 994 19**

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



**Chopper Braga-Mele II 19Ga
ZVS - 987**

Product Description:
Irrigating chopper is designed for use with small incision Phaco. Fits on irrigation connector. Chopper has an offset blade that will help chop the nucleus.



**Braga-Mele 19ga Side Out Chopper
ZVS - 993 19**

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



**Fine Olson 19ga Chopper End Out
ZVS - 1900 19**

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



**Braga-Mele 20ga Side Out Chopper
ZVS - 993 20**

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 20 gauge with angled chopping tip.



**Fine Olson 19ga Chopper Side Out
ZVS - 999 19**

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.

Phaco Manipulators

Lens Irrigating



Fine Olson 20ga Chopper End Out
ZVS - 1900 20

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 20 gauge with angled chopping tip.



Hoffman Tsuneoku 19ga Chopper End Out
ZVS - 998 19

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



Heng 19ga Angled Aspiration
ZVS - 1902 19

Product Description:
Bimanual 19 gauge aspirating tip for I/A.



Hoffman Tsuneoku 19ga Chopper Side Out
ZVS - 997 19

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.



Heng 19ga Straight Aspiration
ZVS - 1901 19

Product Description:
Bimanual 19 gauge aspirating tip for I/A.



Hoffman Tsuneoku 20ga Chopper Side Out
ZVS - 997 20

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 20 gauge with angled chopping tip.



Heng 20/23ga Angled Aspiration
ZVS - 1902 20

Product Description:
Bimanual 23 gauge aspirating tip for I/A.



Nagahara 19ga Chopper End Out
ZVS - 996 19

Product Description:
Bimanual irrigating chopping instrument used for Microincision Cataract Surgery. 19 gauge with angled chopping tip.

Phaco Manipulators



Barrett Micro Mushroom Manipulator
Z - 4833

Product Description:
Ideal for nucleus manipulation during phacoemulsification. Also used for manipulating and rotating IOLs within the anterior chamber. Round knurled handle. Overall length: 118mm, 4.6 inches.



Bechert Nucleus Rotator
Z - 4837

Product Description:
Y shape rotator tip. Shaft angled 7mm from tip to bend. Round knurled handle. Overall length: 124mm, 4.9 inches.



Bechert Nucleus Rotator
ZT - 1114

Product Description:
Y shape rotator tip. Shaft angled 7mm from tip to bend.



Bechert Rotator
ZT - 4837

Product Description:
Y shape rotator tip. Shaft angled 7mm from tip to bend. Round knurled handle with polished finish. Overall length: 124mm, 4.9 inches.



Carlson DSEK Smoother
Z - 1940

Product Description:
The ball shaped tip of this instrument is designed to press on the corneal surface after the graft is implanted to remove fluid between the recipient bed and the DSEK graft.



Chou Stuffer Manipulator
Z - 0623

Product Description:
Ideal for cortical clean up, the blunted spatula type tip of the instrument is excellent for freeing cortical material from the periphery of the capsule and in combination with the I/A tip to guide the cortex into the port.



Cindy Sweeper for DSEK
Z - 3025

Product Description:
Designed for a smooth glide across corneal surface to smooth out interface between stromal surface and the DSEK graft.



Drysdale Nucleus Manipulator
Z - 0529

Product Description:
Flattened paddle tip with generous surface area is ideal for manipulating tissue, rotating, and cracking the nucleus. Round knurled handle. Overall length: 110mm, 4.3 inches.

Phaco Manipulators



Drysdale Nucleus Manipulator
ZT - 1108

Product Description:
Flattened paddle tip with generous surface area is ideal for manipulating tissue, rotating, and cracking the nucleus.



Grayson Combo Manipulator
ZT - 0632

Product Description:
Combo manipulator includes the popular Grayson instrument ZT - 0625 with a Kuglen hook on the other end.



Grayson Nucleus Manipulator
Z - 0625

Product Description:
Flattened paddle tip with smooth, defined internal edge is ideal for manipulating tissue, rotation and cracking the nucleus. Overall length 110mm, 4.3 inches.



Kellan Nucleus Rotator
Z - 4839

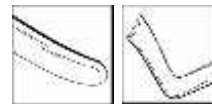
Product Description:
This broad tip nucleus manipulator is ideal for manipulating the lens into the anterior chamber for nucleus removal.

Manipulators & Rotators



Kemlan Nucleus Rotator
Z4838

Product Description:
Tip is placed in the side port incision and into the groove. When squeeze handle is activated tip rotates nucleus.



Kritzinger-Updegraff LASIK Manipulator/Elevator
Z8971

Product Description:
This double ended instrument was designed to lift and reposition a previous corneal flap up to one year postoperatively. The curved chisel end is designed to enable the surgeon to lift the edge and then cleanly cut through the epithelium. The elevator is used to smooth and reposition the flap after the laser surgery is complete. Overall length: 34mm.



Lester Lens Manipulator
ZT - 0471

Product Description:
Straight shaft with 0.2mm hour glass shape tip. Round knurled handle with dull finish. Overall length: 115mm, 4.5 inches.



Lester Lens Manipulator
ZT - 1113

Product Description:
Straight shaft with 0.2mm hourglass shape tip.

Phaco Manipulators



Lester Lens Manipulator Angled
ZT - 0471 A

Product Description:
Angled shaft with 0.2mm hourglass shape tip. Round knurled handle.



Lindstrom Lens Positioner
Z - 0429

Product Description:
This versatile instrument features a semi-sharp tip, allowing the surgeon to position an intraocular lens by engaging optic material.



Lindstrom Nucleus Rotator
ZT - 1002

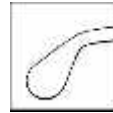
Product Description:
This star-shaped rotator is used for nucleus rotation, dialing silicone lens haptics, and pushing PMMA haptics into the bag.



Mackool-Bechert Nucleus Rotator
Z - 4837 M

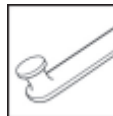
Product Description:
The popular Bechert Nucleus Rotator has been modified to have the shaft angled 10mm from tip to bend for ease of manipulation of the lens nucleus in the anterior chamber. Round knurled handle. Overall length: 125mm, 5.0 inches.

Manipulators & Rotators



Minami "M" Hook
Z - 0476 M

Product Description:
This teardrop-shaped tip with multi-angled shaft is ideal for the "Miracle Multiple-Cut" technique and is used for dividing and manipulating nucleus material from all directions in the capsule. Round knurled handle. Overall length: 117mm, 4.6 inches



O'Gawa Mini Lens Dialer
Z - 0469 MNI

Product Description:
Nucleus manipulator facilitates lens rotation during phacoemulsification. Overall length: 120mm, 4.7 inches.



Osher Nucleus Manipulator - Straight
Z - 0506

Product Description:
Smaller than the Kuglen hook, this manipulator serves as an all purpose instrument. Blunt finger-like 0.5mm two-prong tip. Round knurled handle allows ease of rotation for excellent instrument control. It may also be utilized when ushering the IOL out of the eye during explant procedures.

Scissors



**Rappazzo Intraocular
Foreign Body Scissors**
Z - 1861 A

Product Description:

Sharp pointed tips with guillotine action. 20 gauge (0.89mm) diameter shaft. Inner jaw space 1mm. Lightweight barrel style squeeze handle with dull finish. Overall length: 163mm, 6.4 inches.



Snyder AC Scissors Curved Tip
ZT - 8206CTL

Product Description:

These scissors offer excellent control through a small incision and can be used for cutting fine structures including capsule, iris, adhesions and sutures in the anterior chamber. Fine tapered and gently curved blades provide precise cutting and can be rotated left or right for enhanced control in the eye. The 23 gauge shaft diameter is ideal for entry through a small stab incision or a phaco wound.

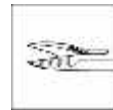
Foreign Body



Snyder AC Scissors Straight Tip
ZT - 8206STL

Product Description:

These scissors offer excellent control through a small incision and can be used for cutting fine structures including capsule, iris, adhesions and sutures in the anterior chamber. Fine tapered blades provide precise cutting while maximizing visibility in the eye. The 23 gauge shaft diameter is ideal for entry through a small stab incision or a phaco wound.



ZABBY'S Intraocular Scissors
Z - 3291

Product Description:

Delicate serrated straight 3mm blades with pointed tips. 2mm diameter tubular shaft, 33mm long. Serrated squeeze handle with polished finish. Supplied with tip guard. Overall length: 146mm, 5.7 inches.

Scissors



**Clayman - Westcott Curved
Scissors**
Z - 3143

Product Description:

Blunt tips. 11mm from mid-screw to tip. Smooth handle. Overall length: 107mm, 4.2 inches.



**ZABBY'S Westcott Conjunctival
Scissors**
Z - 3216

Product Description:

Lightly curved blunt tips. 16mm from mid-screw to tip. Wide serrated handle. Overall length: 132mm, 5.1 inches.

Miscellaneous



**Troutman Curved Conjunctival
Scissors**
Z - 3215

Product Description:

Blunt tips. 11mm from mid-screw to tip. Smooth handle. Overall length: 107mm, 4.2 inches.

Scissors

Corneal



**Aebli Straight Corneal Scissors - 92mm
Z - 3390**

Product Description:
Universal standard pattern. Straight blades with blunt tips. 19mm from mid-screw to tip. Ring handle. Overall length: 92mm, 3.6 inches.



**Castroviejo Curved Corneal Scissors - Left
Z - 3118 L**

Product Description:
Miniature model with blunt tips. 11mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Left.



**Castroviejo Angled Corneal Scissors
Z - 3123**

Product Description:
Universal miniature model with blunt blades. 19mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches.



**Castroviejo Curved Corneal Scissors - Right
Z - 3118 R**

Product Description:
Miniature model with blunt tips. 11mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Right.



**Castroviejo Corneal Scissors
Z - 3122 R**

Product Description:
Right orientation with blunt angled blades. 16mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches.



**Castroviejo Keratoplasty Scissors
Z - 3121**

Product Description:
Universal with blunt angled blades. Lower blade 1mm longer than upper blade. 16mm from mid-screw to tip. Flat serrated handle. Overall length: 110mm, 4.3 inches.



**Castroviejo Curved Corneal Scissors
Z - 3120**

Product Description:
Universal medium model with blunt tips. 16mm from mid-screw to tip. Flat serrated handle. Overall length: 115mm, 4.5 inches.



**Castroviejo Mini Corneal Scissors
Z - 3118 MM**

Product Description:
Universal miniature model with blunt tips. 11mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches.



**Cindy Scissor
Z - 3118**

Product Description:
Fine bladed scissors complete corneal tissue cuts during DLEK procedures.

Scissors

Corneal



Cindy Scissor II
Z - 3020

Product Description:
Sharply angled scissors complete corneal tissue cuts during DLEK procedures.



Fogla Scissors Left
Z - 3117 L

Product Description:
These scissors are used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade of the scissors is thinner and 1mm longer than the upper blade which displaces Descemet's membrane, protecting it from being damaged by the blades.



Fogla Scissors Right
Z - 3117 R

Product Description:
This scissor is used to remove the residual corneal stroma separated from the Descemet's membrane in DALK surgery. The lower blade is thinner and 1mm longer than the upper blade which pushes Descemet's membrane away, protecting it from being damaged by the blades. Overall length: 3.7in, 94mm.



Z - 3132 (right)

**Katzin Curved Corneal
Transplant Scissors - Both**
Z - 3132



Z - 3133 (left)

Product Description:
Matched set consists of one Z - 3132 left and one Z - 3133 right Katzin Curved Corneal Scissors. Refer to Z - 3132 & Z - 3133 for details.



**Katzin Curved Corneal Transplant
Scissors - Left**
Z - 3132

Product Description:
Miniature model with strongly curved blunt blades of uneven lengths. Lower blade 12mm, upper blade 11mm (from mid-screw to tip). Flat serrated handle. Overall length: 108mm, 4.2 inches. Left.



**Katzin Curved Corneal Transplant
Scissors - Right**
Z - 3133

Product Description:
Miniature model with strongly curved blunt blades of uneven lengths. Lower blade 12mm, upper blade 11mm (from mid-screw to tip). Flat serrated handle. Overall length: 108mm, 4.2 inches. Right.



McGuire Corneal Scissors
Z - 3406

Product Description:
Right orientation. Angled and curved blades. 21mm from mid-screw to tip. Ring handle. Overall length: 104mm, 4.1 inches.



Osher Universal Corneal Scissors
Z - 3119

Product Description:
Thin curved blades provide precise 6.5mm beveled incision opening with a single snip. Blunt tips with gentle curve. 21mm from mid-screw to tip. Flat serrated handle. Overall length: 119mm, 4.7 inches.



ZABBY'S Miniature Corneal Scissors
Z - 3131 L

Product Description:
Delicate corneal scissors for use during corneal transplants to complete the corneal trephination. 9mm blades with lower blade extended 0.5mm. Overall length: 100mm, 3.9 inches. Left.

Scissors



**Aebli Corneal Section Scissors - Left
Z - 3190**

Product Description:
Angled blades with blunt tips. 18mm from mid-screw to tip. Flat serrated handle. Overall length: 120mm, 4.7 inches. Left.



**Aebli Corneal Section Scissors - Right
Z - 3189**

Product Description:
Angled blades with blunt tips. 18mm from mid-screw to tip. Flat serrated handle. Overall length: 120mm, 4.7 inches. Right.



**Becker Spatulated Corneal
Section Scissors - Left
Z - 3170 L**

Product Description:
Spatula blade in anterior chamber is horizontal and is designed to reduce the chance of injury to iris or cornea. Vertical cutting blade is peripherally placed to reduce size of corneal shelf. 13mm from mid-screw to tip. Round knurled handle. Overall length: 107mm, 4.2 inches. Left.



**Becker Spatulated Corneal Section
Scissors - Right
Z - 3170 R**

Product Description:
Spatula blade in anterior chamber is horizontal and is designed to reduce the chance of injury to iris or cornea. Vertical cutting blade is peripherally placed to reduce size of corneal shelf. 13mm from mid-screw to tip. Round knurled handle. Overall length: 107mm, 4.2 inches. Right.

Corneal Section



**Castroviejo Corneal Section Scissors
Z - 3200**

Product Description:
Angulated blade to facilitate manipulation and curved to conform to the curve of the limbus. Lower blade is 1mm longer than upper blade. Lower blade is rounded in the fashion of a spatula to minimize trauma to the corneal endothelium and iris. 18mm from mid-screw to tip. Flat serrated handle. Overall length: 110mm, 4.3 inches. Right.



**Castroviejo Corneal Section Scissors
Z - 3201**

Product Description:
Angulated blade to facilitate manipulation and curved to conform to the curve of the limbus. Lower blade is 1mm longer than upper blade. Lower blade is rounded in the fashion of a spatula to minimize trauma to the corneal endothelium and iris. 18mm from mid-screw to tip. Flat serrated handle. Overall length: 110mm, 4.3 inches. Left.



**Castroviejo Corneal Section Scissors
Z - 3204**

Product Description:
Lower blade 0.5mm longer than upper blade. 14mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Right.



**Castroviejo Corneal Section Scissors
Z - 3204 M**

Product Description:
Mid-miniature model with curved blades and blunt tips. Lower blade 0.5mm longer than upper blade. 13mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Right.



**Castroviejo Corneal Section Scissors
Z - 3204 X**

Product Description:
Sub-miniature model has curved blades with blunt tips. Lower blade 0.5mm longer than upper blade. 9mm from mid-screw to tip. Serrated handle. Overall length: 103mm, 4.1 inches. Right.

Scissors



**Castroviejo Corneal Section Scissors
Z - 3205**

Product Description:
Lower blade 0.5mm longer than upper blade. 14mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Left



**Castroviejo Corneal Section Scissors
Z - 3205 M**

Product Description:
Mid-miniature model with curved blades and blunt tips. Lower blade 0.5mm longer than upper blade. 13mm from mid-screw to tip. Flat serrated handle. Overall length: 106mm, 4.2 inches. Left.



**Castroviejo Corneal Section Scissors
Z - 3205 X**

Product Description:
Sub-miniature model has curved blades with blunt tips. Lower blade 0.5mm longer than upper blade. 9mm from mid-screw to tip. Serrated handle. Overall length: 103mm, 4.1 inches. Left.



Z - 3204 X (right)



Z - 3205 X (left)

**Castroviejo Corneal Section Scissors
Z - 3204 X**

Product Description:
Matched set consists of one Z - 3204 X right and one Z - 3205 X left Castroviejo Corneal Section Scissors. Refer to Z - 3204 X & Z - 3205 X for details.

Corneal Section



Z - 3200 (right)



Z - 3201 (left)

**Castroviejo Corneal Section Scissors
Z - 3200**

Product Description:
Matched set consists of one Z - 3200 right and one Z - 3201 left Castroviejo Curved Corneal Section Scissors. Refer to Z - 3200 & Z - 3201 for details.



Z - 3204 (right)



Z - 3205 (left)

**Castroviejo Corneal Section Scissors
Z - 3204**

Product Description:
Matched set consists of one Z - 3204 right and one Z - 3205 left Castroviejo Curved Corneal Section Scissors. Refer to Z - 3204 & Z - 3205 for details.



Z - 3204 M (right)



Z - 3205 M (left)

**Castroviejo Corneal Section Scissors
Z - 3204 M**

Product Description:
Matched set consists of one Z - 3204 M right and one Z - 3205 M left Castroviejo Corneal Section Scissors. Refer to Z - 3204 M & Z - 3205 M for details.



**Manson-Aebli Corneal Section Scissors - Left
Z - 3190 M**

Product Description:
Angled blades, upper blade 1.5mm shorter than lower blade. 19mm from mid-screw to tip. Flat serrated handle. Overall length: 116mm, 4.7 inches. Left.



**Manson-Aebli Corneal Section Scissors - Right
Z - 3189 M**

Product Description:
Angled blades, upper blade 1.5mm shorter than lower blade. 19mm from mid-screw to tip. Flat serrated handle. Overall length: 116mm, 4.7 inches. Right.

Scissors



**McPherson-Castroviejo Miniature
Corneal Section Scissors
Z - 3204 MC**

Product Description:
Miniature model has curved blades with blunt tips. Lower blade 0.5mm longer than upper blade. 13mm from mid-screw to tip. Flat serrated handle. Overall length: 93mm, 3.7 inches. Right.



**McPherson-Castroviejo Miniature
Corneal Section Scissors
Z - 3205 MC**

Product Description:
Miniature model has curved blades with blunt tips. Lower blade 0.5mm longer than upper blade. 13mm from mid-screw to tip. Flat serrated handle with. Overall length: 93mm, 3.7 inches. Left.



Z - 3204 MC (RIGHT)



Z - 3205 MC (left)

**McPherson-Castroviejo Miniature
Corneal Section Scissors
Z - 3204 MC**

Product Description:
Matched set consists of one Z - 3204 MC right and one Z - 3205 MC left McPherson-Castroviejo Miniature Corneal Section Scissors. Refer to Z - 3204 MC & Z - 3205 MC for details.



Z - 3206 (RIGHT)



Z - 3207 (left)

**Troutman-Castroviejo Corneal
Section Scissors
Z - 3206**

Product Description:
Matched set consists of one Z - 3206 right and one Z - 3207 left Troutman-Castroviejo Corneal Section Scissors. Refer to Z - 3206 & Z - 3207 for details.

Corneal Section



Z - 3210 (RIGHT)



Z - 3211 (left)

**Troutman-Castroviejo Corneal
Section Scissors
Z - 3210**

Product Description:
Matched set consists of one Z - 3210 right and one Z - 3211 left Troutman-Castroviejo Corneal Section Scissors. Refer to Z - 3210 & Z - 3211 for details.



**Troutman-Castroviejo Corneal Section Scissors
Z - 3206**

Product Description:
Miniature model has curved blades with blunt tips. Both blades of equal length. 13mm from mid-screw to tip. Flat serrated handle with Barraquer stop/lock. Overall length: 116mm, 4.6 inches. Right.



**Troutman-Castroviejo Corneal
Section Scissors
Z - 3207**

Product Description:
Miniature model has curved blades with blunt tips. Both blades of equal length. 13mm from mid-screw to tip. Flat serrated handle with Barraquer stop/lock. Overall length: 116mm, 4.6 inches. Left.



**Troutman-Castroviejo Corneal
Section Scissors
Z - 3210**

Product Description:
Miniature model has curved blades with blunt tips. Both blades of equal length. 13mm from mid-screw to tip. Flat serrated handle with Barraquer stop/lock. Overall length: 105mm, 4.1 inches. Right.



**Troutman-Castroviejo Corneal
Section Scissors
Z - 3211**

Product Description:
Miniature model has curved blades with blunt tips. Both blades of equal length. 13mm from mid-screw to tip. Flat serrated handle with Barraquer stop/lock. Overall length: 105mm, 4.1 inches. Left.

Scissors



Micro Westcott Curved Tenotomy Scissors, Right
Z - 3223 R

Product Description:

Rounded Westcott blades with blunt tips. 19mm from mid-screw to tip. Overall length: 115mm, 4.5 inches. Right.



Shepard-Westcott Curved Tenotomy Scissors
Z - 3220 RS

Product Description:

Right model. Westcott blades with blunt tips. Upper blade serrated. 21mm from mid-screw to tip. Flat serrated handle. Overall length: 123mm, 4.8 inches.



Stevens Curved Tenotomy Scissors
Z - 3462

Product Description:

Standard model with curved blades and blunt tips. 30mm from mid-screw to tip. Ring handle. Overall length: 112mm, 4.4 inches.



Stevens Curved Tenotomy Scissors
Z - 3452 I

Product Description:

Heavy model with curved blades and blunt tips. 19mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.8 inches.

Tenotomy



Stevens Curved Tenotomy Scissors
Z - 3456 I

Product Description:

Light model with curved blades and blunt tips. 19mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.8 inches



Stevens Straight Tenotomy Scissors
Z - 3460

Product Description:

Standard model with straight blades and blunt tips. 30mm from mid-screw to tip. Ring handle. Overall length: 112mm, 4.4 inches.



Stevens Straight Tenotomy Scissors
Z - 3450 I

Product Description:

Heavy model with straight blades and blunt tips. 19mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.8 inches.



Stevens Straight Tenotomy Scissors
Z - 3454 I

Product Description:

Light model with straight blades and blunt tips. 19mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.8 inches.

Scissors



**Westcott Curved Tenotomy Scissors
Z - 3220 RWH**

Product Description:
Right model. Rounded Westcott blades with blunt tips. 23mm from mid-screw to tip. Wide serrated handle. Overall length: 142mm, 5.6 inches.



**Westcott Curved Tenotomy Scissors
Z - 3220 RX**

Product Description:
Right sub-miniature model. Rounded Westcott blades with blunt tips. 9mm from mid-screw to tip. Serrated handle. Overall length: 88mm, 3.4 inches

Tenotomy



**Westcott Curved Tenotomy
Scissors - Left
Z - 3220 L**

Product Description:
Rounded Westcott blades with blunt tips. 19mm from mid-screw to tip. Flat serrated handle. Overall length: 115mm, 4.5 inches. Left.



**Westcott Curved Tenotomy
Scissors, Right
Z - 3220 R**

Product Description:
Rounded Westcott blades with blunt tips. 19mm from mid-screw to tip. Flat serrated handle. Overall length: 115mm, 4.5 inches. Right

Scissors



**Littler Curved
Dissecting Scissors**
Z - 3480

Product Description:

Light curved - blunt tips - rounded blades. Eye in blades used in place of an eye probe for drawing sutures or muscle through a tunnel dissection. 27mm from mid screw to tip. Ring handle. Overall length: 119mm, 4.7 inches.



Reeh Stitch Scissors
Z - 3495 I

Product Description:

Rounded tips, with a very small hook at the end of one blade. From mid screw to tip 19mm. Ring handle. Overall length: 98mm, 3.9 inches.



**ZABBY'S Curved
Stitch Scissors**
Z - 3490 I

Product Description:

Sharp pointed tips. From mid screw to tip 18mm. Ring handle. Overall length: 97mm, 3.8 inches.



ZABBY'S Fine Straight Stitch Scissors
Z - 3240

Product Description:

Sharp pointed tips. 17mm from mid-screw to tip. Flat serrated handle. Overall length: 112mm, 4.4 inches.

Suture Stitch



ZABBY'S Fine Straight Stitch Scissors
Z - 3240 WH

Product Description:

Sharp pointed tips. 16mm from mid-screw to tip. Wide serrated handle. Overall length: 132mm, 5.2 inches



**ZABBY'S Original
Stitch Scissors**
Z - 3492 I

Product Description:

Sharp pointed tips. From mid screw to tip 22mm. Ring handle. Overall length: 102mm, 4.0 inches.



Westcott Type Stitch Scissors
Z - 3221

Product Description:

Sharp pointed tips. 21mm from mid-screw to tip. Flat serrated handle. Overall length: 120mm, 4.7 inches.



Westcott Type Stitch Scissors
Z - 3221 WH

Product Description:

Sharp pointed tips. 22mm from mid-screw to tip. Wide serrated handle. Overall length: 140mm, 5.5 inches

Scissors

Utility



Castroviejo Mini Keratoplasty-Utility-Stitch Scissors
Z - 3221 MHW

Product Description:
Very small pointed tips. 13mm from mid-screw to tip. Wide serrated handle. Overall length: 131mm, 5.2 inches.



ZABBY'S Curved Utility Scissors
Z - 3485 I

Product Description:
Blunt tips. 24mm from mid screw to tip. Ring handle. Overall length: 103mm, 4.1 inches.



ZABBY'S Curved Eye Scissors
Z - 3326

Product Description:
Sharp tips. 32mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches.



ZABBY'S Eye Scissors
Z - 3336

Product Description:
Blunt probe points and angled shafts. 26mm from mid-screw to tip. Ring handle. Overall length: 116mm, 4.6 inches.



ZABBY'S Curved Eye Scissors
Z - 3312 I

Product Description:
Pointed tips. 29mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches.



ZABBY'S Straight Eye Scissors
Z - 3310 I

Product Description:
Pointed tips. 29mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches.



ZABBY'S Curved Eye Scissors - Blunt Tips
Z - 3318 I

Product Description:
Blunt tips. From mid screw to tip: 30mm. Ring handle. Overall length: 107mm, 4.2 inches.



ZABBY'S Straight Eye Scissors
Z - 3324

Product Description:
Sharp tips. 32mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches.

Scissors

Utility



**ZABBY'S Straight Eye
Scissors - Blunt Tips
Z - 3316 I**

Product Description:



**ZABBY'S Straight Utility Scissors
Z - 3384 I**

Product Description:

Blunt tips. 25mm from mid-screw to tip. Ring handle. Overall length: 131mm, 5.1 inches.



**Westcott Type Utility Scissors
Z - 3222**

Product Description:

Rounded sharp tips. 25mm from mid-screw to tip. Flat serrated handle. Overall length: 131mm, 5.1 inches.



**Wilmer Angled Conjunctival and
Utility Scissors
Z - 3350**

Product Description:

Sharp pointed tips with serrated blades. 18mm from mid-screw to tip. Ring handle. Overall length: 94mm, 3.7 inches

Scissors

Iris



Barraquer Iris Scissors
Z - 3266

Product Description:
Blunt tips. 8mm from bend to tip. Flat serrated squeeze action handle . Overall length: 54mm, 2.1 inches.



McPherson-Vannas Curved Iris Scissors
Z - 3247

Product Description:
Sharp pointed tips. 11mm from mid-screw to tip. Flat serrated handle. Overall length: 83mm, 3.3 inches



Cohan-Vannas Curved Iris Scissors
Z - 3249

Product Description:
Sharp pointed tips. 12mm from mid-screw to tip. Flat serrated handle . Overall length: 57mm, 2.2 inches.



ZABBY'S Curved Iris Scissors
Z - 3297 I

Product Description:
Pointed tips. 18mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.9 inches.



Curved Iris Scissors
Z - 3244

Product Description:
Sharp pointed tips. 21mm from mid-screw to tip. Flat serrated handle . Overall length: 121mm, 4.8 inches.



ZABBY'S Curved Iris Scissors
Z - 3302 I

Product Description:
Pointed tips. 25mm from mid-screw to tip. Ring handle. Overall length: 105mm, 4.1 inches.



DeWecker Iris Scissors
Z - 3260

Product Description:
Blunt and sharp points. 12mm from bend to tip. Flat serrated squeeze action handle . Overall length: 114mm, 4.5 inches.



ZABBY'S Curved Iris Scissors
Z - 3305

Product Description:
Pointed tips. 28mm from mid-screw to tip. Ring handle. Overall length: 100mm, 3.9 inches.

Scissors

Iris



ZABBY'S Curved Iris Scissors
Z - 3308

Product Description:
Light standard pattern with pointed tips. 25mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.9 inches.



ZABBY'S Straight Iris Scissors
Z - 3304

Product Description:
Pointed tips. 28mm from mid-screw to tip. Ring handle. Overall length: 100mm, 3.9 inches.



ZABBY'S Straight Iris Scissors
Z - 3300 I

Product Description:
Pointed tips. 25mm from mid-screw to tip. Ring handle. Overall length: 105mm, 4.1 inches.



ZABBY'S Straight Iris Scissors
Z - 3306

Product Description:
Light standard pattern with pointed tips. 25mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.9 inches.



ZABBY'S Straight Iris Scissors
Z - 3296 I

Product Description:
Pointed tips. 18mm from mid-screw to tip. Ring handle. Overall length: 98mm, 3.9 inches.



Straight Iris Scissors
Z - 3243

Product Description:
Sharp pointed tips. 21mm from mid-screw to tip. Flat serrated handle. Overall length: 121mm, 4.8 inches

Scissors

Vannas



**Capsule Scissors 10mm
Angled Blades
Z - 3290 A**

Product Description:

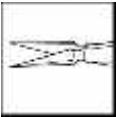
Delicate 10mm blades angled 45 degrees for performing capsulotomies and snipping capsule tags, iris, and other structures in the anterior chamber. Overall length: 110mm, 4.3 inches.



**Clayman -Vannas Curved Scissors
Z - 3283 C**

Product Description:

Sharp pointed tips. 7mm from mid-screw to tip. Smooth handle. Overall length: 83mm, 3.2 inches.



**Clayman -Vannas Straight Scissors
Z - 3283 S**

Product Description:

Sharp pointed tips. 7mm from mid-screw to tip. Smooth handle. Overall length: 83mm, 3.2 inches.



**Gills-Welsh Angled Vannas
Micro Scissors
Z - 3288 GWL**

Product Description:

11mm blades with sharp pointed tips. 13mm from mid-screw to tip. Serrated handle. Overall length: 86mm, 3.4 inches.



**Gills-Welsh Vannas Angled
Micro Scissors
Z - 3288 GW**

Product Description:

5mm blades with sharp pointed tips. 8mm from mid-screw to tip. Serrated handle. Overall length: 80mm, 3.1 inches



**Vannas Angled Capsulotomy
Scissors
Z - 3288**

Product Description:

6mm blades with sharp pointed tips. 9mm from mid-screw to tip. Serrated handle. Overall length: 81mm, 3.1 inches.



**Vannas Angled Capsulotomy
Scissors
Z - 3289**

Product Description:

6mm blades with sharp pointed tips. 9mm from mid-screw to tip. Serrated handle. Overall length: 81mm, 3.3 inches.



**Vannas Curved Capsulotomy
Scissors
Z - 3287**

Product Description:

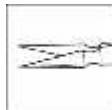
6mm blades with sharp pointed tips. 8mm from mid-screw to tip. Serrated handle. Overall length: 84mm, 3.3 inches.



**Vannas Curved Capsulotomy
Scissors - Blunt Tips
Z - 3287 B**

Product Description:

6mm blades with blunt tips. 8mm from mid-screw to tip. Serrated handle. Overall length: 84mm, 3.3 inches.



**Vannas Straight Capsulotomy
Scissors
Z - 3286**

Product Description:

6mm blades with sharp pointed tips. 8mm from mid-screw to tip. Serrated handle. Overall length: 84mm, 3.3 inches

Scissors



Osher IOL Scissors
ZT - 1206

Product Description:

The blades of this scissors are narrow and provide ease of entry through the incision. Serrations in the blade allow secure cutting of the implant without excessive movement. Ideal for acrylic and silicone implants.

Intraocular Lens



Rappazzo Haptic Scissors
Z - 1861 HAP

Product Description:

Designed to cut haptic in preparation for removal of IOL. Pointed 1mm blades with guillotine action. 1.5mm inner jaw space. Short squeeze style handle. Overall length: 81mm, 3.2 inches.

Scissors



ZABBY'S Curved Enucleation Scissors
Z - 3551

Product Description:

Medium curved, heavy rounded blades with blunt tips. 44mm from mid-screw to tip. Ring handle. Overall length: 135mm, 5.3 inches.

Enucleation



ZABBY'S Curved Enucleation Scissors
Z - 3552

Product Description:

Strongly curved, heavy rounded blades with blunt tips. 40mm from mid-screw to tip. Ring handle. Overall length: 130mm, 5.1 inches.

Scissors



Knapp Curved Strabismus Scissors
Z - 3477

Product Description:
Rounded blades with blunt or lightly curved blunt tips. 25mm from mid-screw to tip. Ring handle. Overall length: 118mm, 4.6 inches.



Knapp Curved Strabismus Scissors
Z - 3478

Product Description:
Rounded blades with strong curve and blunt tips. 25mm from mid-screw to tip. Ring handle. Overall length: 118mm , 4.6 inches.



Knapp Straight Strabismus Scissors
Z - 3476

Product Description:
Rounded blades with blunt or lightly curved blunt tips. 25mm from mid-screw to tip. Ring handle. Overall length: 118mm, 4.6 inches.

Strabismus



ZABBY'S Curved Strabismus Scissors
Z - 3472 I

Product Description:
Rounded blades with strong curve and blunt tips. 27mm from mid-screw to tip. Ring handle. Overall length: 106mm, 4.2 inches.



ZABBY'S Curved Strabismus Scissors
Z - 3471 I

Product Description:
Rounded blades with blunt tips. 29mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches

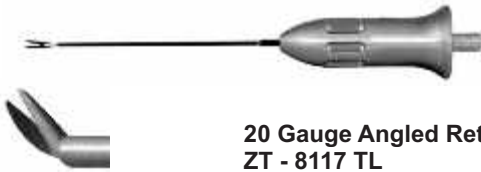


ZABBY'S Straight Strabismus Scissors
Z - 3470 I

Product Description:
Rounded blades with blunt tips. 29mm from mid-screw to tip. Ring handle. Overall length: 109mm, 4.3 inches

Scissors

Retinal



20 Gauge Angled Retinal Scissors
ZT - 8117 TL

Product Description:
20 Gauge. Delicate 1.7mm blades. 55 degree angle. Used to cut and release tissue causing traction on retina.



20 Gauge Vertical Scissors, Low Glare
ZT - 8116 TL

Product Description:
20 gauge. Intraocular vertical scissors with sharp pointed tips and guillotine action, 1mm diameter shaft. Facilitates removal of membranes that are causing traction. Great for PVR, Tangential traction.



20 Gauge Curved Scissors
ZT - 8118 T L

Product Description:



20 Gauge Micro Vertical Scissors
ZT - 8119 T L

Product Description:
20 Gauge. Sharp pointed tips. Guillotine action. 1mm diameter shaft. Facilitates removal of membranes that are causing traction. Great for PVR, Tangential traction.



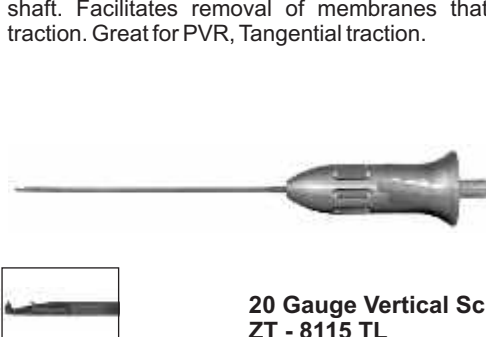
23 Gauge Vertical Scissors
ZT - 8207TL

Product Description:
23 Gauge. Sharp pointed tips. Facilitates removal of membranes that are causing traction. Great for PVR, Tangential traction.



23GA Curved Retinal Scissors
ZT - 8218TL

Product Description:
23 gauge. Allows for delamination of Epiretinal tissue to release traction. PVR.



20 Gauge Vertical Scissors
ZT - 8115 TL

Product Description:
20 Gauge. Sharp pointed tips. Guillotine action. 1mm diameter shaft.



25 Gauge Curved Scissors
ZT - 8610 T L

Product Description:

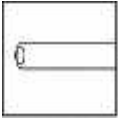


25 Gauge Vertical Scissors
ZT - 8608 T L

Product Description:
Facilitates removal of membranes that are causing traction. Great for PVR, tangential traction. Sharp pointed tips. Guillotine action. 1mm diameter shaft. 23 Gauge.

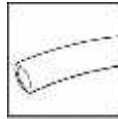
Cannulas

Lacrimal



Bailey Lacrimal Cannula
Z - 4311

Product Description:
23 gauge cannula with reinforced shaft and blunt 6mm tip.
Overall length excluding hub: 14mm, 0.6 inches.



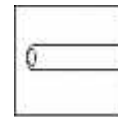
Fasanella Lacrimal Cannula
Z - 4326

Product Description:
23 gauge cannula with reinforced shaft. 22mm gently curved blunt tip. Overall length excluding hub: 42mm, 1.7 inches.



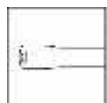
Keisler Lacrimal Cannula
Z - 4328

Product Description:
23 gauge cannula with blunt 6mm tip. Reinforced shaft with 90 degree curve. Overall length excluding hub: 31mm, 1.2 inches.



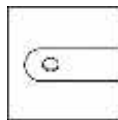
Lacrimal Cannula
Z - 4300

Product Description:
23 gauge cannula with blunt tip, straight shaft. Overall length excluding hub: 25mm, 1.0 inches.



Lacrimal Cannula
Z - 4310

Product Description:
22 gauge cannula with blunt flared probe point and malleable shaft. Overall length excluding hub: 19mm, 0.75 inches.



Lacrimal Cannula
Z - 4316

Product Description:
19 gauge cannula with blunt tip, side opening and straight shaft. Overall length excluding hub: 28mm, 1.1 inches.



Lacrimal Cannula - Curved tip
Z - 4306

Product Description:
23 gauge cannula with reinforced shaft, curved 10mm tip.
Overall length excluding hub: 31mm, 1.2 inches.

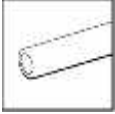


Lacrimal Cannula - Straight tip
Z - 4304

Product Description:
23 gauge cannula with reinforced shaft, straight 10mm tip.
Overall length excluding hub: 31mm, 1.2 inches.

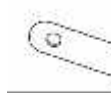
Cannulas

Lacrimal



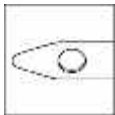
Lacrimal Cannula 26 Gauge Curved 5/Box
Z - 7087

Product Description:
Overall length excluding hub: 29 mm



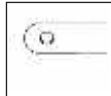
McIntyre Curved Lacrimal Cannula
Z - 4295 9

Product Description:
Curved shaft. 23 gauge cannula with blunt tip and side port.
Overall length, excluding hub 46mm, 1.8 inches.



Shahinian Lacrimal Cannula
Z - 4301

Product Description:
23 gauge cannula with blunt tapered tip and side port. Straight shaft. Overall length excluding hub: 11mm, 0.4 inches.



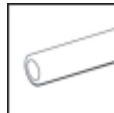
McIntyre Curved Lacrimal Cannula
Z - 4295 8

Product Description:
Straight shaft. 23 gauge cannula with blunt tip and side port.
Overall length, excluding hub 46mm, 1.8 inches.



Weil Lacrimal Cannula
Z - 4308

Product Description:
21 gauge cannula with blunt tip and top port. Curved shaft.
Overall length excluding hub: 34mm, 1.3 inches



Straight Lacrimal Cannula
19 Gauge/23 Gauge Tapered 5/Box
Z - 7084

Product Description:
Lacrimal Cannula. 19 gauge shaft tapering to 23 gauge cannula. Straight. Overall length excluding hub: 37.5mm. 5/Box



West Lacrimal Cannula
Z - 4318

Product Description:
23 gauge cannula with blunt tip and bottom port. Gently curved shaft. Overall length excluding hub: 30mm, 1.2 inches.

Cannulas

Viscoelastic



**Viscoelastic Injection Cannula
Z - 0397**

Product Description:
21 gauge, angled 50 degree shaft 5mm from tip to bend. Flattened rounded tip. Overall length excluding hub: 29mm, 1.1 inches.

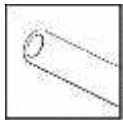


**Viscoelastic Injection Cannula -
3 pack
Z - 0397 PK**

Product Description:
Pack of 3. 21 gauge, angled 50 degree shaft 5mm from tip to bend. Flattened rounded tip. Overall length excluding hub: 29mm, 1.1 inches

Cannulas

Air Injection



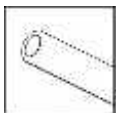
**Air Injection Cannula - 27 Gauge
Z - 0399 27**

Product Description:
27 Gauge. Angled 45 degree shaft, 5mm from tip to bend. Overall length excluding hub: 19mm, 0.75 inches.



**Fogla 27ga Air Injection Cannula
Z - 4324 27**

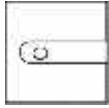
Product Description:
This 27 gauge bottom port cannula is used while injecting air into deep corneal stroma in DALK surgery. The blunt tip helps avoid deeper perforation into the anterior chamber and the flattened cannula is easily inserted into the corneal stromal pocket. The bottom port directs air posteriorly in order to achieve the "big bubble." The lamellar track should be created by using the Fogla Pointed Dissector prior to introducing this cannula. Overall length: 1.3in, 33mm



**Air Injection Cannula - 30 Gauge
Z - 0399 30**

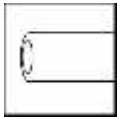
Product Description:
30 Gauge. Angled 45 degree shaft, 5mm from tip to bend. Overall length excluding hub: 19mm, 0.75 inches.

Cannulas



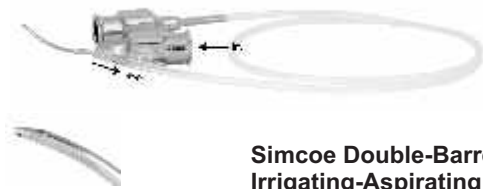
**McIntyre Inner Cannula
(with side port)
Z - 4295 3**

Product Description:
23 gauge inner cannula with 0.3mm side port. Overall length excluding hub: 46mm, 1.8 inches.



**McIntyre Straight Outer Cannula
Z - 4295 6**

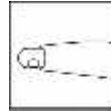
Product Description:
19 gauge outer cannula with straight untapered end. Overall length excluding hub: 17.5mm, 0.7 inches.



**Simcoe Double-Barreled
Irrigating-Aspirating Unit
Z - 4871**

Product Description:
23 gauge thin wall irrigation and aspiration. Aspiration through 0.3mm top port, with irrigation through side opening. Curved shaft. Uses 32cm (12 inches) of silicone tubing. Overall length excluding hub: 15mm, 0.6 inches. Irrigation through main hub, aspiration through silicone tubing.

Irrigating-Aspirating



**Simcoe Irrigating-Aspirating Unit
Z - 4869 LC**

Product Description:
23 gauge cannula (Z - 4869 L) with 0.33mm aspiration port, curved shaft and polished finish. Uses 60cm (23.6 inches) of silicone tubing (N5941 5). Overall length excluding hub: 21mm, 0.8 inches.



**Simcoe Reverse Double-Barreled
Irrigating-Aspirating Unit
Z - 4871 R**

Product Description:
Reverse unit. 23 gauge thin wall irrigation and aspiration. Aspiration through 0.3mm top port, with irrigation through side opening. Curved shaft. Uses 32cm (12.6 inches) of silicone tubing. Overall length excluding hub: 15mm, 0.6 inches. Aspiration through main hub, irrigation through silicone tubing.

Cannulas

Irrigating



**Adapter for Irrigators
Z - 4842**

Product Description:
Adapts Z - 4844 bulbs to cannula hubs. Overall length: 22mm, 0.9 inches.



**Lane 25 Gauge HANSATOME
Cannula
Z - 4887**

Product Description:
25 gauge irrigating cannula designed to fit around the HANSATOME keratome while cleaning the stromal interface and floating the cap into place.



**Bishop-Harmon Anterior
Chamber Irrigator
Z - 4821**

Product Description:
Includes one each: Z - 4822 Bishop-Harmon Irrigating Cannula, Z - 4842 Adapter for Irrigators, Z - 4844 Silicone Bulb. See "Irrigating Cannulas" for information on individual components of irrigator.



**Lane LASIK Cannula
Z - 4889**

Product Description:
Smooth 25 gauge cannula curved to fit the corneal curvature. Excellent for cleaning the stromal interface and floating the cap into place.



**Bishop-Harmon Irrigating Cannula
Z - 4822**

Product Description:
19 gauge. Angled 30 degree shaft 5mm from tip to bend with flattened blunt tip. Polished finish. Overall length excluding hub: 25mm, 1.0 inches.



**LASIK Irrigation Cannula
Z - 4897**

Product Description:
This specially designed 23 gauge spoon-shaped cannula is connected to a balanced salt solution bottle and with a low-flow of fluid, is designed to allow a controlled cleaning of the stromal interface. Overall length excluding hub: 43mm.



**Gills-Welsh Olive Tip Cannula
Z - 4314 Gw10**

Product Description:
25 gauge. Angled 45 degree shaft 10mm from tip to bend with 1mm smooth bulbous tip. Overall length excluding hub: 26mm, 1.0 inches.



**Lindstrom Interface Cannula
Z - 4896**

Product Description:
Gently curved 27 gauge cannula designed to allow controlled cleaning of the stromal interface.

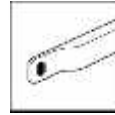
Cannulas

Irrigating



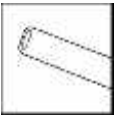
Park Irrigating Cannula
Z - 0410

Product Description:
19 gauge, angled 30 degree shaft 12mm from tip to bend. Flattened tip with 5 ports. Overall length excluding hub: 32mm, 1.3 inches.



Slade Refractive Cannula
Z - 4307

Product Description:
Flattened 26 gauge cannula with port on top to facilitate interface cleansing and flap replacement.



Probst Refractive Cannula 27 Gauge
Z - 4797

Product Description:
27 gauge cannula with 7mm angled tip. Excellent for irrigating the flap



Troutman Alpha-Chymotrypsin Cannula
Z - 4314

Product Description:
25 gauge. Curved shaft with 1mm smooth bulbous tip. Overall length excluding hub: 27mm, 1.1 inches.



Shepard Incision Irrigating Cannula
Z - 4825

Product Description:
30 gauge cannula with flattened 5mm angled tip for corneal wounds. Overall length excluding hub: 18mm, 0.7 inches.



Varley Interface Cannula
Z - 4886

Product Description:
27 gauge with beveled tip for easy insertion under the flap. Irrigates up and down to facilitate removal of difficult debris caught in the interface. Curved to follow curvature of the cornea



Silicone Bulb
Z - 4844

Product Description:
Translucent silicone, 25mm in diameter. Overall length: 63mm, 2.5 inches.

Cannulas

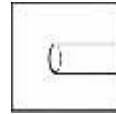
Aspirating



**23GA Backflush Infusion Cannula
Z - 0424 23G**

Product Description:

This reusable cannula can be used with either the Z - 4712 Backflush Handpiece or with a syringe for injection into the posterior segment. 23 gauge.



**Maumenee Vitreous
Aspirating Needle
Z - 4858**

Product Description:

18 gauge thin wall. Straight needle with blunt tip. Markings on shaft at 10mm, 15mm, and 20mm, from tip. Overall length excluding hub: 25mm, 1.0 inches



**25 Gauge Back Flush Cannula
Z - 0424 25GA**

Product Description:

Reusable 25 gauge cannula for use with the Z - 4712 Backflush Handpiece or with a syringe for injection into the posterior segment.



**McIntyre Handpiece
Z - 4295 27**

Product Description:

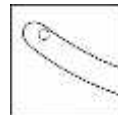
Aspirating or irrigating handpiece. Luer connector fits all cannula hubs, narrow connector fits IV tubing. 8mm diameter handle. Overall length: 76mm, 3.0 inches.



**Barrett Mini Aspirator
Z - 4866**

Product Description:

Excellent for cortex removal at the 12 o'clock position. Gently curved 23 gauge shaft for ease of manipulation. Silicone tubing is used for connecting to an aspiration line. Overall length excluding hub: 25mm, 0.9 inches.



**Osher Lens Vacuuming Cannula
Z - 0431**

Product Description:

27 gauge, straight shaft with curved tip to conform to the lens curvature for removing foreign bodies underneath intraocular lenses. Overall length excluding hub: 25mm, 1.0 inches.



**Fish Aspirating Cannula - Straight
Z - 4877 S**

Product Description:

25 gauge ski shaped tip. Shaft angled 11mm from tip. Overall length excluding hub: 27mm, 1.1 inches.



**Single-Use 23 Gauge Soft Tip Cannula
ZL - 7723**

Product Description:

Used for aspirating fluids off of the surface of the retina. Prevents damage that could be caused by the use of a rigid tip. Packaged sterile.

Cannulas

Aspirating



Single-Use 25 Gauge Soft Tip Cannula
ZL - 7625

Product Description:
Used for aspirating fluids off of the surface of the retina. Prevents damage that could be caused by the use of a rigid tip. Packaged sterile.



Soft Tip Aspirating Cannula 23ga
Z - 4327

Product Description:
23 gauge aspirating cannula with soft silicone tip.



Soft Tip Aspirating Cannula 20ga
Z - 4900

Product Description:
20 gauge aspirating cannula with soft silicone tip



Thornton Aspirating Capsule Polisher
Z - 4317 T

Product Description:
Aspirating 27 gauge cannula with "U" shape permits aspiration of 12 o'clock cortex. The tip is sandblasted to act as a capsule polisher. Overall length excluding hub: 23mm, 0.9 inches

Cannulas

Needles



Atkinson Retrobulbar Needle
Z - 4851

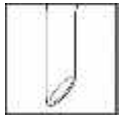
Product Description:
23 Gauge. Beveled sharp rounded point. Overall length excluding hub: 35mm, 1.4 inches.



Atkinson Retrobulbar Needle
Z - 4851 25

Product Description:
25 Gauge. Beveled sharp rounded point. Overall length excluding hub: 35mm, 1.4 inches

Cannulas



**Bracken Anterior Chamber Cannula
Z - 4830**

Product Description:
19 gauge. Curved 90 degree flattened beveled tip. Overall length excluding hub: 21mm, 0.8 inches.



**Knolle Anterior Chamber Irrigating
Cannula - 23 Gauge
Z - 4801 23**

Product Description:
23 Gauge. Blunt tip with shaft angled 45 degrees. 2mm from tip to bend. Overall length excluding hub: 19mm, 0.75 inches.



**Knolle Anterior Chamber Irrigating
Cannula - 25 Gauge
Z - 4801 25**

Product Description:
25 gauge. Angled 45 degree shaft. 2mm from tip to bend with blunt tip. Overall length excluding hub: 19mm, 0.75 inches.



**Knolle Anterior Chamber Irrigating
Cannula - 30 Gauge
Z - 4801 30**

Product Description:
30 Gauge. Blunt tip with shaft angled 45 degrees. 2mm from tip to bend. Overall length excluding hub: 19mm, 0.75 inches.

Anterior Chamber



**McIntyre Angled Anterior Chamber
Cannula - 23 Gauge
Z - 4295 20**

Product Description:
23 Gauge. Blunt tip with shaft angled 45 degrees, 12mm from tip to bend. Overall length excluding hub: 15mm, 0.6 inches



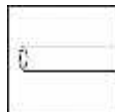
**McIntyre Angled Anterior Chamber
Cannula - 26 Gauge
Z - 4295 22**

Product Description:
26 Gauge. Blunt tip with shaft angled 45 degrees, 12mm from tip to bend. Overall length excluding hub: 15mm, 0.6 inches.



**McIntyre Angled Anterior Chamber
Cannula - 30 Gauge
Z - 4295 24**

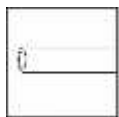
Product Description:
30 Gauge. Blunt tip with shaft angled 45 degrees. 12mm from tip to bend. Overall length excluding hub: 15mm, 0.6 inches.



**McIntyre Straight Anterior Chamber
Cannula - 23 Gauge
Z - 4295 19**

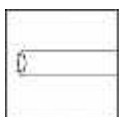
Product Description:
23 Gauge. Straight, blunt tip. Overall length excluding hub: 17mm, 0.7 inches.

Cannulas



McIntyre Straight Anterior Chamber Cannula - 26 Gauge
Z - 4295 21

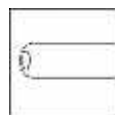
Product Description:
26 Gauge. Straight, blunt tip. Overall length excluding hub: 17mm, 0.7 inches.



McIntyre Straight Anterior Chamber Cannula - 30 Gauge
Z - 4295 23

Product Description:
30 Gauge. Straight, blunt tip. Overall length excluding hub: 17mm, 0.7 inches

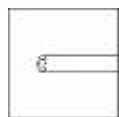
Anterior Chamber



Scheie Anterior Chamber Cannula
Z - 4828

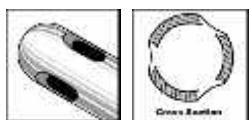
Product Description:
27 gauge. Straight, blunt tip. Overall length excluding hub: 20mm, 0.8 inches

Cannulas



Lambert 33 Gauge Subretinal Needle - Blunt
Z - 4710

Product Description:
Blunt. Designed for aspiration of fluid from subretinal space. 33 gauge tip. Tip also available in sharp style for various applications. Overall length excluding hub: 35mm, 1.4 inches.



Connor Anesthesia Cannula
Z - 4899

Product Description:
The cannula's polished, rounded tip safely dissects beneath Tenon's capsule to just beyond the globe's equator. 23 gauge cannula with three forward-spraying side ports designed to provide an even and diffuse distribution of anesthetic within the muscle cone.

Miscellaneous



Cannula Protector
Z - 4299

Product Description:
Adapts to cannula hubs. 10mm outer diameter. Overall length: 50mm, 2.0 inches.



Irrigating Cannula Handpiece
ZVS 922

Product Description:
8mm diameter Delrin handpiece. 90mm handle with grooves for grip. Standard male luer taper fits most cannula hub and female luer taper accept I/A tubing connectors. Overall length: 95mm, 3.5 inches.



Male to Male Cannula Adapter
Z - 4868 A

Product Description:
Delrin male luer adapter for connecting aspiration cannulas to aspiration tubing

Cannulas



Braga-Mele Hydrochop Cannula
Z - 4296

Product Description:

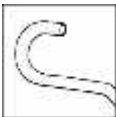
The vertical flattened tip of this cannula is excellent for hydrodissection when oriented in the horizontal plane. When rotated, the tip is used under irrigation to imbed into the lens nucleus and create a central groove the length of the capsulorhexis to a depth of one half to two thirds of the lens thickness.



Brown Dissection Cannula
Z - 4314 WS 25GA

Product Description:

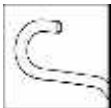
The broad olive tip of this angled cannula is designed to provide a stable surface to flip the cataract in the capsular bag and into the anterior chamber effectively executing the flip technique.



Hydrodissection Cannula - 25 Gauge, Left
Z - 4317 L

Product Description:

25 gauge left. Designed for hydrodissection of the lens nucleus. 3mm "U" tip allows easy entrance through the phacoemulsification wound. Available in 25 or 27 gauge sizes. Overall length excluding hub: 25mm, 1.0 inches

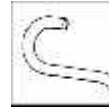


Hydrodissection Cannula - 25 Gauge, Right
Z - 4317 R

Product Description:

25 gauge right. Designed for hydrodissection of the lens nucleus. 3mm "U" tip allows easy entrance through the phacoemulsification wound. Available in 25 or 27 gauge sizes. Overall length excluding hub: 25mm, 1.0 inches.

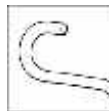
Hydrodissection



Hydrodissection Cannula - 27 Gauge, Left
Z - 4317 L27

Product Description:

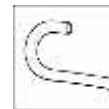
27 gauge left. Designed for hydrodissection of the lens nucleus. 3mm "U" tip allows easy entrance through the phacoemulsification wound. Available in 25 or 27 gauge sizes. Overall length excluding hub: 25mm, 1.0 inches.



Hydrodissection Cannula - 27 Gauge, Right
Z - 4317 R27

Product Description:

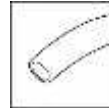
27 gauge right. Designed for hydrodissection of the lens nucleus. 3mm "U" tip allows easy entrance through the phacoemulsification wound. Available in 25 or 27 gauge sizes. Overall length excluding hub: 25mm, 1.0 inches



Hydrodissection Cannula - 27 Gauge, Straight
Z - 4317 S27

Product Description:

27 gauge straight. Designed for hydrodissection of the lens nucleus. 3mm "U" tip allows easy entrance through the phacoemulsification wound. Available in 25 or 27 gauge sizes. Overall length excluding hub: 25mm, 1.0 inches



Kellan Hydrodissection Cannula
Z - 4319

Product Description:

Gently curved 25 gauge cannula with flattened blunt tip to slip under the anterior capsular flap. Overall length excluding hub: 18mm, 0.7 inches.

Cannulas



**Nichamin Hydrodissection
Cannula - 25 Gauge
Z - 4321 H**

Product Description:
25 gauge. Curved cannula designed to follow the scleral tunnel incision and anterior lens capsule. The unique flattened tip allows for a better fit under the capsular leaflet. Overall length excluding hub: 39mm, 1.5 inches



**Nichamin Hydrodissection
Cannula - 27 Gauge
Z - 4321 H27**

Product Description:
27 gauge. Curved cannula designed to follow the scleral tunnel incision and anterior lens capsule. The unique flattened tip allows for a better fit under the capsular leaflet. Overall length excluding hub: 39mm, 1.5 inches



**Translocation Cannula 39 Gauge
Z - 7265**

Product Description:
Retinal hydrodissection cannulas are used for hydrodissecting the retina for various macular hole procedures. 20 gauge shaft tapers to 39 gauge I.D. flexible tip.



**Wiles Hydrodissection Cannula
Z - 4322**

Product Description:
25-gauge "J" cannula is gently angled 135 degrees to facilitate hydrodissection.



**Wiles Hydrodissection Cannula
Z - 4329**

Product Description:
The thin profile "J" style cannula allows easy manipulation in and out of the sub-2.0 mm wound, while providing an adequate irrigating stream for both hydrodissection and hydrodelineation, as well as sub-incisional cortical clean up.



**Yalon 25 Gauge Hydrodissection
Cannula
Z - 4325 25**

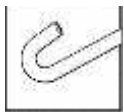
Product Description:
A 25 gauge, 45 degree angled cannula for hydrodissection. The tip has a unique feature, the irrigation port is on the side. This design is intended to allow more effective distribution of fluid around the nucleus. Overall length excluding hub: 39mm, 1.5 inches.

Cannulas



Anis Cortex Aspirating Cannula - Angled
Z - 4864 C

Product Description:
Angled, 23 gauge thin wall with 0.3mm aspiration port. 2mm Sandblasted tip. Also available straight. Overall length excluding hub: 25mm, 1.0 inches.



Binkhorst Hooked Cannula
Z - 4312 BL

Product Description:
Left. 22 gauge. Angled 30 degree shaft 13mm from tip to bend with 2.5mm hook curved tip. Overall length excluding hub: 35mm, 1.4 inches.



Binkhorst Hooked Cannula
Z - 4312 BR

Product Description:
Right. 22 gauge. Angled 30 degree shaft 13mm from tip to bend with 2.5mm hook curved tip. Overall length excluding hub: 35mm, 1.4 inches.



Dankner Cannula With Handle
Z - 4868 H

Product Description:
The gently curved 23 gauge cannula with 0.4mm aspiration port is now available on a stainless steel handle complete with a male taper hub which allows direct connection to aspiration tubing. The cannula is used through the side-port incision to aspirate cortex at 12 o'clock.

Cortex Extractors



Dankner Panariello 12 O'Clock Cortex Cannula
Z - 4868

Product Description:
Gently curved 23 gauge cannula with 0.4mm aspiration port ideal for aspiration of cortex through the side port stab incision. Overall length excluding hub: 21mm, 0.8 inches



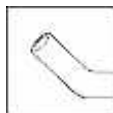
Gills-Welsh Cannula - 10mm Shaft
Z - 4831 10

Product Description:
25 gauge. Angled 45 degree shaft. Shaft 10mm from tip to bend. Overall length excluding hub: 21mm, 0.8 inches.



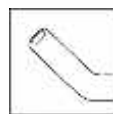
Gills-Welsh Cannula - 5mm Shaft
Z - 4831 5

Product Description:
25 gauge. Angled 45 degree shaft. Shaft 5mm from tip to bend. Overall length excluding hub: 18mm, 0.7 inches.



Gills-Welsh Cannula - 7mm Shaft
Z - 4831 7

Product Description:
25 gauge. Angled 45 degree shaft. Shaft 7mm from tip to bend. Overall length excluding hub: 19mm, 0.8 inches.



Gills-Welsh Cannula - 8mm Shaft
Z - 4831 8

Product Description:
25 gauge. Angled 45 degree shaft. Shaft 8mm from tip to bend. Overall length excluding hub: 20mm, 0.8 inches.

Cannulas



**Gimbel Forward Irrigating
Cannula 27 Gauge
Z - 4795**

Product Description:

27 gauge cannula with angled shaft and slightly curved tip is designed to cross the anterior chamber, slip under the anterior capsular flap and irrigate or aspirate cortical material. Overall length excluding hub: 28mm, 1.1 inches.



**Gimbel Irrigating Cannula 30
Gauge U-Tip
Z - 4794**

Product Description:

U tip 30 gauge cannula designed for ease in removal of 12 o'clock cortex and for hydrodissection of the lens nucleus. Overall length excluding hub: 28mm.



**Hagan Suction Cannula
Z - 4867**

Product Description:

Gently curved, 23 gauge aspiration cannula used through the side-port incision to aspirate cortex at 12 o'clock. This cannula features a male hub which allows direct connection to aspiration tubing. Overall length excluding hub: 20mm, 0.8 inches.



**Lewicky Cortex Extractor
Z - 4874**

Product Description:

23 gauge curved shaft. 0.3mm aspiration port set at 45 degrees. Overall length excluding hub: 13mm, 0.5 inches. Aspiration port set at 45 degrees right.

Cortex Extractors



**Osher "J" Cannula
Z - 4320**

Product Description:

Designed for clear or near clear corneal incision. Ideal for removing subincisional cortex, cortical clean up and reopening the capsular bag.



**Osher Cortex Extractor Cannula
Z - 4870**

Product Description:

27 gauge, J-hook cannula. Overall length excluding hub: 43mm



**Simcoe Cortex Extractor - 13mm
Z - 4869**

Product Description:

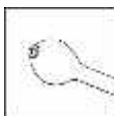
Gently curved 23 gauge cannula with 0.33mm aspiration port. Overall length excluding hub: 13mm, 0.5 inches



**Simcoe Cortex Extractor - 21mm
Z - 4869 L**

Product Description:

Long model. Gently curved 23 gauge cannula with 0.33mm aspiration port. Overall length excluding hub: 21mm, 0.8 inches.



**Welsh Cortex Extractor With Flat
Olive Tip
Z - 4314 WS**

Product Description:

25 gauge. Angled 45 degree shaft 8mm from tip to bend. Cortex cleanup allows 6 o'clock. Olive tip straight, flat. Overall length excluding hub: 25mm, 1.0 inches

Cannulas



Anterior Chamber Cannula
Z - 4882

Product Description:

25 gauge anterior chamber maintenance cannula with 3mm long beveled tip for ease of introduction through the side port incision. Uses 20cm (8 inches) of silicone tubing.



Lewicky Anterior Chamber Maintainer
Z - 4881

Product Description:

This unique 20 gauge anterior chamber maintainer features a threaded tip for fixation in the side port incision while maintaining the anterior chamber. Uses 25cm (10 inches) of silicone tubing. Excellent for use in manual ECCE or phaco.



Lewicky Anterior Chamber Maintainer 23ga
Z - 4884

Product Description:

This instrument is the 23 gauge version of the popular 20 gauge Lewicky Anterior Chamber Maintainer. It provides control over the depth of the anterior chamber during eye surgical procedures where anterior chamber depth control is important, including cataract surgery, IOL surgery, hyphema evacuation and IOL manipulations and relocations. The 23 gauge shaft is designed for easy insertion through most side port incisions without any need for enlargement. The self-retaining threaded tip assures stable fixation within the corneal stroma.

Anterior Chamber Maintainers



Nichamin Side Port Cannula - 21 Gauge
Z - 4321 S21

Product Description:

23 Gauge. Cannula designed for maintaining the anterior chamber. Angled 45 degree 7mm from tip. Handle design allows for connection to the irrigation line. Overall length: (including handle) 72mm, 2.8 inches.



Nichamin Side Port Cannula - 23 Gauge
Z - 4321 S

Product Description:

23 Gauge. Cannula designed for maintaining the anterior chamber. Angled 45 degree 7mm from tip. Handle design allows for connection to the irrigation line. Overall length: (including handle) 72mm, 2.8 inches.

Cannulas



Barrett 25 Gauge Hydrodelineation Cannula
Z - 4313 BAR

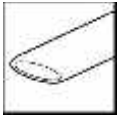
Product Description:

This 25 gauge cannula is beveled up to provide easy insertion and injection of fluid for performing hydrodelineation of the lens nucleus. Overall length excluding hub: 20mm, 0.8 inches

Hydrodelineation

Cannulas

Infusion



30 Degree Bent Infusion Needle
ZVS - 920

Product Description:
20 gauge needle bent 30 degrees, 7mm from tip for bimanual infusion.



Infusion Cannula - 4.0mm Beveled Tip
ZVS - 933

Product Description:
20 gauge, beveled tip with luer lock adapter. Uses 26cm (10.2 inches) of silicone tubing. Beveled tip - 4.0mm



Disposable 4.0mm Infusion Cannula
ZVS - 938A

Product Description:
20 Gauge, 4.0mm beveled tip and Luer Lock Adapter. 6 per Box (Sterile)



Infusion Cannula - 6.0mm Beveled Tip
ZVS - 935

Product Description:
20 gauge, beveled tip with luer lock adapter. Uses 26cm (10.2 inches) of silicone tubing. Polished finish. Beveled tip - 6.0mm



Infusion Cannula - 2.5mm Beveled Tip
ZVS - 931

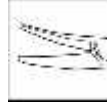
Product Description:
20 gauge, beveled tip with luer lock adapter. Uses 26cm (10.2 inches) of silicone tubing. Beveled tip - 2.5mm

Needle Holders



**Anis Needle Holder - Curved
Z - 3705 M**

Product Description:
Delicate 8mm gently curved jaws. Round knurled handle.
Overall length: 120mm, 4.7 inches. Without lock.



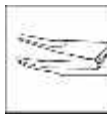
**Barraquer Needle Holder - Curved
Z - 3745**

Product Description:
Fine 10mm gently curved jaws. Large round serrated handle .
Overall length: 125mm, 4.9 inches.



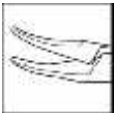
**Azar Needle Holder - Curved
with Lock
Z - 3751**

Product Description:
Fine 11mm gently curved jaws. Flat scalloped handle with lock.
Overall length: 136mm, 5.4 inches.



**Barraquer Needle Holder - Curved
Z - 3728 CWO**

Product Description:
Delicate 9mm gently curved jaws. Round knurled handle.
Overall length: 133mm, 5.2 inches. Without lock.



**Barraquer Needle Holder - Curved
Z - 3742**

Product Description:
Fine 10mm moderately curved jaws. Large round knurled handle. Overall length: 137mm, 5.4 inches. Without lock.



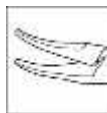
**Barraquer Needle Holder -
Curved with Lock
Z - 3728 CW**

Product Description:
Delicate 9mm gently curved jaws. Round knurled handle.
Overall length: 133mm, 5.2 inches. With lock.



**Barraquer Needle Holder - Curved
Z - 3744**

Product Description:
Fine 10mm gently curved jaws. Medium round knurled handle.
Overall length: 135mm, 5.3 inches.



**Barraquer Needle Holder -
Curved with Lock
Z - 3743**

Product Description:
Fine 10mm moderately curved jaws. Large round knurled handle. Overall length: 137mm, 5.4 inches. With lock.

Needle Holders



**Barraquer Needle Holder - Straight
Z - 3728 SWO**

Product Description:
Delicate 9mm straight jaws. Round knurled handle.
Overall length: 134mm, 5.3 inches. Without lock.



**Berdy Needle Holder
Z - 3708**

Product Description:
This instrument can be used for anterior segment, corneal transplant or cataract surgery. The fine tipped, non-locking instrument is well-balanced and light weight. The rounded knurled handle provides excellent control when working with fine needles.



**Barraquer Needle Holder -
Straight with Lock
Z - 3728 SW**

Product Description:
Delicate 9mm straight jaws. Round knurled handle. Overall length: 134mm, 5.3 inches. With lock.



**Castroviejo Needle Holder - Curved
Z - 3749**

Product Description:
Medium 11mm gently curved jaws. Flat serrated handle. Overall length: 137mm, 5.4 inches. Without lock.



**Bechert-Sinskey Needle Holder -
Curved with Lock
Z - 3727 CW**

Product Description:
Delicate 9mm gently curved jaws. Large round knurled handle with lock. Overall length: 130mm, 5.1 inches.



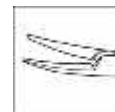
**Castroviejo Needle Holder -
Curved with Lock
Z - 3748**

Product Description:
Medium 11mm gently curved jaws. Flat serrated handle. Overall length: 137mm, 5.4 inches. With lock.



**Bechert-Sinskey Needle Holder -
Straight with Lock
Z - 3727**

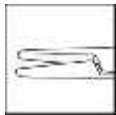
Product Description:
Delicate 9mm jaws. Large round knurled handle with lock. Overall length: 130mm, 5.1 inches.



**Castroviejo Needle Holder -
Curved with Lock, Fine
Z - 3761 WHMC**

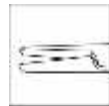
Product Description:
Fine 9mm curved jaws. Wide serrated handle with lock. Overall length: 130mm, 5.1 inches.

Needle Holders



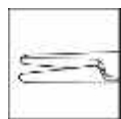
**Castroviejo Needle Holder -
Straight with Lock
Z - 3750**

Product Description:
Heavy 12mm straight jaws. Flat serrated handle with lock.
Overall length: 138mm, 5.4 inches.



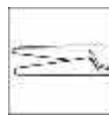
**Castroviejo Needle Holder -
Straight with Lock, Medium
Z - 3761**

Product Description:
Medium 10mm straight jaws. Flat serrated handle with lock.
Overall length: 136mm, 5.4 inches.



**Castroviejo Needle Holder -
Straight with Lock, Fine
Z - 3761 WH**

Product Description:
Fine 9mm straight jaws. Wide serrated handle with lock. Overall
length: 140mm, 5.5 inches.



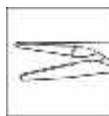
**Castroviejo Needle Holder -
Straight without Lock, Fine
Z - 3762**

Product Description:
Fine 10mm straight jaws. Flat serrated handle. Overall length:
136mm, 5.4 inches.



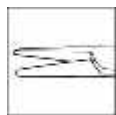
**Castroviejo Needle Holder -
Straight with Lock, Fine
Z - 3761 WHMS**

Product Description:
Fine 9mm straight jaws. Wide serrated handle with lock.
Overall length: 130mm, 5.1 inches.



**Castroviejo Needle Holder -
Straight with Lock, Medium
Z - 3752**

Product Description:
Medium 9mm straight jaws. Flat serrated handle with lock.
Overall length: 148mm, 5.8 inches.



**Castroviejo Needle Holder -
Straight with Lock, Heavy
Z - 3764**

Product Description:
Heavy 16mm straight jaws. Flat serrated handle with lock.
Overall length: 149mm, 5.9 inches.



**Cohan Needle Holder - Mini Curved
Z - 3736 C**

Product Description:
Fine 8mm gently curved jaws. Medium round knurled handle.
Overall length: 104mm, 4.1 inches. Without lock.

Needle Holders



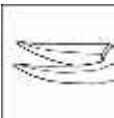
**Cohan Needle Holder -
Mini Curved with Lock
Z - 3736 CW**

Product Description:
Fine 8mm gently curved jaws. Medium round knurled handle .
Overall length: 104mm, 4.1 inches. With lock



**Corboy Needle Holder-Hemostat
Z - 3782**

Product Description:
Heavy 16mm serrated jaws with narrow tips. Ring handle with
ratchet lock and thumb ring angled 15 degrees. Overall length:
120mm, 4.7 inches.



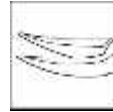
**Curved Needle Holder
Z - 3-203**

Product Description:
Curved 9mm jaws. Round knurled handle. Overall length:
109mm, 4.3 inches. Without lock.



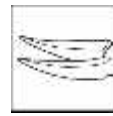
**Curved Needle Holder
Z - 3-103**

Product Description:
Curved 9mm fine jaws. Round knurled handle. Overall length:
109mm, 4.3 inches. Without lock.



**Curved Needle Holder
Z - 33-103**

Product Description:
Curved 9mm medium jaws. Round knurled handle. Overall
length: 137mm, 5.4 inches. Without lock.



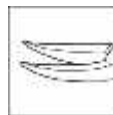
**Curved Needle Holder - with Lock
Z - 33-102**

Product Description:
Curved 9mm medium jaws. Round knurled handle. Overall
length: 137mm, 5.4 inches. With lock



**Curved Needle Holder - with Lock
Z - 3-102**

Product Description:
Curved 9mm medium jaws. Round knurled handle . Overall
length: 109mm, 4.3 inches. With lock.



**Curved Needle Holder - with Lock
Z - 3-202**

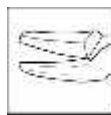
Product Description:
Curved 9mm fine jaws. Round knurled handle. Overall length:
109mm, 4.3 inches. With lock.

Needle Holders



Derf Needle Holder
Z - 3776

Product Description:
Heavy 13mm serrated jaws with grooves. Ring handle with ratchet lock. Overall length: 130mm, 5.1 inches.



Hampton Needle Holder - with Lock
Z - 3726

Product Description:
Medium 9mm gently curved jaws. Large round knurled handle with lock. Overall length: 130mm, 5.1 inches.



Fine Curved Needle Holder
Z - 33-203

Product Description:
Curved 9mm fine jaws. Round knurled handle. Overall length: 135mm, 5.3 inches. Without lock.



Kalt Needle Holder
Z - 3703

Product Description:
Medium 10mm serrated straight jaws with jaws 20% finer than original model. Flat serrated locking handle. Overall length: 137mm, 5.4 inches.



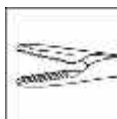
Fine Curved Needle Holder - with Lock
Z - 33-202

Product Description:
Curved 9mm fine jaws. Round knurled handle. Overall length: 135mm, 5.3 inches. With lock.



Kalt Needle Holder - Original Size Jaws
Z - 3702

Product Description:
Medium 10mm straight serrated jaws. Flat serrated locking handle. Overall length: 141mm, 5.6 inches.



Green Needle Holder - Straight
Z - 3729

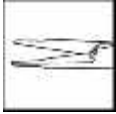
Product Description:
Heavy 12mm serrated straight jaws. Flat serrated spring loaded handle. Serrated suturing platform on opposite end. Overall length: 108mm, 4.3 inches.



McPherson Needle Holder - Curved with Lock
Z - 3735

Product Description:
Fine 11mm strongly curved jaws. Flat serrated handle with lock. Overall length: 107mm, 4.2 inches.

Needle Holders



**McPherson Needle Holder -
Straight with Lock
Z - 3734**

Product Description:
Fine 11mm straight jaws. Flat serrated handle with lock. Overall length: 107mm, 4.2 inches.



**O'Gawa Needle Holder - without Lock
Z - 3784 C**

Product Description:
Delicate 8mm jaws. with well rounded edges to prevent cutting suture. Overall length: 130mm, 5.1 inches. Curved jaws.



**Micro Barraquer Needle
Holder Curved with Lock
Z - 3730 CW**

Product Description:
Delicate 9mm gently curved jaws. With lock. Overall length: 133mm, 5.2 inches.



**Osher Needle Holder
Z - 3707 WO**

Product Description:
Delicate curved and tapered 9mm jaw for grasping fine 10-0 sutures. Round knurled handle. Overall length: 110mm, 4.3 inches. Without lock.



**Micro Barraquer Needle Holder
Curved without Lock
Z - 3730 CWO**

Product Description:
Delicate 9mm gently curved jaws. Without lock. Overall length: 133mm, 5.2 inches.



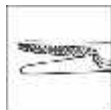
**Osher Needle Holder - with Lock
Z - 3707 W**

Product Description:
Delicate curved and tapered 9mm jaw for grasping fine 10-0 sutures. Round knurled handle. Overall length: 110mm, 4.3 inches. With lock.



**Nordan Curved Needle Holder
Z - 3-320**

Product Description:
Curved 7mm fine jaws. Round knurled handle. Overall length: 118mm, 4.6 inches.



**Paton Needle Holder
Z - 3746**

Product Description:
Heavy 11mm serrated jaws with lengthwise groove. Flat serrated handle. Overall length: 119mm, 4.7 inches.

Needle Holders



Rosin Microsurgery Needle Holder Large
ZT - 3699

Product Description:

Useful for penetrating keratoplasty or in conjunctival closures used in some glaucoma procedures. Compatible with smaller sutures such as 10-0. The large cylindrical shaped handle diameter yields better control of the instrument and minimizes hand fatigue.



Rosin Strabismus Needle Holder
ZT - 3799

Product Description:

Compatible with larger sutures such as 4-0 to 6-0. The large handle diameter yields better control of the instrument and minimizes hand fatigue. The cylindrical shaped handle can be rolled in the surgeon's hand



Snyder 20ga Needle Holder Tip
ZT - 3484TL

Product Description:

This instrument incorporates a strong 20 gauge shaft and sturdy jaws to securely grasp the suture needle in the anterior chamber for intraocular suturing techniques. The jaws incorporate fine criss-cross grooves to facilitate excellent control and secure grasp of the needle. .



ZABBY'S Needle Holder - Curved
Z - 3697 X

Product Description:

Medium 9mm curved jaws. Large round knurled handle. Overall length: 130mm, 5.1 inches. Without lock.



ZABBY'S Needle Holder - Curved with Lock
Z - 3697

Product Description:

Medium 9mm curved jaws. Large round knurled handle. Overall length: 130mm, 5.1 inches. With lock.



ZABBY'S Needle Holder - Curved with Lock
Z- 3697 LC

Product Description:

Fine 9mm gently curved jaws. Large round knurled handle with lock. Overall length: 130mm, 5.1 inches.



ZABBY'S Needle Holder - Curved with Lock
Z - 3785 WL

Product Description:

Delicate 6mm moderately curved jaws. Small round knurled handle . Overall length: 128mm, 5.0 inches. With lock



ZABBY'S Needle Holder - Curved without Lock
Z - 3-105

Product Description:

0.12mm 1 x 2 teeth with 7mm platform. Flat serrated handle. Overall length: 85mm, 3.3 inches.

Needle Holders



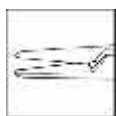
**ZABBY'S Needle Holder - Curved
without lock
Z - 3785**

Product Description:
Delicate 6mm moderately curved jaws. Small round knurled handle. Overall length: 128mm, 5.0 inches. Without lock.



**Straight Needle Holder - with Lock
Z - 33-100**

Product Description:
Straight 9mm medium jaws. Round knurled handle with lock. Overall length: 137mm, 5.4 inches.



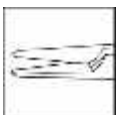
**ZABBY'S Needle Holder - Straight
Z - 3696**

Product Description:
Medium 9mm jaws. Large round knurled handle. Overall length: 130mm, 5.1 inches. Without lock.



**Troutman Needle Holder - Curved
Z - 3739**

Product Description:
Medium 10mm gently curved jaws. Medium round "horizontally" serrated handle. Overall length: 122mm, 4.8 inches. Without lock.



**ZABBY'S Needle Holder - Straight
with Lock
Z - 3695**

Product Description:
Medium 9mm jaws. Large round knurled handle. Overall length: 130mm, 5.1 inches. With lock.



**Troutman Needle Holder -
Curved with Lock
Z - 3739 X**

Product Description:
Medium 10mm gently curved jaws. Medium round "horizontally" serrated handle. Overall length: 122mm, 4.8 inches. With lock.



**Straight Needle Holder - with Lock
Z - 3-100**

Product Description:
Straight 9mm medium jaws. Round knurled handle with lock. Overall length: 109mm, 4.3 inches.



**Troutman Needle Holder -
Curved with Lock
Z - 3739 XWH**

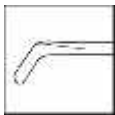
Product Description:
Fine 9mm moderately curved jaws. Wide serrated handle with lock. Overall length: 130mm, 5.1 inches.

Knives-Reusable



**Bard-Parker Handle
Z - 0234**

Product Description:
No. 9 knife handle used with Bard-Parker blades. Overall length: 116mm, 4.6 inches.



**Castroviejo Dissector
Z - 2890**

Product Description:
1.5mm x 5.0mm flat angled blade. Flat serrated handle. Overall length: 119mm, 4.7 inches.



**Devers-Terry Curved Dissector
Z - 3014**

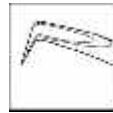
Product Description:
Used to dissect or separate stromal tissue during a DLEK procedure.



**Devers-Terry Straight Dissector
Z - 3013**

Product Description:
Used to dissect or separate stromal tissue during a DLEK procedure.

Knives, Cystotomes, Dissectors



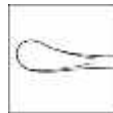
**Drews Cystotome
Z - 0044 27**

Product Description:
27 gauge cannula shaft with sharp tip. 10mm from tip to first 50 degree bend, 5mm to second 10 degree bend, 4mm from tip to hub. Overall length: 14mm, 0.6 inches.



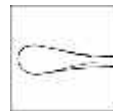
**Fogla Pointed Dissector
Z - 0380**

Product Description:
This instrument is designed to facilitate lamellar dissection of corneal stroma allowing the introduction of the Fogla 27ga Air Injection Cannula (z - 4824 27) for creation of the "big bubble" (plane separation between Descemets membrane and corneal stroma). The sharp tip and rounded shaft give a more controlled creation of the lamellar pocket in DALK surgery. Overall length: 4.6in, 116.8mm.



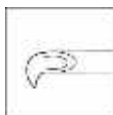
**Gill Corneal Knife - Curved
Z - 0296**

Product Description:
3mm x 18mm smooth blade. Flat serrated handle. Overall length: 119mm, 4.7 inches. Curved.



**Gill Corneal Knife - Straight
Z - 0298**

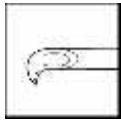
Product Description:
3mm x 18mm smooth blade. Flat serrated handle. Overall length: 119mm, 4.7 inches. Straight.



**Kelman Cystotome Knife - Blunt
Z - 0041 2B**

Product Description:
22 gauge cannula shaft. Overall length: 32mm, 1.3 inches. Edge: Blunt.

Knives-Reusable



Kelman Cystotome Knife - Sharp
Z - 0041 2S

Product Description:
22 gauge cannula shaft. Overall length: 32mm, 1.3 inches.
Edge: Sharp.



Kratz Cystotome
Z - 0046

Product Description:
22 gauge cannula shaft with sharp tip. Shaft angled 60 degrees, 12mm from angle to tip. Overall length: 13mm, 0.5 inches.



Lieppman Cystotome with Cystotome Guard
Z - 0048

Product Description:
22 gauge cannula shaft with small cutting tip. Supplied with tip guard. Overall length: 23mm, 0.9 inches.



Martinez Double Ended Corneal Dissector Knife
Z - 2901

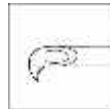
Product Description:
Double ended 3mm x 11mm angled sharp blades. Flat handle . Overall length: 127mm, 5.0 inches.

Knives, Cystotomes, Dissectors



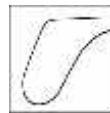
Maumenee Goniotomy Knife Cannula
Z - 0370

Product Description:
23 gauge cannula shaft with 2.5mm sharp blade. Overall length: 31mm, 1.2 inches.



Nevyas Double Sharp Cystotome
Z - 0041 L

Product Description:
22 gauge cannula shaft with sharp front and back edges. Overall length: 32mm, 1.3 inches



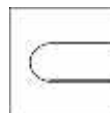
Scleral Resection Knife
Z - 2911

Product Description:
3mm x 5mm blade set at 45 degree angle. Flat serrated handle. Overall length: 123mm, 4.8 inches.



ZABBY'S Cataract Knife Guard
Z - 7150

Product Description:
Designed to hold and protect cataract knives from 11.5cm to 15.5cm. Stainless steel construction. Overall length: 148mm, 5.8 inches.



Tooke Corneal Knife
Z - 0290

Product Description:
3mm x 18mm smooth blade. Flat serrated handle. Overall length: 119mm, 4.7 inches.

Other Eye Instruments



Castroviejo Blade Breaker and Holder
Z - 0058

Product Description:

Features straight, jaws, round knurled handle with slide lock, and polished finish. Jaws: 13mm wafer-thin. Overall length: 140mm, 5.5 inches.



Feather Carbon Breakable Blades
Z - 0071 F

Product Description:

Feather carbon steel blades. Designed to break cleanly. Ten blades per package.



Stainless Steel Breakable Blades
Z - 0071

Product Description:

Stainless steel blades. Designed to break cleanly. Ten blades per package.



ZABBY'S Straight Micro Blade Holder
Z - 0072 S

Product Description:

Straight 6mm serrated jaws, round knurled handle with end lock. Overall length: 100mm, 4.0 inches.

Other Eye Instruments



Braunstein Fixed Caliper
Z - 2302

Product Description:
Fine tips mark sclerotomy sites for vitreous surgery. Overall length: 80mm, 3.2 inches. Aphakic: 3.5 mm. Phakic: 4.0 mm.



Braunstein Fixed Caliper
Z - 2303

Product Description:
Fine tips mark sclerotomy sites for vitreous surgery. Overall length: 80mm, 3.2 inches. Aphakic: 3.0 mm Phakic: 3.5 mm.



Castroviejo Caliper
Z - 2304

Product Description:
Caliper measures from 0mm to 20mm in 1mm increments with scale reading on both sides. Thumbscrew holds tips apart at desired setting. Overall length: 86mm, 3.4 inches.



Castroviejo Marking Caliper
Z - 2305

Product Description:
Curved 45 degree shafts with grooves for marking fluid. Caliper measures from 0mm to 20mm in 1mm increments with scale reading on both sides. Thumbscrew holds tips apart at desired setting. Overall length: 86mm, 3.4 inches.

Calipers, Gauges, Rulers



Hunkeler Mendez Degree Gauge
Z - 2322

Product Description:
This instrument has a miniature degree gauge designed for astigmatic procedures. The bevel of the ring allows it to applanate the cornea for precise placement of degree markings.



Incision Gauge Set
ZT - 2318

Product Description:
This set contains 7 individual incision gauges, measuring from 1.0mm to 3.0mm in 0.1mm increments. 3 sizes of 0.1mm increments are on each individual gauge.



Jameson Caliper
Z - 2310

Product Description:
Measures 0mm to 80mm in 1mm increments and 0 to 3 inches in 1/16 inch increments. Features include narrow, flat 3mm tips and a thumbscrew for locking the caliper at the desired setting. Overall length: 94mm, 3.7 inches.



Mendez Degree Gauge
Z - 2321

Product Description:
Used to determine incision angles. Calibrated every 10 degrees from 0 degrees to 180 degrees. Inner dimensions: 12mm, 0.75 inches. Round knurled handle. Overall length: 113mm, 4.5 inches.

Other Eye Instruments



Nichamin Degree Gauge
ZT - 2323

Product Description:

A modification of the popular Fine-Thornton Fixation Ring, this instrument is designed to facilitate placement of limbal relaxing incisions when treating corneal astigmatism. The two, 180 degree opposed, broad hash marks are to be aligned with the steep corneal meridian, centering the ring over the patient's positive astigmatic axis. 10 degree marks distinguish the extent of arc to be incised. This instrument can also be used to move the globe into position to allow for perpendicular placement of the incisions and to steady the eye when using topical anesthesia.



Raviv Capsulorhexis Caliper
Z - 2307

Product Description:

This caliper is designed to aid in the construction of a specifically sized capsulorhexis. Used through the main cataract wound or paracentesis, the adjustable marking tips allow the surgeon to mark the capsule boundaries in two axes. The blunt adjustable tips allow for atraumatic indentation of the capsule and the millimeter adjustment plate offers a caliper tip range of 0 to 8 mm.



Stahl Caliper
Z - 2301

Product Description:

Used to measure width from limbus to limbus for anterior chamber IOL implantation. Measures 7.0mm, 10.0mm, 10.5mm, 11.0mm, 11.5mm, 12.0mm, 12.5mm, and 13.0mm. Overall length: 40mm, 1.6 inches.

Calipers, Gauges, Rulers



Stainless Steel Flexible Ruler
Z - 2320

Product Description:

Measures up to 152mm in 1mm increments and 6 inches in 1/32 inch increments. Deeply etched graduations. Overall length: 159mm, 6.3 inches.



Thorpe Caliper
Z - 2314

Product Description:

Measures up to 80mm with 1mm increments and 3 inches in 1/16 inch increments. Features fine 3mm wide angulated tips and a thumbscrew for locking the caliper at desired setting. Overall length: 122mm, 4.8 inches.



Wallace 6mm Capsulorhexis Gauge
Z - 8936

Product Description:

This 6mm corneal marker provides an excellent reference to gauge the diameter of the anterior capsular opening during capsulorhexis. Creating a tear just inside the circular mark on the cornea provides a sub 6mm capsulorhexis which is ideal for the latest IOL technology.



Wallace Mendez Degree Gauge
ZT - 2325

Product Description:

10° interval marks. Designed for surgeons familiar with use of a standard phoropter. Measures 0° to 180° twice in 10° increments. Round handle, length 105 mm, 4.13 inches.

Other Eye Instruments



Durrie Hockey Stick
Z - 8995

Product Description:

Used to scrape corneal tissue during a manual refractive cornea procedure.



Jensen Capsule Polisher
Z - 0411 ED

Product Description:

27 gauge cannula with gently curved shaft. Olive tip with lower half electro-dusted. Overall length: 27mm, 1.1 inches.



Knolle Capsule Scraper
Z - 0409 30

Product Description:

30 gauge. Sandblasted tip. Cannula with 2mm angled tip. Overall length: 18mm, 0.7 inches.



Kratz Capsule Scraper - Sandblasted tip
Z - 0408

Product Description:

Sandblasted tip. 23 gauge cannula with 1mm angled tip. Overall length: 21mm, 0.8 inches.

Capsule Polishers, Scraper



Kratz Capsule Scraper - Electro-dusted tip
Z - 0408 ED

Product Description:

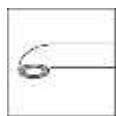
Electro-dusted tip. 23 gauge cannula with 1mm angled tip. Overall length: 21mm, 0.8 inches.



Simcoe Capsule Scrubber
Z - 4869 CS

Product Description:

23 gauge cannula. Curved shaft with sandblasted 2mm distal tip. Overall length: 13mm, 0.5 inches.



Simcoe Posterior Capsule Polisher
Z - 0458 PS

Product Description:

23 gauge cannula with Sandblasted tip. Shaft angled 45 degrees, 14mm from tip to bend. Overall length: 16mm, 0.6 inches.



Simcoe Posterior Capsule Scrubber
Z - 4869 R

Product Description:

23 gauge cannula with curved shaft. Reverse aperture. Overall length: 13mm, 0.5 inches.

Other Eye Instruments



Terry Irrigating Scraper
Z - 3023

Product Description:

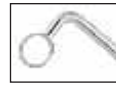
Used with irrigation to stabilize the anterior chamber while gently roughening the inner stromal surface of the cornea in preparation for the graft in the DSEK procedure.



Terry Non-Irrigating Scraper
Z - 3024

Product Description:

Capsule Polishers, Scraper



**Whitman Shepherd Double-Ended
Capsule Polisher**
Z - 0423

Product Description:

This instrument is designed for removing LECs from the inner surface of the capsule. The circular ends are ideal for cleaning the equator of the capsular bag prior to Lens insertion. The double ended design provides a left angled and right angled polisher on one handle for surgeon convenience.

Other Eye Instruments



8.0mm Corneal Marker
Z - 9-771W

Product Description:
Designed to provide a template for scoring and stripping of Descemet's membrane during the DSEK procedure.



8.5 mm and 9.0 mm Corneal Markers
ZT - 3116

Product Description:
Designed to provide a template for scoring and stripping of Descemet's membrane during the DSEK procedure.



Axis Marker
Z - 9-709

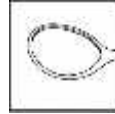
Product Description:
This two line marker is used in conjunction with the Mendez Degree Gauge to indicate the axis of astigmatism.



Corneal Marker 6.5mm/7.0mm
Z - 9029

Product Description:
This instrument was designed to allow the surgeon to make a capsulorhexis for the implantation of a Lens. The 6.5mm marker will leave a 6.0mm capsulorhexis. The 7.0mm marker will leave a 6.5mm capsulorhexis.

Corneal Markers, Scleral Depressors, Markers



Flynn Scleral Depressor
Z - 5097

Product Description:
Lens loop style tip excellent for depressing pediatric sclera. Flat serrated handle. Overall length: 80mm, 3.2 inches



Gulani LASIK Marker
ZT - 8979

Product Description:
3.5mm and 4.0 intersecting circles to mark the corneal flap for LASIK procedures. Round handle. Overall length: 119mm.



Koch Injection Site Marker
Z - 8907

Product Description:
Used to mark the injection sites on the sclera for the latest intravitreal injections. Two marking tips set back from the edge of the marker at 3mm and 4mm allow the surgeon to gauge the location from 3mm to 4mm away from the limbus.



Lindstrom LASIK Spatula and Marker
Z - 8935

Product Description:
This instrument marks the cornea for centration of the flap and provides a spatula for flap management in primary and enhancement cases. The corneal marker has a paraxial mark that is used to ensure proper alignment of the flap after treatment. The spatula may be used to atraumatically retract the flap and to flood it back into place following laser treatment. The chisel shaped end helps facilitate lifting the edge of the flap for enhancement procedures.

Other Eye Instruments



McDonald Four Line Marker
Z - 8903

Product Description:

Also designed for use in mini-RK, this instrument is used to create four incisions. The inner ring measures 4.0mm in diameter and the outer ring measures 5.0mm in diameter. This marker offers surgeons one instrument that can be used in 4.0, 4.5, and 5.0 optical zone RK.



McDonald Relaxing Incision Marker
Z - 8908

Product Description:

This instrument is designed for corneal relaxing incisions and places marks for 2, 3, and 4mm arcs around an 8.0mm optical zone.



McDonald Two Line Marker
Z - 8901

Product Description:

This marker is designed for the surgeon using two incisions in mini radial keratotomy. The inner ring measures 4.0mm in diameter and the outer ring measures 5.0mm in diameter allowing the instrument to be used for 4.0, 4.5 and 5.0 optical zone RK.

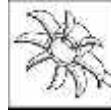


O'Connor Scleral Depressor-Marker
Z - 5009

Product Description:

3mm teardrop shape end and 1.5mm Gass marker end. Flat, serrated handle. Polished finish. Overall length: 133mm, 5.2 inches.

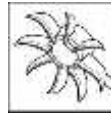
Corneal Markers, Scleral Depressors, Markers



Osher Neuman 8 Line Corneal Marker
Z - 8922

Product Description:

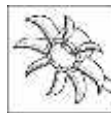
8 Line. Marks radial lines 4.0mm long. Inner diameter of blades is 4.5mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Also available in 6 lines, 12 lines, and 16 lines. Overall length: 109mm, 4.3 inches.



Osher-Neumann Corneal Marker - 12 lines
Z - 8922 12

Product Description:

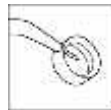
12 Line. Marks radial lines 4.0mm long. Inner diameter of blades is 4.5mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Also available in 6 lines, 8 lines, and 16 lines. Overall length: 109mm, 4.3 inches.



Osher-Neumann Corneal Marker - 16 lines
Z - 8922 16

Product Description:

16 Line. Marks radial lines 4.0mm long. Inner diameter of blades is 4.5mm. Marks on top of the ring help in centering marker and semi-sharp blades allow minimal marking pressure. Available in 6 lines, 8 lines, and 12 lines. Overall length: 109mm, 4.3 inches.



Pettigrove PRK Scraper and Marker
Z - 8933

Product Description:

This combination instrument was designed to offer surgeons one instrument for both marking and removing the epithelium prior to PRK. The 6.5mm marker end creates an impression on the cornea which allows easy placement of the highly polished stainless steel spatula tip. Overall length: 112mm

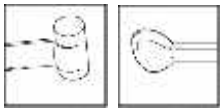
Other Eye Instruments



Schepens Scleral Depressor - medium
Z - 5000 10

Product Description:

Polished depressor with 8mm wide tip. Overall length: 43mm, 1.7 inches. Size 10, medium thimble.



Schocket Double Ended Scleral Depressor
Z - 5008

Product Description:

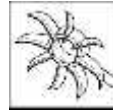
Double-end depressor and marker. Rounded end designed for depressing sclera and curved marking end for reaching behind the globe. 6mm wide bar and 2.5mm teardrop shape tips. Overall length: 134mm, 5.3 inches.



Spaide Pediatric Scleral Depressor
Z - 5012

Product Description:

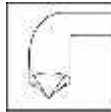
Tip curved to fit the globe of an infant. Serrated surface grasps the conjunctiva to rotate the eye in any direction. The tip of the foot is used to depress the sclera. Flat serrated handle. Overall length: 125mm, 4.9 inches.



Thornton Low Profile Marker - 8 lines
Z - 8926 8

Product Description:

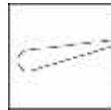
8-Line. Centration on the previously marked center and optical zone ring can be easily placed binocularly, reducing the parallax problems with higher profile markers. 4.0mm long radial lines. Inner diameter of blades is 4.5mm. Marks on top of ring assist with centration. Semi-sharp blades allow minimal marking pressure. Round, knurled handle with dull finish. Low profile stainless steel construction. Available in 4 lines, 8 lines, and 16 lines. Overall length: 80mm, 3.1 inches.



Urretts-Zavalía Depressor and Fixation Pick
Z - 5006

Product Description:

Depressor has sufficient sharpness to permit the rotation of the globe during examination. Flat serrated handle. Overall length: 123mm, 4.8 inches.



Wilder Scleral Depressor
Z - 5005

Product Description:

2.5mm diameter X 15mm long angled tip. Flat serrated handle with pocket clip. Overall length: 125mm, 4.9 inches.

Other Eye Instruments

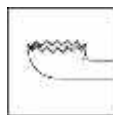


Foreign Body Curette - 1.0mm cup
Z - 0708

Product Description:

Straight 31mm shaft with flat handle. Overall length: 127mm, 5.0 inches. Cup: 1.0mm.

Curettes-Chalazion



Skeele Curette
Z - 0690

Product Description:

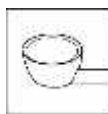
2.0mm cup with serrated edge. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches



Meyerhoeffer Chalazion Curette
1.5mm cup
Z - 0680

Product Description:

No. 0, 1.5mm cup. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches.



Meyerhoeffer Chalazion Curette
1.75mm cup
Z - 0681

Product Description:

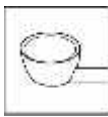
No. 1, 1.75mm cup. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches.



Meyerhoeffer Chalazion Curette
2.0mm cup
Z - 0682

Product Description:

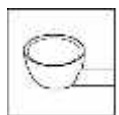
No. 2, 2.0mm cup. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches.



Meyerhoeffer Chalazion Curette
2.5mm cup
Z - 0683

Product Description:

2.0mm cup with serrated edge. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches



Meyerhoeffer Chalazion Curette
3.5mm cup
Z - 0684

Product Description:

No. 4, 3.5mm cup. Straight 31mm shaft with flat handle. Overall length: 125mm, 4.9 inches.

Other Eye Instruments

Equipment



Cannula Holder Sterilizing Bar
Z - 7319 H

Product Description:

Fits into all sterilizing trays. Silicone support for 10 cannulas. Overall length: 144mm, 5.7 inches. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.



Diamond Knife Sterilizing Tray -
Z - 7307

Product Description:

Diamond knife tray with silicone inserts to securely hold the diamond knife.



Double Layer Microsurgical Instrument Tray - 6 x 10 inches
Z - 7311

Product Description:

Size: 6 x 10 inches. Capacity: 20-30 instruments. Depth: 1.9 inches. Double layer sterilizable plastic tray with silicone matting on both layers for supporting and protecting instruments.



Emesis Basin
Z - 7349

Product Description:

Length 9 7/8 in. Width 4 1/2 in. Height 2 1/8 in. Capacity 26 oz.



PLASTIC Sterilization Tray - Holds 2 Instruments
Z - 7900

Product Description:

PLASTIC Sterilization Tray - Holds 2 Instruments



Graduated Carafe
Z - 7348

Product Description:

Diameter 4.75 in, 120.7 mm. Height 5.25 in, 133.4 mm. Capacity 32 oz.



Graduated Medicine Cup, 2 oz
Z - 7350

Product Description:

Capacity: 2 oz. Diameter: 2.125 in, 53.97mm. Height: 2.00 in, 50.8mm.



Instrument Lubricant
Z - 3060 A1

Product Description:

Gallon (3.8 liters) plastic jug of concentrate makes six gallons (22.8 liters) of solution. Lubricant and rust inhibitor for surgical instruments. Stops corrosion and maintains free working instruments. Permits autoclaving of sharps and carbon steel instruments. Easy to use. Does not interfere with steam sterilization. After cleaning, "quick-dip" a whole tray. No rinsing, no wiping, instruments are ready to autoclave.

Other Eye Instruments



Iodine Cup, 6 oz
Z - 7346

Product Description:

Capacity: 6 oz. Diameter: 3.44 in, 87.38mm. Height: 2.00 in, 50.8mm.



Lance Tip for 10k Eye Magnet
Z - 6567 L



Microsurgical Cannula Holder Tray
Z - 7319

Product Description:

Capacity: 10 cannulas. Dimensions: 9.52 x 14.6 x 4.4cm, 3.75 x 5.75 x 1.75 inches. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.



Microsurgical Instrument Tray
Z - 7314

Product Description:

Capacity: 50-60 instruments. Dimensions: 26.7 x 50.8 x 6.35cm, 10.5 x 20 x 2.5 inches. Complete with Cannula bar and compartment for sterilization of bipolar cords, I/A accessories, etc. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.

Equipment



Microsurgical Instrument Tray
Z - 7315

Product Description:

Capacity: 20 25 instruments. Dimensions: 20.95 x 33.65 x 4.45cm, 8.25 x 13.25 x 1.75 inches. Single layer of matting and V strips with space in lower portion for bipolar cords, I/A accessories, etc. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.



Microsurgical Instrument Tray
Z - 7316 1

Product Description:

Capacity 15 instruments. Dimensions: 20.95 x 20.95 x 4.45cm, 8.25 x 8.25 x 1.75 inches. Storage in bottom of tray for bipolar cords, I/A accessories, etc. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.



Microsurgical Instrument Tray
Z - 7316 2

Product Description:

Capacity 30 instruments. Dimensions: 20.95 x 20.95 x 4.45cm, 8.25 x 8.25 x 1.75 inches. Double layer accommodates twice the instruments as the single layer tray. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.



Microsurgical Instrument Tray
Z - 7318

Product Description:

Capacity 50 60 instruments. Dimensions: 26.67 x 33.65 x 4.45cm, 10.5 x 13.25 x 1.75 inches. Double layer accommodates twice the instruments as the single layer tray. Durable and lightweight with built-in protection against rust. Security locks ensure against accidental opening. Silicone matting/V-strips and bumper guards hold instruments in place. Sturdy, long wearing, riveted hinges.

Other Eye Instruments



O.R. & Procedure Bowl, 5 oz.
Z - 7351

Product Description:
5 oz. Diameter: 3.25 in, 82.55mm. Height: 4.25 in, 107.95mm.



Plastic Tray - 3 x 6 inches
Z - 7309

Product Description:
Size: 3 x 6 inches. Capacity: 4-7 instruments. Depth: 1 inch. Sterilizable plastic tray with silicone matting for supporting and protecting instruments.



Plastic Tray - 6 x 10 inches
Z - 7306

Product Description:



Retina Sterilization Tray
Z - 7321

Product Description:
Capacity: 5 Handles, 5 Tips, up to 10-15 additional instruments. This double layer sterilization tray securely holds retinal handles and tips in bottom layer. In addition, the tray contains placeholders for the new Retinal Tip Identification System. The top layer can be used to hold up to 15 additional instruments. Plastic tray with silicone matting on both layers for supporting and protecting instruments.



Reusable Cord
Z - 1950 B

Product Description:
For use with Bipolar Coagulators using banana type receptacle jacks.



Short Blunt tip for 10k Eye Magnet -
Z - 6567 S

Equipment



Solution Basin, 7 quart
Z - 7347

Product Description:
Capacity: 7 quart. Diameter: 13.63 in, 346.08mm 4.63 in, 117.48mm.



Sterile Disposable Bipolar Cord
Z - 1970 C

Product Description:
Single use, dependable, economic bipolar cord for use with Bipolar Coagulators using banana type receptacle jacks. Individually packaged. Sterile. 10 per box. Length: 36.36cm, 12 feet.



Tip for 10k Eye Magnet - 3mm
Z - 6567 3

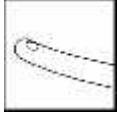


Tip for 10k Eye Magnet - 6mm
Z - 6567 6



Tip Wrench for 10k Eye Magnet
Z - 6567 W

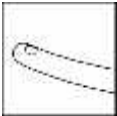
Other Eye Instruments



**Aspirating Handpiece 23
Gauge 0.3mm Port
ZT - 4653 A23**

Product Description:

Used to remove residual cortex after phacoemulsification. Can be used through either side port incision, thus the surgeon is able to easily reach the cortex in every quadrant of the capsule. Handpiece fits on female connector of phacoemulsification machines. Aspirating port is 0.3mm. Autoclavable



**Aspiration Handpiece 23 Gauge
0.4mm Port
ZT - 4650 A23**

Product Description:

Used to remove residual cortex after phacoemulsification. Handpiece is autoclavable. Can be used through either sideport incision, thus the surgeon is able to easily reach the cortex in every quadrant of the capsule. Handpiece fits on female aspiration connector of the Phacoemulsification machines.



**Aspiration Handpiece-Polishing
Tip 23 Gauge 0.4mm Port -
Roughened Surface
ZT - 4650 AP23**

Product Description:

Used to remove residual cortex after phacoemulsification. Handpiece is autoclavable. Can be used through either sideport incision, thus the surgeon is able to easily reach the cortex in every quadrant of the capsule. Handpiece fits on female aspiration connector of the phacoemulsification machines.

Handpieces - I/A



**Bimanual Handpiece Aspirating 19GA
ZVS - 983**

Product Description:

Handpiece is designed for use with small incision Phaco. Fits on the female aspiration connector. 0.3mm port.



**Bimanual Handpiece Irrigating
19GA with Drysdale Tip
ZVS - 984**

Product Description:

Handpiece is designed for use with small incision Phaco. Fits on the male irrigation connector. The Drysdale tip features a generous flattened paddle tip for manipulating the lens nucleus



**Bimanual Handpiece Irrigating
19GA with Sweeney Tip
ZVS - 985**

Product Description:

Handpiece is designed for use with small incision Phaco. Fits on the male irrigation connector. The Sweeney tip is angled for ease of insertion through an incision. The flat paddle-like tip can assist in nucleus cracking.

Other Eye Instruments

Handpieces - I/A



**Bimanual Handpiece Irrigation 19GA
ZVS - 982**

Product Description:

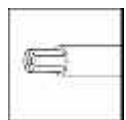
Handpiece is designed for use with small incision Phaco. Handpiece fits on the male irrigation connector. 0.6mm port.



**Irrigating Handpiece 21
Gauge 0.4mm Port
ZT - 4650 I21**

Product Description:

Used to remove residual cortex after phacoemulsification. Handpiece is autoclavable and maintains the anterior chamber. It has dual 0.4mm irrigating ports. It also fits on to male irrigation connector of the phacoemulsification machines.



**Brush Cannula For Backflush
Handpiece
Z - 4704**

Product Description:

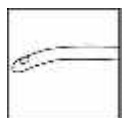
Soft silicone brush tip mounted on 20 gauge straight cannula shaft designed for use with Backflush Handpiece. Allows gentle massaging of the retina while aspirating blood and fluids. Overall length: 35mm, 1.4 inches.



**Lindstrom 19 Gauge Irrigating
Handpiece
ZVS - 988**

Product Description:

19 gauge irrigating handpiece with Beckert tip.

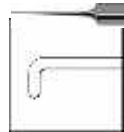


**Cannula Tip For Backflush
Handpiece - 25 Gauge
Z - 4702 25**

Product Description:

Curved 20 degree cannula tip designed for use with the Backflush Handpiece. Port is located on the convex side of the tip for removal of subretinal fluids. Available in 24 and 25 gauge sizes. Overall length: 30mm, 1.2 inches. 25 gauge.

Other Eye Instruments



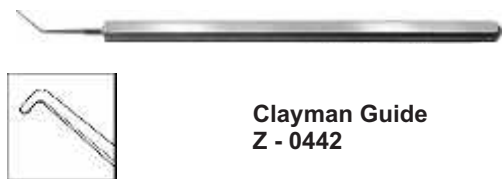
Azar Lens Manipulation Hook
Z - 0435

Product Description:
0.2mm, 90 degree angled tip. Flat smooth handle. Overall length: 120mm, 4.7 inches.



Bonn Iris Hook
Z - 0449 D

Product Description:
Curved 0.3mm hook. Flat serrated handle. Overall length: 123mm, 4.8 inches.



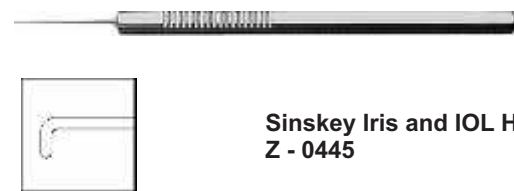
Clayman Guide
Z - 0442

Product Description:
0.2mm Sinskey hook with shaft angled 45 degrees, 10mm from tip to bend. Flat smooth handle. Overall length: 116mm, 4.6 inches.



Clayman Guide
ZT - 1112

Product Description:
0.2mm Sinskey hook with shaft angled 45 degrees, 10mm from tip to bend.



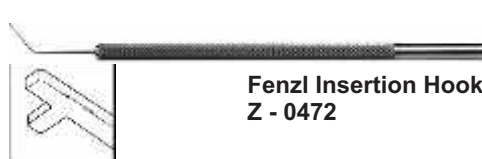
Sinskey Iris and IOL Hook
Z - 0445

Product Description:
0.2mm hook with straight shaft and flat serrated handle. Used to mark the visual axis. Overall length: 118mm, 4.6 inches.



Clayman Micro Hook
Z - 0438

Product Description:
0.3mm hook angled 45 degrees, 9mm from tip to bend. Flat smooth handle. Overall length: 117mm, 4.6 inches.



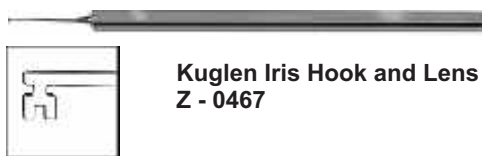
Fenzl Insertion Hook
Z - 0472

Product Description:
Angled 45 degrees, 10mm shaft with 0.2mm tip. Round knurled handle. Overall length: 117mm, 4.6 inches.



Hirschman Iris Hook
Z - 0449 H

Product Description:
H shaped 0.75mm hook angled 45 degrees, 9mm from tip to bend. Round knurled handle. Overall length: 122mm, 4.8 inches.



Kuglen Iris Hook and Lens Manipulator
Z - 0467

Product Description:
Designed for iris retraction and IOL manipulation. Straight shaft with 0.5mm "K" hook. Flat smooth handle. Overall length: 117mm, 4.6 inches.



ZABBY'S Iris Hook
Z - 0446

Product Description:
Blunt hook. Flat serrated handle with polished finish. Overall length: 125mm, 4.9 inches.

Other Eye Instruments

Hooks - Iris IOL



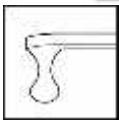
Kuglen Iris Hook and Lens Manipulator
ZT - 1110

Product Description:
Designed for iris retraction and IOL manipulation. Straight shaft with 0.5mm "K" hook.



Kuglen Push-Pull Hook
Z - 6-300

Product Description:
Titanium. Small "H" shaped push-pull tip. Shaft angled 45 degrees, 9mm from tip. Round knurled handle. Overall length: 122mm, 4.8 inches.



Lester Lens Manipulator
Z - 0471

Product Description:
Straight shaft with 0.2mm hourglass shape tip. Round knurled handle. Overall length: 115mm, 4.5 inches.



Lewicky Hook
Z - 0434

Product Description:
0.2mm, 90 degree angled tip with curved 9mm shaft. Flat smooth handle. Overall length: 115mm, 4.5 inches.



Sinskey Iris and IOL Hook
ZT - 1103

Product Description:
0.2mm hook with straight shaft. Used to mark the visual axis.



Sinskey Hook Modified
Z - 0445 M

Product Description:
0.2mm hook with curved shaft to reach over lens optic. Flat serrated handle. Overall length: 121mm, 4.8 inches.



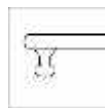
Mackool Cataract/Capsulor Support Hook
ZT - 7305

Product Description:
Used in patients with poor zonular support during routine phaco. Example: Capsulorhexis has been performed and phaco begun. Extreme zonular weakness is discovered, phaco tip is removed from eye and chamber is filled with viscoelastic; individual Retractors are inserted to capture margins of capsulorhexis. Gradual tightening of each retractor provides excellent fixation of capsular sac and fornices. Phaco and cortex removal are completed in standard fashion (this is in contrast to situations when an endocapsular ring has been inserted and cortex removal is extremely difficult due to entrapment of cortex by the ring). After cortex removal, an endocapsular ring is inserted and the Mackool Cataract Support System / Retractors are removed through phaco incision. Four to eight hooks recommended.



Mackool System Sterilization Case
ZT - 7305TA

Product Description:
Secures Mackool Cataract/Capsulor Support Hooks (ZT - 7305) for sterilization.



Maloney No-Hole Manipulator
Z - 0479

Product Description:
Teardrop shape tip with post. Round knurled handle. Overall length: 124mm, 4.75 inches.



Maumenee Iris Hook
Z - 0447

Product Description:
Blunt 1.0mm hook. Flat serrated handle. Overall length: 123mm, 4.8 inches.

Other Eye Instruments



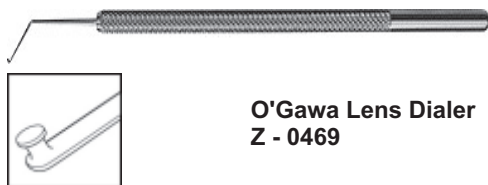
Maumenee Iris Hook
Z - 0449

Product Description:
Sharp, 1.5mm hook. Flat serrated handle. Overall length: 123mm, 4.8 inches.



Modified Osher Y Hook with Tear Drop Tip
ZT - 0551

Product Description:
This instrument mimics the popular Osher Y Hook, but provides increased capsular protection by broadening the tip of the lower prong. The tear drop tip also facilitates IOL manipulation as well as pupil stretching.



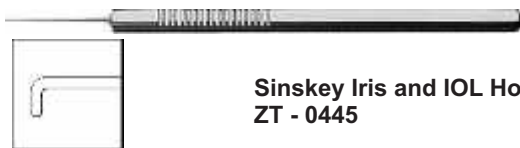
O'Gawa Lens Dialer
Z - 0469

Product Description:
Excellent for manipulation of the intraocular lens in the capsular bag. The angled and curved shaft allows the instrument to reach across the implant.



Osher 'Y' Hook
Z - 0477

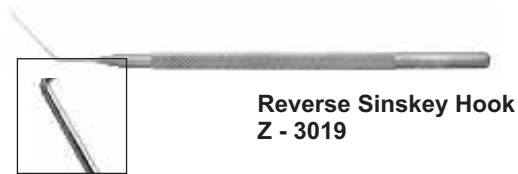
Product Description:
Designed for manipulating one piece lenses. The 'Y' hook is excellent for capturing haptics and centering the lens. Straight shaft with 'Y' shaped tip. Round knurled handle. Overall length: 124mm, 4.9 inches.



Sinskey Iris and IOL Hook
ZT - 0445

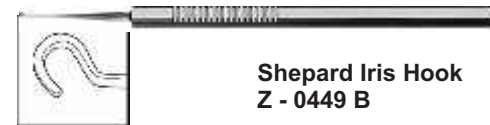
Product Description:
0.2mm hook with straight shaft and flat serrated handle. Used to mark the visual axis and reopen RK incisions. Overall length: 118mm, 4.6 inches.

Hooks - Iris IOL



Reverse Sinskey Hook
Z - 3019

Product Description:
Used to begin the dissection of Descemet's membrane.



Shepard Iris Hook
Z - 0449 B

Product Description:
Curved 1.0mm hook. Flat serrated handle. Overall length: 123mm, 4.8 inches.



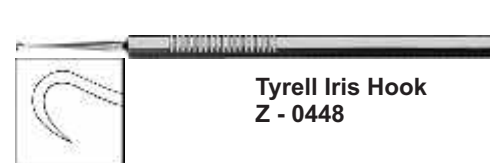
Sinskey Hook II
Z - 6-150

Product Description:
0.18mm diameter angled tip, 10mm angled shaft. Used to mark the visual axis. Round knurled handle. Overall length: 119mm, 4.7 inches.



Sinskey Hook II
ZT - 1111

Product Description:
0.18mm diameter angled tip, 10mm angled shaft. Used to mark the visual axis.



Tyrell Iris Hook
Z - 0448

Product Description:
Sharp, 2.0mm hook. Flat serrated handle. Overall length: 122mm, 4.8 inches.

Other Eye Instruments



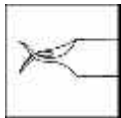
**ZABBY'S Double Fixation Hook
Z - 0432**

Product Description:
Flat serrated handle. Overall length: 128mm, 5.0 inches.
Spread between curved tips: 1.5 mm.



**ZABBY'S Double Fixation Hook
Z - 0433**

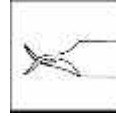
Product Description:
Flat serrated handle. Overall length: 128mm, 5.0 inches.
Spread between curved tips: 2.0mm.



**ZABBY'S Twist Fixation Hook
Z - 0443 S**

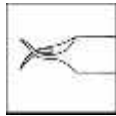
Product Description:
Right, clockwise twist hook. Round knurled handle. Overall
length: 110mm, 4.3 inches. Twist hook: 0.3mm (Small).

Hook Fixation



**ZABBY'S Twist Fixation Hook
Z - 0444 S**

Product Description:
Left, counter-clockwise twist hook. Round knurled handle.
Overall length: 110mm, 4.3 inches. Twist hook: 0.5mm (Large)



**ZABBY'S Twist Fixation Hook
Z - 0443 L**

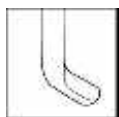
Product Description:
Flat serrated handle. Overall length: 128mm, 5.0 inches.
Spread between curved tips: 2.0mm.

Other Eye Instruments



**Culler Rectus Muscle Hook
Z - 0480**

Product Description:
7mm flattened hook. Flat serrated handle. Overall length:
125mm, 4.9 inches.



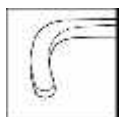
**Culler Rectus Muscle Hook
Z - 0482**

Product Description:
10mm flattened hook with angled tip. Flat serrated handle.
Overall length: 122mm, 4.8 inches.



**Gass Retinal Detachment Hook
Z - 4891**

Product Description:
Flattened 13mm "Graefe type" hook, with 1.5mm oval hole. Flat
serrated handle. Overall length: 143mm, 5.6 inches.



**Graefe Strabismus Hook
Z - 0491**

Product Description:
Flattened hook. Flat serrated handle. Choose from three sizes.
Hook: #1 Size 8mm. Overall length: 135mm, 5.3 inches.

Hooks Muscle



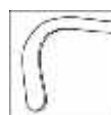
**Graefe Strabismus Hook
Z - 0492**

Product Description:
Flattened hook. Flat serrated handle. Choose from three sizes.
Hook: #2 Size 9mm. Overall length: 140mm, 5.5 inches.



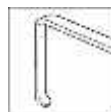
**Graefe Strabismus Hook
Z - 0493**

Product Description:
Flattened hook. Flat serrated handle. Choose from three sizes.
Hook: #3 Size 10mm. Overall length: 143mm, 5.7 inches.



**Graefe Strabismus Hook -
Non-Magnetic
Z - 6654**

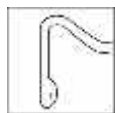
Product Description:
#2 size 10mm hook. Flat serrated handle. Overall length:
139mm, 5.5 inches.



**Green Strabismus Hook
Z - 0488**

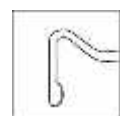
Product Description:
Flat 7mm wide hook. Flat serrated handle. Overall length:
130mm, 5.1 inches.

Other Eye Instruments



Jameson Muscle Hook
Z - 0486

Product Description:
2.0mm bulbous tip with 6mm flat portion. Flat serrated handle .
Overall length: 136mm, 5.4 inches.



Jameson Muscle Hook -Small
Z - 0486 S

Product Description:
Small bulbous tip with flat sides. Flat serrated handle. Overall length: 132mm, 5.1 inches



Johnson Muscle Hook
Z - 0497

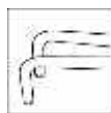
Product Description:
This muscle hook features a squeeze handle designed to spread the muscle from the globe during muscle procedures. The rounded tip is curved at a 90 angle with a flat inner surface. Tip length: 10mm. Overall length: 100mm, 3.9 inches.



ZABBY'S Muscle Hook
Z - 0475

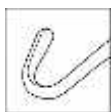
Product Description:
This device allows for quick and easy insertion of sutures during ophthalmic surgical procedures. The "Quick Hook" has an angled groove through which a suture may be passed into the eyelet during the loading procedure. The geometry of the groove prevents the suture from falling out unintentionally.

Hooks Muscle



Manson Double Ended Strabismus Hook
Z - 0498

Product Description:
3mm forked angled blades. Blade spread 7mm. Flat serrated handle. Overall length: 123mm, 4.8 inches.



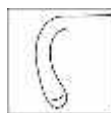
Scobee Oblique Muscle Hook
Z - 0464

Product Description:
Curved shaft with flat 4.5mm hook. Flat serrated handle. Overall length: 134mm, 5.3 inches.



Smith Expressor Hook
Z - 0504

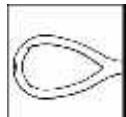
Product Description:
11.5mm curved hook. Flat serrated handle. Overall length: 150mm, 5.9 inches.



Stevens Curved Tenotomy Hook
Z - 0500

Product Description:
6mm curved hook. Flat serrated handle. Overall length: 119mm, 4.7 inches

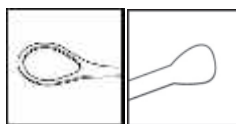
Other Eye Instruments



**Dews-Knolle Reverse Irrigating
Vectus**
Z - 0533

Product Description:

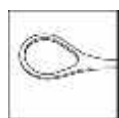
23 gauge thin wall shaft with 6mm wide by 9mm long loop. Three irrigating ports at 12, 10, and 2 o'clock. Overall length: tip to hub 38mm, 1.5 inches.



Gills-Welsh Lens Loop with Olive Tip
Z - 0549

Product Description:

5mm wide x 7mm long ultra thin loop. Olive tip on opposite end. Flat serrated handle. Overall length: 121mm, 4.8 inches.

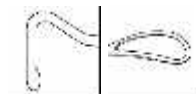


Gills-Welsh Modified Lens Loop
Z - 0548 GW

Product Description:

6mm wide x 7mm long ultra thin loop. Flat serrated handle. Overall length: 135mm, 5.3 inches.

Lens Vectus Spoons Dividers



**Kirby Expressor Hook and Loop -
Double Ended**
Z - 1138

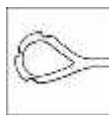
Product Description:



Kirby Intra-Capsular Lens Loop
Z - 1116

Product Description:

5mm wide x 10mm long loop. Round knurled handle. Overall length: 138mm, 5.4 inches.

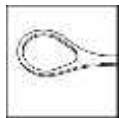


Knolle-Pearce Irrigating Lens Loop
Z - 0531

Product Description:

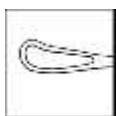
23 gauge thin wall shaft with 6mm wide by 9mm long loop. Three irrigating ports at 12, 10, and 2 o'clock. Overall length: tip to hub 38mm, 1.5 inches.

Other Eye Instruments



Lewis Lens Loop
Z - 0548

Product Description:
6mm wide x 7mm long loop. Flat serrated handle. Overall length: 135mm, 5.3 inches.



New Orleans Eye and Ear Lens Loop
Z - 0564

Product Description:
5mm wide x 10mm long oval loop. Flat serrated handle. Overall length: 142mm, 5.6 inches.



Sheets Irrigating Vectus
Z - 0515

Product Description:
21 gauge thin wall shaft with 6mm wide by 9mm long loop. Three irrigating ports at 12, 9, and 3 o'clock. Serrations on top of vectus. Overall length: tip to hub 34mm, 1.3 inches.

Lens Vectus Spoons Dividers



Simcoe Nucleus Loop - Double Ended
Z - 0550

Product Description:
4mm wide x 20mm long left and right loops with serrations on top of loop. Round knurled handle. Overall length: 140mm, 5.5 inches.



Wilder Lens Loop
Z - 0544

Product Description:
4mm wide x 15mm long loop with serrations on top of loop. Flat serrated handle. Overall length: 135mm, 5.3 inches

Other Eye Instruments



Carter Sphere Introducer and Holder
Z - 5552

Product Description:
Designed to insert eye spheres using spring loaded plunger. Polished finish. Overall length: 125mm, 4.9 inches.

Implants



Acrylic / Silicone Eye Sphere
12mm TO 22mm
Z- 5517

Product Description:
Autoclavable, and without conformer.

Other Eye Instruments



Conway Lid Retractor
Z - 0885

Product Description:
7.5mm wide retractor blade. Flat serrated handle. Overall length: 135mm, 5.3 inches.



Desmarres Lid Retractor - Size 0
Z - 0880

Product Description:
Flat serrated handle with polished finish. Size: 0 -11mm wide retractor blade. Overall length: 140mm, 5.5 inches.



Desmarres Lid Retractor - Size 1
Z - 0881

Product Description:
Flat serrated handle. Size: 1 -13mm wide retractor blade. Overall length: 137mm, 5.4 inches.



Desmarres Lid Retractor - Size 2
Z - 0882

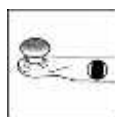
Product Description:
Flat serrated handle. Size: 2 -15mm wide retractor blade. Overall length: 137mm, 5.4 inches.:

Retractors



Desmarres Lid Retractor - Size 3
Z - 0883

Product Description:
Flat serrated handle. Size: 3 - 17mm wide retractor blade. Overall length: 145mm, 5.7 inches



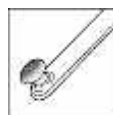
Graether Collar Button
Z - 0466

Product Description:
Designed for iris retraction and capsule polishing with roughened posterior surface. 23 gauge cannula, straight shaft. Overall cannula length 25mm, 0.9 inches.



Graether Collar Button - Angled
Z - 0466 A

Product Description:
Designed for iris retraction and capsule polishing with roughened posterior surface. 23 gauge cannula angled 45 degrees, 10mm from tip to bend. Overall cannula length 23mm, 0.9 inches.



Graether Collar Button - Angled, On Handle
Z - 0466 SA

Product Description:
Designed for iris retraction and capsule polishing with roughened posterior surface. Angled 45 degree shaft, 10mm from tip to bend. Round knurled handle. Overall length: 120mm, 4.7 inches.

Other Eye Instruments



Graether Collar Button - On Handle
Z - 0466 S

Product Description:

Designed for iris retraction and capsule polishing with roughened posterior surface. Straight shaft. Round knurled handle. Overall length: 120mm, 4.7 inches.



Jaffe Lid Retractor
Z - 0897

Product Description:

One pair. 15mm wide curved retractor blades. Overall length: 53mm, 2.0 inches.



ZABBY'S Iris Retractor - 5/pack
Z - 0650 NS

Product Description:

The retractors are supplied five per package



Newell Lid Retractor
Z - 0899

Product Description:

One pair. 14mm wide retractor blades. Overall length: 18mm, 0.7 inches.

Retractors



Schepens Forked Retractor
Z - 5281 25

Product Description:

Forked spatula designed to retract the eye during retinal or orbital surgery for improved visibility of orbital structures. Smooth 12mm x 40mm blade with 3.0mm wide notch in blade. Overall length: 140mm, 5.5 inches.



Schepens Orbital Retractor
Z - 4908

Product Description:

Smooth 14mm by 56mm blade with 4.5mm wide notch in blade. Flat serrated handle. Overall length: 148mm, 5.8 inches.



ZABBY'S Double Ended
Orbital Retractor-Elevator
Z - 3605

Product Description:

Thin ribbon retractor with a gentle "S" curve. Double ended 16mm wide and 25mm wide ends. Overall length: 182mm, 7.2 inches.



ZABBY'S Orbital Retractor-Elevator
Z - 3606

Product Description:

Thin ribbon retractor with a gentle "S" curve. Double ended 10mm wide and 14mm wide ends. Overall length: 180mm, 7.1 inches.

Other Eye Instruments



Berke-Jaeger Lid Plate
Z - 0969

Product Description:
Curved over length and width. 20mm and 23mm wide blades.
Overall length: 109mm, 4.3 inches.



Coleman Retractor
Z - 4672

Product Description:
Sharp. 7mm wide. Overall length 130mm, 5.1 inches.



Khan-Jaeger Lid Plate
Z - 0969 S

Product Description:
This popular style lid plate has been resized and re-curved for transconjunctival blepharoplasty and is sandblasted to provide a non-reflective surface. 20mm and 23mm wide blades. Overall length: 10.9cm, 4.3 inches..



Orbital Elevator-Retractor
Z - 3605

Product Description:
Double ended. Thin ribbon retractor. Gentle "S" curve. 16mm wide and 2.5mm wide ends. Overall length 182mm, 7.2 inches

Retractors



Blair Retractor
Z - 4670

Product Description:
Sharp, 7mm wide. Overall length: 135mm, 5.3 inches.



Jaeger Lid Plate
Z - 0964

Product Description:
20mm x 35mm and 24mm x 35mm curved ends. Clear lucite.
Overall length: 93mm, 3.7 inches.



Knapp Lacrimal Sac Retractor - 135mm
Z - 4438

Product Description:
Blunt 4mm by 8mm wide four prong tip. Flat serrated handle.
Overall length: 135mm, 5.3 inches.



Orbital Elevator-Retractor
Z - 3606

Product Description:

Other Eye Instruments

Retractors



Silkiss Transcaruncular Retractor Large
Z - 4446

Product Description:

The smooth five pronged retractor attached to a shield-like elongated neck of this instrument is designed for the small, tight spaces associated with transcaruncular orbital surgery. This modification has a longer neck, allowing for retraction of thicker tissue or into a deeper space. It provides excellent exposure of the medial wall of the orbit while protecting and retracting the lacrimal sac and canalicular system, as well as offers optimal visualization of the lamina paprycea and ethmoidal air cells.



Silkiss Transcaruncular Retractor Small
Z - 4445

Product Description:

The smooth four pronged retractor attached to a shield-like elongated neck of this instrument is designed for the small, tight spaces associated with transcaruncular orbital surgery. It provides excellent exposure of the medial wall of the orbit while protecting and retracting the lacrimal sac and canalicular system, as well as offers optimal visualization of the lamina paprycea and ethmoidal air cells.



Agricola Lacrimal Sac Retractor
Z - 4414

Product Description:

3mm curved semi sharp prongs. Spring loaded with finger grips and screw lock. Blade spread: 32mm. Overall length: 41mm, 1.6 inches.



Stevenson Lacrimal Sac Retractor
Z - 4400

Product Description:

Curved 3mm teeth. Blade spread :20mm. Overall length: 85mm, 3.3 inches

Other Eye Instruments



**Algerbrush Rust Ring
Remover 0.5mm
Z - 0715 A**

Product Description:



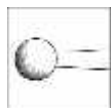
**Algerbrush Rust Ring
Remover 1.0mm
Z - 0715 B**

Product Description:
Battery operated single speed motorized handpiece, tip cover,
supplied with 1.0 mm tungsten burr and one battery size "AA".
Overall length: 105mm, 4.1 inches.



**Davis Foreign Body Spud
Z - 0754**

Product Description:
Straight sharp round blade. Flat serrated handle . Overall
length: 125mm, 4.9 inches.



**Diamond Burr - Round
Z - 0714 N**

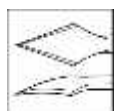
Product Description:

Rust Ring Removers, Spuds



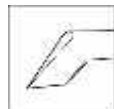
**Ellis Foreign Body Spud
Z - 0746**

Product Description:
Small curved rounded blade. Flat serrated handle. Overall
length: 117mm, 4.6 inches.



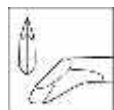
**Foreign Body Spud
Z - 0772**

Product Description:
Lance shaped gently curved tip. Flat serrated handle. Overall
length: 120mm, 4.7 inches.



**Francis Spud
Z - 0750**

Product Description:
Flag shaped sharp tip. Flat serrated handle. Overall length:
120mm, 4.7 inches.



**Golf Club Spud
Z - 0740**

Product Description:
Small golf club shape tip with sharp edge. Flat serrated handle .
Overall length: 119mm, 4.7 inches.

Other Eye Instruments



**Handle for Corneal Burrs
Z - 0724 B**

Product Description:

Handle will hold Z - 0724 A replacement burrs and Z - 0713 Pterygium diamond burrs. Round knurled handle. Overall length: 94mm, 3.7 inches.



**Needle and Gouge Spud Set
Z - 0728**

Product Description:

Threaded ends permit guarding the needle and gouge within the handle. Overall length: with one tip exposed and one tip guarded 131mm, 5.2 inches. See following entries for more detailed descriptions.



**Pterygium Burr Medium Diamond
Z - 0716 C**

Product Description:

Medium diamond burr that will fit into the battery-operated pterygium handpiece.



**Pterygium Diamond Burr
Z - 0713**

Product Description:

5.5mm disk shape burr. Diamond coated tip. Use with Z - 0724 B handle. Overall length: 44mm, 1.7 inches.

Rust Ring Removers, Spuds



**Replacement Burr/Chuck 0.5mm
Z - 0715 0.5**

Product Description:

0.5mm replacement burr for Algerbrush rust ring remover (Z - 0715 A). Burr can also be used with Algerbrush rust ring remover (Z - 0715 B). Overall length: 22mm, 0.9 inches



**Replacement Burr/Chuck 1.0mm
Z - 0715 1.0**

Product Description:

1.0mm replacement burr for Algerbrush rust ring remover (Z - 0715 B). Burr can also be used with Algerbrush rust ring remover (Z - 0715 A). Overall length: 22mm, 0.9 inches.



**Replacement Gouge Tip
Z - 0728 B**

Product Description:



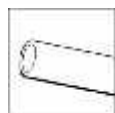
**Replacement Handle
Z - 0728 C**

Product Description:

For use with Z - 0728 A needle tip and Z - 0728 B gouge tip. Round knurled handle with threaded ended for tips. Overall length: 90mm, 3.5 inches.

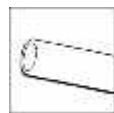
Other Eye Instruments

Single-Use



**Anterior Chamber Needle 20
Gauge 5/Box
Z - 7001**

Product Description:
20 gauge. Angled. 7mm angled tip. Overall length excluding
hub: 23mm. 5/Box.



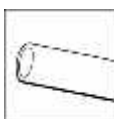
**Anterior Chamber Needle
27 Gauge 5/Box
Z - 7006**

Product Description:
27 gauge. 5mm from bend to tip. Overall length excluding hub:
22mm. 5/Box.



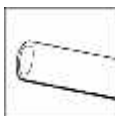
**Anterior Chamber Needle
23 Gauge 5/Box
Z - 7002**

Product Description:
23 gauge. Angled. 7mm angled tip. Overall length excluding
hub: 23mm. 5/Box.



**Anterior Chamber Needle
30 Gauge 5/Box
Z - 7005**

Product Description:
30 gauge. Angled. 5mm angled tip. Overall length excluding
hub: 20mm. 5/Box.



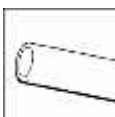
**Anterior Chamber Needle
25 Gauge 5/Box
Z - 7003**

Product Description:
25 gauge. Angled. 9mm angled tip. Overall length excluding
hub: 19mm. 5/Box.



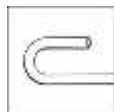
**Cystotome Curved,
Twisted Tip, 27 Gauge 5/Box
Z - 7025 C**

Product Description:
Twisted tip places cutting edge in line with cannula shaft for
vertical cuts during capsulotomies. Overall length excluding
hub: 14mm. 5/Box.



**Anterior Chamber Needle
27 Gauge 5/Box
Z - 7004**

Product Description:
27 gauge. Angled. 5mm angled tip. Overall length excluding
hub: 20mm. 5/Box.



**Hydrodissection Cannula
25 Gauge-Straight 5/Box
Z - 7054 S**

Product Description:
Hydrodissection/Aspiration Cannula, 25 gauge. Straight with
U-Tip. U-shaped tip allows aspiration and irrigation at the 12
o'clock position. Overall length excluding hub: 18mm. 5/Box

Other Eye Instruments

Single-Use



Irrigating Capsulorhexis Cystotome
25 Gauge 5/Box
Z - 7018

Product Description:
Formed blunt tip. Overall length excluding hub: 22mm. 5/Box



Irrigating Cystotome Formed,
27 Gauge 5/Box
Z - 7015

Product Description:
Short 8mm. Curved tip. Overall length excluding hub: 14mm 5/Box



Irrigating Capsulorhexis Cystotome
27 Gauge 5/Box
Z - 7017

Product Description:
Formed Angled tip. Overall length excluding hub: 16mm. 5/Box



Irrigating Cystotome, Formed
25 Gauge, 5/box
Z - 7013

Product Description:
Formed irrigating cystotome, 25 gauge, with 12mm curved tip.
Overall length excluding hub: 14mm. Disposable, 5/box



Irrigating Cystotome Formed,
25 Gauge 5/Box
Z - 7014

Product Description:
Short 8mm. Curved tip. Overall length excluding hub: 14mm 5/Box



Irrigating Cystotome, Straight
25 Gauge 5/Box
Z - 7023

Product Description:
Overall length excluding hub: 15mm. 5/Box



Irrigating Cystotome Formed,
23 Gauge 5/Box
Z - 7012

Product Description:
12mm curved tip. Overall length excluding hub: 14mm 5/Box



ZABBY'S EDGE Blade Tip Handle
Z - 7490

Product Description:
Handle designed to hold all ZABBY'S EDGE blade tips with threads.

Other Eye Instruments

Single-Use



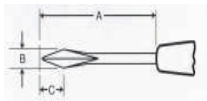
**ZABBY'S EDGE 1.4mm Slit Knife
Angled Bevel Up 6/Box
Z - 7498**

Product Description:
Blade: Slit. Angled. Bevel Up. Width: 1.4mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box.



**ZABBY'S EDGE 1.5mm Slit Knife
Angled Bevel Up 6/Box
Z - 7497**

Product Description:
Blade: Slit. Angled. Bevel Up. Width: 1.5mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box.



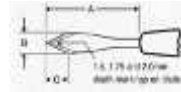
**ZABBY'S EDGE Arrow Knife - 0.8mm
Z - 7493**

Product Description:
6 per box. 0.8mm angled (Sub 2mm). Full Handle. A=17.6mm, B=0.8mm, C=1.7mm.



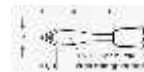
**ZABBY'S EDGE Arrow Knife - 1.1mm
Z - 7492**

Product Description:
6 per box. 1.1mm angled (Sub 2mm). Full handle. A=17.6mm, B=1.1mm, C=2.0mm.



**ZABBY'S EDGE Clear Corneal
Knife - 1.3mm
Z - 7494**

Product Description:
6 per box. 1.3mm angled double bevel (Sub 2mm). Full handle. A=12.6mm, B=1.3mm, C=1.3mm.



**ZABBY'S EDGE Clear Corneal
Knife - 1.6mm
Z - 7495**

Product Description:
6 per box. 1.6mm angled double bevel (Sub 2mm). Full handle. A=12.6mm, B=1.6mm, C=1.8mm.



**ZABBY'S EDGE Clear Corneal
Knife - 2.75mm
Z - 7427**

Product Description:
6 per box. 2.75mm angled double bevel. Full handle. A=14.4mm, B=2.75mm, C=3.05mm.

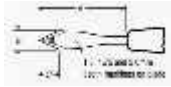


**ZABBY'S EDGE Clear Corneal
Knife - 2.85mm
Z - 7428**

Product Description:
6 per box. 2.85mm angled double bevel. Full handle. A=14.4mm, B=2.85mm, C=3.05mm.

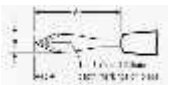
Other Eye Instruments

Single-Use



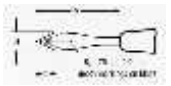
ZABBY'S EDGE Clear Corneal Knife - 2.9mm
Z - 7487A

Product Description:
6 per box. 2.9mm angled double bevel. Full handle. A=14.4mm, B=2.9mm, C=3.1mm.



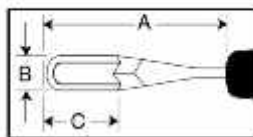
ZABBY'S EDGE Clear Corneal Knife - 3.0mm
Z - 7429

Product Description:
6 per box. 3.0mm angled double bevel. Full handle. A=14.4mm, B=3.0mm, C=3.18mm.



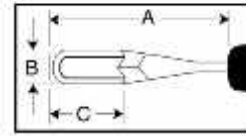
ZABBY'S EDGE Clear Corneal Knife - 3.2mm
Z - 7432

Product Description:
6 per box. 3.2mm angled double bevel. Full handle. A=14.4mm, B=3.2mm, C=3.56mm.



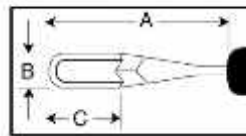
ZABBY'S EDGE Crescent Blade Tip Angled Bevel Up 6/Box
Z - 7410AT

Product Description:
Blade: Angled. Bevel Up. Blade tip. Consistent sharpness. Non-reflective surface improves visibility by reducing microscopic glare. Screw in blade tip. Packaged sterile. 6 per box. A=12.7mm B=2.0mm C=3.8mm



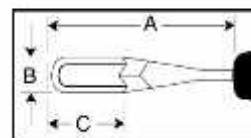
ZABBY'S EDGE Crescent-Type Knife - Angled Bevel up
Z - 7410

Product Description:
Blade: Angled. Bevel Up. Consistent sharpness. Non-reflective surface improves visibility reducing microscopic glare. Full handle. Packaged sterile. 6 per box. A=12.7mm B=2.0mm C=3.8mm



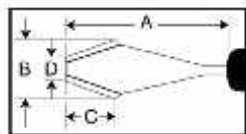
ZABBY'S EDGE Crescent-Type Knife - Angled, Bevel down
Z - 7410D

Product Description:
Blade: Angled. Bevel Down. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. A=12.7mm B=2.0mm C=3.8mm



ZABBY'S EDGE Crescent-Type Knife- Straight
Z - 7400

Product Description:
Blade: Straight crescent. Consistent sharpness every time. Non-reflective surface improves visibility throughout the procedure by reducing microscopic light source glare. Full handles. Packaged sterile. 6 per box. A=12.7mm B=2.0mm C=3.8mm

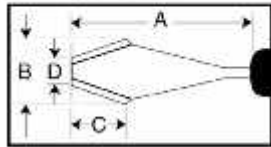


ZABBY'S EDGE Implant Knife - 4.0mm
Z - 7460A

Product Description:
Blade: Angled. Implant. Bevel Up. Width: 4.0mm. Consistent sharpness. Non-reflective surface throughout the procedure by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=15.2mm B=4.0mm C=3.0mm D=1.6mm

Other Eye Instruments

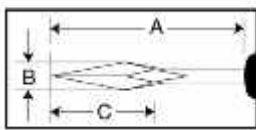
Single-Use



**ZABBY'S EDGE Implant
Knife - 5.2mm
Z - 7461A**

Product Description:

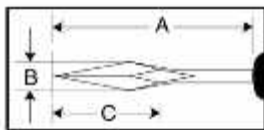
Blade: Angled. Implant. Bevel Up. Width: 5.2mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=16.5mm B=5.2mm C=4.2mm D=1.6mm



**ZABBY'S EDGE MVR
Knife - 19 Gauge Blade
Z - 7419**

Product Description:

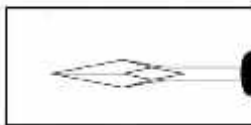
Blade: 19 gauge MVR. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. A=31.8mm B=1.45mm C=3.3mm



**ZABBY'S EDGE MVR
Knife - 20 Gauge Blade
Z - 7420**

Product Description:

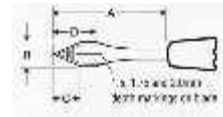
Blade: 20 gauge MVR. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=31.8mm B=1.18mm C=2.7mm



**ZABBY'S EDGE MVR
Knife - 25 Gauge Blade
Z - 7425**

Product Description:

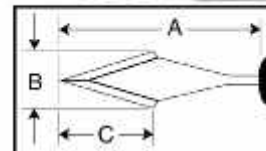
Blade: 20 gauge MVR. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box.



**ZABBY'S EDGE Parallel Side
Knife - 2.75mm
Z - 7475**

Product Description:

6 per box. 2.75mm angled double bevel. Full handle. A=14.4mm, B=2.75mm, C=3.1mm, D=4.75mm.



**ZABBY'S EDGE Slit Blade Tip
Angled 2.65mm 6/Box
Z - 7451AT**

Product Description:

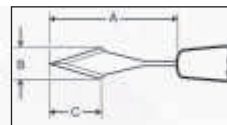
Blade: Angled. Bevel Up. Width: 2.65mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. A=14.4mm B=2.65mm C=3.7mm



**ZABBY'S EDGE Slit
Knife - 2.5mm
Z - 7450A**

Product Description:

Blade: Slit. Angled. Bevel Up. Width: 2.5mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=2.5mm C=3.7mm



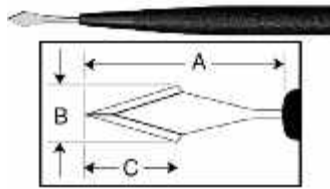
**ZABBY'S EDGE Slit
Knife - 2.75mm angled bevel up
Z - 7459 A**

Product Description:

6 per box. 2.75mm angled bevel up. Full handle. A=14.1mm, B=2.75mm, C=3.3mm.

Other Eye Instruments

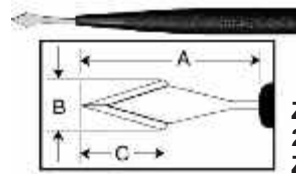
Single-Use



ZABBY'S EDGE Slit Knife - 3.0mm
Z - 7456A

Product Description:

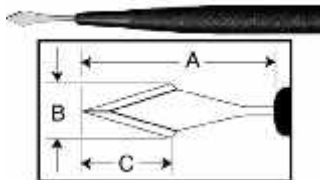
Blade: Slit. Angled. Bevel Up. Width: 3.0mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=3.0mm C=3.7mm



ZABBY'S EDGE Slit Knife Angled 2.85mm 6/Box
Z - 7453A

Product Description:

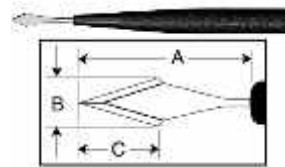
Blade: Slit. Angled. Bevel Up. Width: 2.85mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=2.8mm C=3.7mm



ZABBY'S EDGE Slit Knife - 3.2mm
Z - 7457A

Product Description:

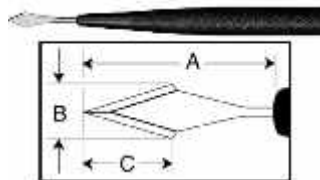
Blade: Slit. Angled. Bevel Up. Width: 3.2mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=3.2mm C=3.7mm



ZABBY'S EDGE Slit Knife Angled Double Bevel 2.8mm 6/Box
Z - 7452ADB

Product Description:

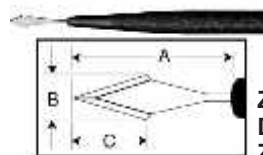
Blade: Slit. Angled. Double Bevel. Width: 2.8mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. B=2.8mm



ZABBY'S EDGE Slit Knife - Straight, 3.2mm
Z - 7457

Product Description:

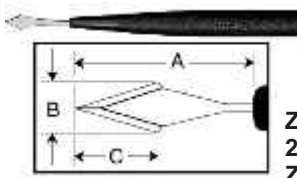
Blade: Slit. Straight. Width: 3.2mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=3.2mm C=3.7mm



ZABBY'S EDGE Slit Knife Angled Double Bevel 3.0mm 6/Box
Z - 7456ADB

Product Description:

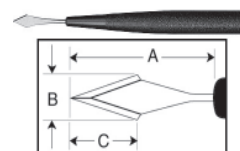
Blade: Angled. Bevel Up. Width: 2.5mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope light source glare. Full handles. Packaged sterile. 6 per box. A=14.4mm B=3.0mm C=3.7mm



ZABBY'S EDGE Slit Knife Angled 2.65mm 6/Box
Z - 7451A

Product Description:

Blade: Slit Angled. Bevel Up. Width: 2.65mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=14.4mm B=2.65mm C=3.7mm



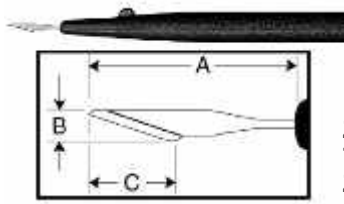
ZABBY'S EDGE Slit Knife Blade Angled Double Bevel 2.65mm 6/Box
Z - 7451ADB

Product Description:

Blade: Angled, Double Bevel. Width: 2.65mm. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. B=2.65mm

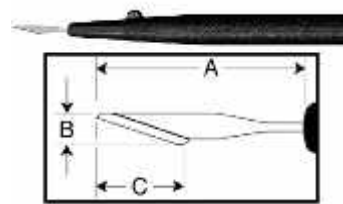
Other Eye Instruments

Single-Use



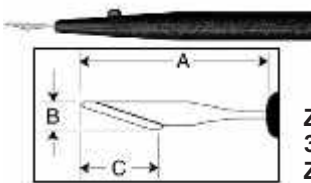
**ZABBY'S EDGE Stab Blade
Tip 15°
Z - 7415T**

Product Description:
Blade: 15 degree tip. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=11.1mm B=1.5mm C=5.7mm



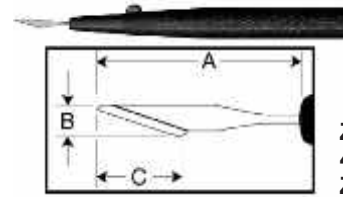
**ZABBY'S EDGE Stab Knife -
30 Degree
Z - 7430**

Product Description:
Blade: 30 degree stab. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=10.5mm B=1.9mm C=3.4mm



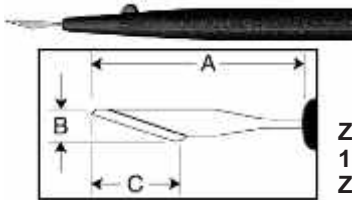
**ZABBY'S EDGE Stab Blade Tip
30° 6/Box
Z - 7430T**

Product Description:
Blade: 30 degree stab. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. A=10.5mm B=1.9mm C=3.4mm



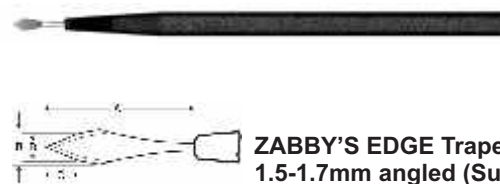
**ZABBY'S EDGE Stab Knife -
45 Degree
Z - 7445**

Product Description:
Blade: 45 degree stab. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handles. Packaged sterile. 6 per box. A=8.9mm B=1.9mm C=1.9mm



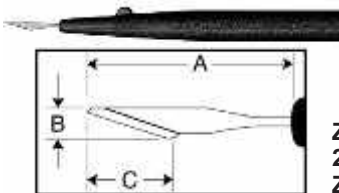
**ZABBY'S EDGE Stab Knife -
15 Degree
Z - 7415**

Product Description:
Blade: 15 degree stab. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=11.1mm B=1.5mm C=5.7mm



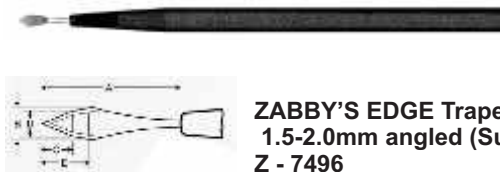
**ZABBY'S EDGE Trapezoidal Knife -
1.5-1.7mm angled (Sub 2mm)
Z - 7499**

Product Description:
This blade is designed to produce an internal incision width of 1.5mm and an external incision width of 1.7mm. Full insertion of the knife yields a 2.0mm incision. 6 per box. Full handle. A=14.4mm, B=2.0mm, C=4.5mm, D=1.5mm.



**ZABBY'S EDGE Stab Knife -
22.5 Degree
Z - 7422**

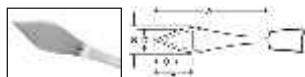
Product Description:
Blade: 22.5 degree stab. Consistent sharpness. Non-reflective surface improves visibility by reducing microscope glare. Full handle. Packaged sterile. 6 per box. A=10.7mm B=1.8mm C=4.2mm



**ZABBY'S EDGE Trapezoidal Knife -
1.5-2.0mm angled (Sub 2mm)
Z - 7496**

Product Description:
6 per box. 1.5-2.0mm angled (Sub 2mm). Full handle. A=14.4mm, B=2.0mm, C=3.4mm, D=1.5mm, E=3.43mm.

Other Eye Instruments



ZABBY'S EDGE Trapezoidal Knife - 1.6mm-1.8mm
Z - 7500

Product Description:

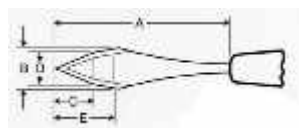
A=12.6mm, B=1.9mm, C=1.8mm, D=1.6mm, E=2.9mm.
Packaged sterile. 6 per box.



ZABBY'S EDGE Trapezoidal Knife - 2.0mm-2.2mm
Z - 7501

Product Description:

A=12.8mm, B=2.4mm, C=2.2mm, D=2.0mm, E=3.1mm.
Packaged sterile. 6 per box.



ZABBY'S EDGE Trapezoidal Knife - 2.75-3.2mm
Z - 7472

Product Description:

6 per box. 2.75-3.2mm angled bevel up. Full handle.
A=16.8mm, B=3.18mm, C=3.2mm, D=2.75mm, E=4.6mm.



ZABBY'S EDGE Trapezoidal Knife - 2.85-3.2mm
Z - 7482

Product Description:

6 per box. 2.85-3.2mm angled bevel up. Full handle.
A=16.8mm, B=3.4mm, C=3.2mm, D=2.85mm, E=4.27mm.

Single-Use



Nucleus Hydrodissection Cannula 25 Gauge 5/Box
Z - 7055

Product Description:

Nucleus Hydrodissection Cannula. 25 gauge. Angled with flattened tip. 7mm angled shaft with flattened tip for insertion under the capsular flap. Overall length excluding hub: 19mm. 5/Box



Peribulbar Needle 23 Gauge 5/Box
Z - 7032

Product Description:

Atkinson style bevel. Overall length excluding hub: 31mm. 5/Box



Peribulbar Needle 25 Gauge 5/Box
Z - 7034

Product Description:

Atkinson style bevel. Overall length excluding hub: 31mm. 5/Box



Retinal Hydrodissection Cannula 41 Gauge I.D.
Z - 7270

Product Description:

Retinal hydrodissection cannulas are used for hydrodissecting the retina for various macular hole procedures. 20 gauge shaft tapers to 41 gauge I.D. flexible tip. Packaged sterile. 5 per box.

Other Eye Instruments

Single-Use



Retrobulbar Needle 23 Gauge 5/Box
Z - 7031

Product Description:
Atkinson style bevel. Overall length excluding hub: 38mm.
5/Box



Silicone Capsule Polisher
27 Gauge 5/Box
Z - 7053

Product Description:
Silicone tip to provide squeegee effect. Overall length excluding hub: 22mm. 5/Box.



Retrobulbar Needle 25 Gauge 5/Box
Z - 7033

Product Description:
Atkinson style bevel. Overall length excluding hub: 38mm.
5/Box



Single-Use 23 Gauge
Soft Tip Cannula
ZL - 7723

Product Description:
Used for aspirating fluids off of the surface of the retina.
Prevents damage that could be caused by the use of a rigid tip.
Packaged sterile. 10/box.



Scleral Plugs
ZVS - 941

Product Description:
20 Gauge. Reusable. Block of 4 each.



Single-Use 25 Gauge Soft
Tip Cannula
ZL - 7625

Product Description:
Used for aspirating fluids off of the surface of the retina.
Prevents damage that could be caused by the use of a rigid tip.
Packaged sterile. 10/box.



Scleral Plugs
ZVS - 942

Product Description:
19 gauge. Reusable. Block of 4 each.



Stromal Puncture Cannula
25 Gauge 5/Box
Z - 7085

Product Description:
Anterior Stromal Puncture Cannula. 25 gauge. For treatment of recurrent corneal erosion. Overall length excluding hub: 24mm. 5/Box.

Other Eye Instruments



Universal Eye Shield - adult
Z - 5589 A

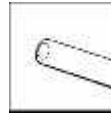
Product Description:
Adult size. Clear plastic. Accommodates either eye. Packaged 12 per box. Available in either adult or pediatric size. Non-sterile.



Universal Eye Shield - child
Z - 5589 B

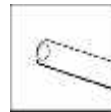
Product Description:
Child size. Clear plastic. Accommodates either eye. Packaged 12 per box. Available in either adult or pediatric size. Non-sterile.

Single-Use



Viscoelastic Cannula
23 Gauge 5/Box
Z - 7080

Product Description:
Angled. 7mm angled tip cannula with unique hub that facilitates flow of viscoelastic material. Overall length excluding hub: 23mm. 5/Box



Viscoelastic Cannula 27 Gauge 5/Box
Z - 7082

Product Description:
Angled. 7mm angled tip cannula with unique hub that facilitates flow of viscoelastic material. Overall length excluding hub: 23mm. 5/Box

Other Eye Instruments



Bunge Enucleation Spoon - 12mm
Z - 3640

Product Description:
Flat smooth handle. Spoon diameter 12mm. Overall length: 140mm, 5.5 inches.



Bunge Enucleation Spoon - 8mm
Z - 3642

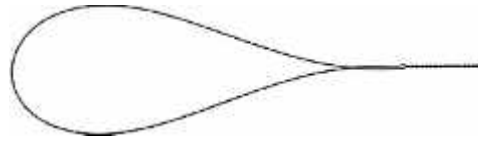
Product Description:
Flat smooth handle. Spoon diameter 8mm. Overall length: 136mm, 5.4 inches.



Foster Enucleation Snare
Z - 3570

Product Description:
Designed to be used only with the Z - 3571 Twisted Snare Wires. The wire is drawn in by turning the wing nut and the loop can be stopped at any point. Wire is held by ratchet so that the loop can be slipped down the nerve before enucleation. Overall length: 146mm, 5.6 inches. Comes with one package of Z - 3571 Twisted Snare Wires.

Snares Spoons



ZABBY'S Twisted Snare Wire
Z - 3571

Product Description:
Designed for use with Foster Enucleation Snare (Z - 3570). Package of 12 stainless steel wires. Overall length: 135mm, 5.3 inches.



Wells Enucleation Spoon
Z - 3620

Product Description:
21mm wide, curved spoon with 5mm by 10mm notch. Flat smooth handle. Overall length: 147mm, 5.8 inches.

Other Eye Instruments



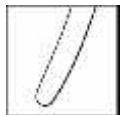
Barraquer Cyclodialysis Spatula
Z- 0384

Product Description:
0.5mm x 15mm angled round blade with smoothly pointed tip and gently curved blade. Round knurled handle. Overall length: 120mm, 4.7 inches.



Barraquer Iris Spatula
Z- 0385

Product Description:
Angled tip with gently curved blade. Short hexagonal handle . Overall length: 90mm, 3.5 inches. Tip: 0.5mm x 15mm.



Barraquer Iris Spatula
Z- 0385 .25

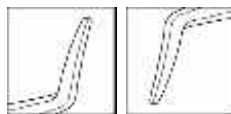
Product Description:
Angled tip with gently curved blade. Short hexagonal handle . Overall length: 90mm, 3.5 inches. Tip: 0.25mm x 15mm.



Castroviejo Cyclodialysis Spatula
ZT - 1109

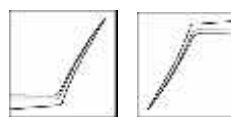
Product Description:
Spatula with 0.5 x 10mm gently curved blade.

Spatulas Picks



Castroviejo Double Ended Cyclodialysis Spatula
Z- 0389

Product Description:
Double ended with 0.5 x 10mm and 0.5 x 15mm blades. Both blades gently curved. Square serrated handle. Overall length: 138mm, 5.4 inches.



Castroviejo Double Ended Synechia Spatula
Z - 0374

Product Description:



Clayman Spatula
Z - 0381

Product Description:
0.5mm x 10mm angled blade with blunt tip. Flat smooth handle . Overall length: 128mm, 5.0 inches.



Cleasby Iris Spatula
Z - 0385 C

Product Description:
12mm angled tip with gently curved blade. Short hexagonal handle. Overall length: 90mm, 3.5 inches.

Other Eye Instruments



Cohen LASIK Relift Tool
Z - 0540

Product Description:

This double ended instrument was designed for flap relift during LASIK surgery. The sharp edge of one end is utilized for initiating the LASIK flap relift. The other end offers a spatula designed for extending the initial relift.



Culler Iris Spatula
Z - 0604

Product Description:

1mm wide by 28mm long blade. Flat serrated handle. Overall length: 128mm, 5.0 inches.



Elschnig Cyclodialysis Spatula
Z - 0388

Product Description:

11mm angled tip with gently curved blade. Flat serrated handle. Overall length: 130mm, 5.1 inches.

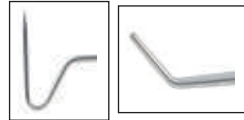


Fogla Trifacet Spatula
Z - 0379

Product Description:

The trifacet design of this instrument, with its blunt tip, permits safe introduction into the space between Descemet's membrane and the corneal stroma following the formation of the "big bubble" in DALK. The anterior stroma can then be safely incised over the sharp edge of the spatula in order to enlarge the opening without damaging Descemet's membrane. Overall length: 4.8in, 121.9mm.

Spatulas Picks



Ide LASIK Flap Lifter
Z - 0539

Product Description:

This instrument is designed to decrease friction and improve separating ability when creating, lifting and re-lifting the LASIK flap. The groove design on the spatula provides well-balanced cutting and dividing ability to reduce stress on the hinge and enhance treatment after femtosecond laser.



Iris Spatula
Z - 0600

Product Description:

2mm wide by 33mm long blade. Flat serrated handle. Overall length: 136mm, 5.4 inches.



Iris Spatula
Z - 0606

Product Description:

1mm wide by 30mm long malleable blade. Flat serrated handle. Overall length: 130mm, 5.1 inches.

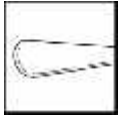


Johnson Spatula
Z - 0630

Product Description:

Ideal for bimanual phaco procedure. 0.25mm by 10mm long blade. Round knurled handle. Overall length: 105mm, 4.1 inches.

Other Eye Instruments



Kimura Spatula
Z - 0991

Product Description:
4mm wide by 17.5mm flat spatula on 34mm shaft. Flat serrated handle. Overall length: 149mm, 5.9 inches.



Knolle Lens Nucleus Spatula and Anterior Chamber Gauge
Z - 0607

Product Description:
Flat curved 1mm spatula blade 30mm long with marks at 5mm, 6mm, and 7mm from tip round knurled handle. Overall length: 126mm, 5.0 inches.



Koch Phacoemulsification Spatula
Z - 0612

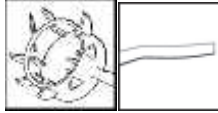
Product Description:
Duckbilled spatula designed to enter a side-port stab incision with tip broad enough to efficiently manipulate the lens nucleus in the anterior chamber. Spatula is useful for rotating and cracking the nucleus. Round knurled handle. Overall length: 117mm, 4.6 inches.



Koch Phacoemulsification Spatula - Rounded Tip w/notch
Z - 0612-II

Product Description:
Duckbilled spatula designed to enter a side-port stab incision with tip broad enough to efficiently manipulate the lens nucleus in the anterior chamber. Spatula is useful for rotating and cracking the nucleus. The Koch Phaco Spatula II has a rounded tip with notch and curved shaft which facilitates nuclear fracture and lifting of cortical material. Round knurled handle. Overall length: 117mm, 4.6 inches.

Spatulas Picks



Lindstrom LASIK Spatula and Marker
Z - 8935

Product Description:

This instrument marks the cornea for centration of the flap and provides a spatula for flap management in primary and enhancement cases. The corneal marker has a paradiagonal mark that is used to ensure proper alignment of the flap after treatment. The spatula may be used to atraumatically retract the flap and to flood it back into place following laser treatment. The chisel shaped end helps facilitate lifting the edge of the flap for enhancement procedures.



Mauernee-Barraquer Vitreous Sweep Spatula - Left
Z - 0387 M

Product Description:

10mm angled tip with indentation on side and gently curved blade. Round knurled handle. Overall length: 119mm, 4.7 inches. Indentation: Left Side.



Mauernee-Barraquer Vitreous Sweep Spatula - Right
Z - 0386 M

Product Description:

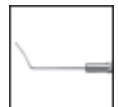
10mm angled tip with indentation on side and gently curved blade. Round knurled handle. Overall length: 119mm, 4.7 inches. Indentation: Right Side.



Nick Pick #2
Z - 3022

Product Description:

Used to aid in positioning the donor corneal tissue.

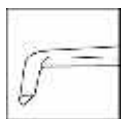


Slade Refractive Spatula
Z - 0522

Product Description:

Smooth, blunt round spatula for manipulation of the corneal flap. Ideal for placement under the flap to expose the stromal interface.

Other Eye Instruments



**Olk Angled Retinal Pick -
110 Degree
Z - 0508**

Product Description:
0.5mm angled tip. Round knurled handle. Overall length:
125mm, 4.9 inches. Tip angle: 110 degrees.



**Olk Angled Retinal Pick - 130 Degree
Z - 0516**

Product Description:
0.5mm angled tip. Round knurled handle. Overall length:
125mm, 4.9 inches. Tip angle: 130 degrees.



**Olk Angled Retinal Pick - 150 Degree
Z - 0509**

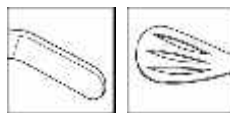
Product Description:
0.5mm angled tip. Round knurled handle. Overall length:
125mm, 4.9 inches. Tip angle: 150 degrees.



**Ousley Implant Spatula
Z - 3012**

Product Description:
Used to introduce donor stromal tissue into patient's eye during
a DLEK procedure.

Spatulas Picks



**Paton Double Ended Spatula
Z - 2946**

Product Description:
6mm wide by 15mm long thin blade with three grooves. 2mm
wide by 31mm blade with last 7mm angle tip. Flat serrated
handle. Overall length: 143mm, 5.6 inches.



**Randolph Cyclodialysis Cannula
Z - 0404**

Product Description:
19 gauge cannula. Flattened shaft 12mm from tip to bend. Tip
has opening. TIP: Flattened. Overall cannula length: 27mm, 1.1
inches.



**Randolph Cyclodialysis Cannula
Z - 0406**

Product Description:
19 gauge cannula. Flattened shaft 12mm from tip to bend. Tip
has opening. TIP: More Flattened. Overall cannula length:
26mm, 1.0 inches.



**Sinskey Nucleus Spatula
Z - 0608**

Product Description:
Used to "mash" overlooked pieces of nucleus into irrigating-
aspirating unit and to control nucleus with second hand in
phacoemulsification. 31mm long narrow spatula blade. Round
knurled handle. Overall length: 127mm, 5.0 inches.

Other Eye Instruments

Specula



**Alfonso Eye Speculum - Newborn
Z - 4012**

Product Description:
Open 5mm blades. Blade spread: 27mm. Overall length: 45mm, 1.8 inches.



**Barraquer Eye Speculum -
Solid Blade
Z - 4006 S**

Product Description:
Solid 14mm blades. Blade spread: 18mm. Dull finish. Overall length: 41mm, 1.6 inches.



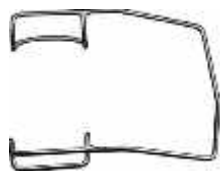
**Aspiration Tubing for Speculum
Z - 4018 T**

Product Description:
Replacement aspiration tubing for Z - 4018, Z - 4019, & Z - 3967. Packaged each.



**Barraquer Eye Speculum - Wire Blade
Z - 4006**

Product Description:



**Barraquer Eye Speculum - Heavy Wire
Z - 4006 H**

Product Description:
14mm blades of heavy 1mm wire. Blade spread: 20mm. Overall length: 40mm, 1.6 inches.



**Barraquer Pediatric Speculum -
Solid Blade
Z - 4007 PS**

Product Description:
Solid 6mm solid blade speculum for newborn or pediatric use. Overall length: 30mm, 1.2 inches.



**Barraquer Eye Speculum - Pediatric
Z - 4007**

Product Description:
Wire 11mm blades. Blade spread :19mm. Overall length: 34mm, 1.3 inches.



**Barraquer Pediatric Speculum -
Wire Blade
Z - 4007 P**

Product Description:
Closed wire 5mm blade with a wing tip twist giving the surgeon better on-axis accessibility. Overall length: 30mm, 1.2 inches.

Other Eye Instruments

Specula



Castroviejo Speculum - 15mm
Z - 3940

Product Description:
Fenestrated blades with screw-controlled spread. Blades: 15mm. Blade spread: 28mm. Overall length: 75mm, 3.0 inches



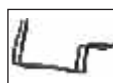
Cook Eye Speculum - Pediatric
Z - 3982

Product Description:
Pediatric model. Blades: 10mm. Blade spread: 22mm. Overall length: 55mm, 2.2 inches. Solid blades with locking mechanism. Dull finish.



Castroviejo Speculum - 16mm
Z - 3941

Product Description:
Fenestrated blades with screw-controlled spread. Blades: 16mm. Blade spread: 31mm. Overall length: 82mm, 3.2 inches.



Devgan-Lieberman Temporal Approach Lid Speculum
ZT - 3977

Product Description:
This popular lightweight lid speculum has been configured to provide excellent retraction of the lids while keeping the adjustments over the bridge of the nose which keeps the temporal region at the incision free from any obstruction by the speculum. The screw-type adjustment provides an infinitely variable degree of lid exposure and fitment for all patient types, especially those with deep orbits. The wire arms are thin in order to be unobtrusive and allow the plastic drapes to tuck into the conjunctival fornices.



Chou Adjustable Speculum
Z - 4023

Product Description:
This adjustable speculum offers open wire blades and deep lid loops to secure the blades further into the orbit. The angled shafts allow the adjustment mechanism to rest on the patients face which is beneficial for a temporal approach.



Floyd-Barraquer Eye Speculum
Z - 4008

Product Description:
Open 14mm blades with 6mm lifting wings. Blade spread: 18mm. Overall length: 40mm, 1.6 inches.



Cook Eye Speculum - Infant
Z - 3980

Product Description:
Infant model. Blades: 7mm. Blade spread: 24mm. Overall length: 52mm, 2.0 inches. Solid blades with locking mechanism.

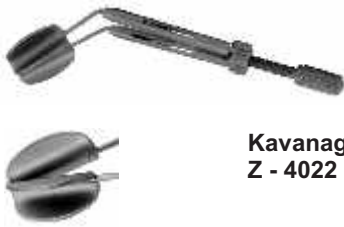


Guyton-Park Speculum
Z - 3901

Product Description:
Solid 14mm blades, suture posts, and canthus bar. Blade spread 38mm. Overall length: 86mm, 3.4 inches.

Other Eye Instruments

Specula



Kavanagh Reversible Speculum
Z - 4022

Product Description:

The arms of this adjustable speculum are angled 45 degrees to allow the speculum to be used in a temporal or traditional approach to the globe. Solid 15mm blades guard against lashes entering the field and provide excellent exposure of the anterior surface of the eye. The speculum offers a near parallel opening which allows for adequate exposure and optimal patient comfort. Positive screw adjustment system ensures secure retraction of the lids and is useful in tight lid cases.



Keizer-Lancaster Eye Speculum
Z - 3958

Product Description:

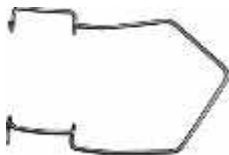
Solid 15mm blades with 8mm narrowed portion. Screw-controlled locking mechanism with stabilizing disk. Blade spread: 30mm. Overall length: 82mm, 3.2 inches.



Kratz-Barraquer Eye Speculum
Z - 4006 K

Product Description:

Open 14mm blades. Blade spread: 18mm. Overall length: 41mm, 1.6 inches.



Kratz-Barraquer Eye Speculum - Pediatric
Z - 4007 K

Product Description:

Open 10mm blades. Blade spread: 19mm. Overall length: 35mm, 1.4 inches.



Kratz-Nichamin Speculum
Z - 4006 N

Product Description:

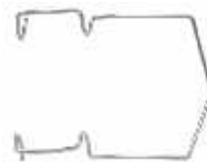
Open wire style 16mm blade with a wing tip twist giving the surgeon better on-axis accessibility. Overall length: 45mm, 1.8 inches.



Lancaster Eye Speculum
Z - 3956

Product Description:

Pediatric model. Spring-controlled spread of blades with locking mechanism. Blades: 11mm. Blade spread: 41mm. Overall length: 69mm, 2.7 inches.



Lehner Temporal Speculum
Z - 4105

Product Description:

Angled upward 45 degrees for temporal approach. Open 14mm blades. Blade spread: 18mm.



Lester-Burch Eye Speculum
Z - 3960

Product Description:

Solid 21mm blades. Screw-controlled locking mechanism. Blade spread: 32mm. Overall length: 80mm, 3.1 inches.

Other Eye Instruments

Specula



**Lieberman Open Wire Speculum
Z - 3965**

Product Description:

Adjustable wire speculum with 17mm open blades. Lid tension adjustable throughout procedure with thumb screw control. Available with shaft straight or angled 45 degrees.



**Lieberman Open Wire Speculum
Angled 45 Degree
Z - 3965 A**

Product Description:

Adjustable wire speculum with 17mm open blades. Lid tension adjustable throughout procedure with thumb screw control. Angled 45 degrees.



**Lieberman Wire Speculum Angled
ZT - 3965**

Product Description:

Adjustable wire speculum with 17mm open blades. Lid tension adjustable throughout procedure with thumb screw control. Shaft angled 45 degrees.



**Lindstrom Eye Speculum - Aspirating
Z - 3967**

Product Description:

This adjustable lid speculum is angled 45 degrees and has 17mm wire blades. It was designed to aspirate excess fluid around the eye during cataract and refractive procedures. Replacement tubing Z - 4018 T.



**Lindstrom Solid Lid Speculum
Z - 4019**

Product Description:

Adjustable lid speculum angled 45 degrees with 17mm curved solid blades and aspiration ports to remove excess fluid from around the eye during ocular procedures. Replacement tubing Z - 4018 T.



**Maloney Non-Aspirating Lid
Speculum
Z - 4013**

Product Description:

Adjustable lid speculum with 14mm blades. Miniature frame ideal for deep set eyes and small orbital structures.



**Maumene-Park Speculum
Z - 3906**

Product Description:

Fenestrated 14mm blades and canthus bar. Adjustable blade locking screws on outside of branches. Blade spread 36mm. Overall length: 80mm, 3.1 inches.



**Maumene-Park Speculum
Z - 3907**

Product Description:

Solid 14mm blades and canthus bar. Adjustable blade locking screws on outside of branches. Blade spread 36mm. Overall length: 80mm, 3.1 inches.

Other Eye Instruments

Specula



McKinney Eye Speculum
Z - 3986

Product Description:
Solid 15mm blades. Self-locking mechanism. Blade spread: 31mm. Overall length: 60mm, 2.4 inches.



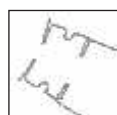
Murdoch Eye Speculum
Z - 3994

Product Description:
Fenestrated 14mm blades. Self-locking mechanism. Blade spread: 24mm. Overall length: 57mm, 2.2 inches.



McPherson Speculum
Z - 3914

Product Description:
Solid 14mm free-swinging blades, suture posts and stabilizing disk. Blade spread 30mm. Overall length: 82mm, 3.2 inches.



Netland Lid Speculum
Z - 4024

Product Description:
Notches securely hold limbal or corneal bridal sutures to optimize exposure for procedures performed from limbus to equatorial areas. Useful when requiring more exposure, especially for the glaucoma or comprehensive ophthalmologists.



Mellinger Eye Speculum
Z - 3972

Product Description:
Fenestrated 16mm blades. Self-locking mechanism. Blade spread: 27mm. Overall length: 70mm, 2.8 inches.



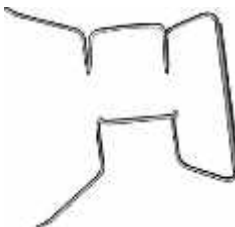
Nichamin Wire Speculum Open
Z - 3955

Product Description:



Mellinger Eye Speculum - Solid
Z - 3973

Product Description:
Solid 16mm blades. Self-locking mechanism. Blade spread: 27mm. Overall length: 70mm, 2.8 inches.



Pierse Eye Speculum
Z - 4009

Product Description:
Open 11mm blades. Blade spread: 20mm. Overall length: 30mm, 1.2 inches.

Other Eye Instruments

Specula



**Sauer Eye Speculum - Infant
Z - 4010**

Product Description:
Solid 8mm blades. Blade spread; 20mm.
Overall length: 35mm, 1.4 inches.



**Shepard Reversible Speculum
ZT - 4021**

Product Description:
Solid blade speculum designed for both temporal and superior approach ocular surgery. Adjustable with thumb screw.



**Saunders Eye Speculum -
Premature Infant
Z - 4011**

Product Description:
Solid 4mm blades. Locking thumb screw. Blade spread: 14mm.
Holes in bar decrease weight of speculum. Overall length: 35mm, 1.4 inches.



**Simcoe Eye Speculum
Z - 4008 S**

Product Description:
Open 14mm blades with 10mm lifting wings. Lightweight wire.
Blade spread: 18mm. Overall length: 40mm, 1.6 inches.



**Seibel 3-D Lid Speculum
Z - 3954 R**

Product Description:
Swivel-locking screw mechanism rotates up for ease of adjustment and rotates out of the way during surgery. Solid blades contour to the surface of the eye during phacoemulsification or microkeratome suction ring placement. Unique pivot axis allows blades to gently support lids through an anatomically correct arc of motion.



**Temporal Approach Lid Speculum -
Open Blade
Z - 4006 KT**

Product Description:
Angled for temporal approach. Open 14mm rounded blades for patient comfort. Blade spread: 18mm. Overall length: 41mm, 1.6 inches.



**Seibel 3-D Lid Speculum
Ribbon Blade Compact
Z - 3975 R C**

Product Description:
Swivel-locking screw mechanism rotates up for ease of adjustment and rotates out of the way during surgery. Ribbon blades contour to the surface of the eye during phacoemulsification or microkeratome suction ring placement. Unique pivot axis allows blades to gently support lids through an anatomically correct arc of motion. Blade configuration is designed for smaller deep-set eyes.



**Temporal Approach Lid Speculum -
Solid Blade
Z - 4006 ST**

Product Description:
Angled for temporal approach. Solid 14mm blades. Blade spread: 18mm. Overall length: 41mm, 1.6 inches.

Other Eye Instruments

Specula



**Temporal Approach Lid Speculum -
Wire Blade**
Z - 4006 T

Product Description:

Angled for temporal approach. Wire 14mm rounded blades for patient comfort. Blade spread: 18mm. Overall length: 38mm, 1.5 inches.



Wiener Eye Speculum
Z - 4000

Product Description:

Fenestrated 14mm blades. Wide extension of blade for protection of lids. Self-locking mechanism. Blade spread: 23mm. Overall length: 55mm, 2.2 inches.



Williams Eye Speculum - 11mm
Z - 3951

Product Description:

Pediatric model. Spring-controlled spread of blades with locking mechanism. Blades: 11mm. Blade spread: 41mm. Overall length: 69mm, 2.7 inches.



Williams Eye Speculum - 14mm
Z - 3950

Product Description:

Adult model. Spring-controlled spread of blades with locking mechanism. Blades: 14mm. Blade spread: 52mm. Overall length: 86mm, 3.4 inches.

Other Eye Instruments



**Base Plug
Z - 2997 BP**

Product Description:

For Universal Trephine Handle with Cottingham Punch (Z - 2997) and Cottingham Punch with Universal Blade Holder (Z - 2998). 14mm in diameter, 8mm height.



**Brightbill Corneal Cutting Block
Z - 2967**

Product Description:

Incorporates three wells of various sizes with red 8mm centering dot: Small, 15mm diameter; Medium, 16.5mm diameter; Large, 18.0mm diameter. Wells on each side for added instrument life. Size 52 x 52 x 19mm, 2 x 2 x 0.75 inches.



**Cutting Blocks for Iowa Press
Z - 2954 B**

Product Description:

Special cutting blocks designed for use with the Z - 2954 Iowa P.K. Press Punch.



**Iowa P.K. Press Punch
Z - 2954**

Product Description:

Designed for precise punching of the donor corneal button. Blade holder is designed for use with the Z - 2950 series disposable trephine blades. Recessed base assures that the block is held centrally under the trephine blade. Supplied with two cutting blocks (Z - 2954 B).

Trephines Punches



**Kaufmann Corneal Cutting Block
Z - 2966**

Product Description:

Teflon block with metal cover. Supplied with two replaceable base plugs (Z - 2968). Overall height 45mm, 1.8 inches.



**Kelly Decemet Membrane Punch
Z - 2698**

Product Description:

Designed to produce a clean 0.75mm round hole without tissue tags. Serrated squeeze action handle. Overall length: 130mm, 5.1 inches.



**Plug Base Extra for Z - 2966
Z - 2968**

Product Description:

Plug replacement for Z - 2966.



**Southern Eye Bank of
New Orleans Cutting Block
Z - 2972**

Product Description:

Teflon block with two wells on each side. Size 41 x 28 x 19mm, 1.6 x 1.1 x 0.75 inches.

Other Eye Instruments



**Disposable Trephine Blades -
6.00mm TO 9.50mm
Z - 2996**

Product Description:

Designed for use with: - Z - 2994 Series Castroviejo Corneal Transplant Trephine - Z - 2995 Universal Trephine Handle - Z - 2997 Universal Trephine Handle with Cottingham Punch. Overall length: 9mm, 0.4 inches. Available in .25mm increment sizes from 6.00mm to 9.50mm. When ordering, please specify size (example Z - 2996 6.00).



**Universal Trephine Handle
Z - 2995**

Product Description:

Round knurled handle with adjustable finger-like tips that rest in the grooved disposable trephine blades. Used with Z - 2996 Series Disposable Trephine Blades. Polished finish. Overall length: 49mm, 1.9 inches.



**Universal Trephine Handle with
Cottingham Punch
Z - 2997**

Product Description:

Metal punch with universal style handle. Uses Z - 2996 Series Corneal Transplant Trephine Blades. Supplied with two replaceable base plugs. Overall length: 60mm, 2.4 inches



**Universal Handle for Blades
Z - 2950 H**

Product Description:

Designed for use with the Z - 2950 series Tanne Disposable Trephine Blades. Overall length: 60mm, 2.4 inches.

Trephines Punches



**Disposable Trephine Blades -
Long - 7.00mm TO 9.50mm
Z - 2996L**

Product Description:

Freehand trephine blade. Overall length: 15mm, 0.6 inches.



**Tanne Univ Disposable Trephine
Blade - 6.00mm TO 9.50mm
Z - 2950**

Product Description:

A unique universal hub diameter with varying blade edge diameter provides an easier, more secure means of mounting the blade to the handle. Supplied sterile - single use. Available in .25mm increment sizes from 6.00mm to 9.50mm. When ordering, please specify size.



**Terry Trephine 7.5mm with Guard
Z - 3015**

Product Description:

Used to initiate the stromal trephination during a DLEK procedure.



**Terry Trephine 8mm with Guard
Z - 3017**

Product Description:

Used to initiate the stromal trephination during a DLEK procedure.



**Vacuum Syringe Sterile, 5 per box
Z - 2953**

Product Description:

Spring loaded 5cc syringe for providing suction to the Rothman-Gilbard Corneal Punch. Supplied sterile, single use. 5 per box.

Other Eye Instruments

Chisel



Freer Chisel
Z - 2190

Product Description:
5mm wide. Overall length 165mm, 6.5 inches.



West Lacrimal Sac Chisel
Z - 4500

Product Description:
6mm wide blade. 6mm wide serrated square handle with polished finish. Overall length: 186mm, 7.4 inches.

Other Eye Instruments

Elevators



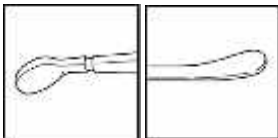
Freer Septum Elevator
Z - 2248

Product Description:
Double-ended. Sharp and blunt 4.5mm tips. Overall length 190mm, 7.5 inches.



Freer Septum Elevator
Z - 2249

Product Description:
Double-ended. Sharp and blunt 6.5mm tips. Overall length 195mm, 7.6 inches



**Tenzel Double Ended
Periosteal Elevator**
Z - 4495

Product Description:
4 x 6mm dissector end with shaft marked at 10mm, 20mm, and 30mm from tip. 6mm wide curved elevator. Round knurled handle. Overall length: 195mm, 7.7 inches

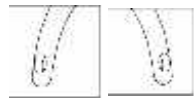
Other Eye Instruments

Probes



Benger Probe Hook
Z - 4122

Product Description:
Designed to engage the Benger probe tips. Straight 63mm shaft. Overall length: 135mm, 5.3 inches.



Beyer Pigtail Probe
Z - 4151 CB

Product Description:
16mm diameter pigtail curved probes with suture eyes just back of blunt ends. Round knurled handle. Overall length: 146mm, 5.7 inches.



Bowman Lacrimal Probe - 00 and 0
Z - 4081

Product Description:
Malleable. Overall length: 144mm, 5.7 inches.
Sizes: 00 and 0.



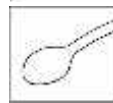
Bowman Lacrimal Probe - 0000 and 000
Z - 4080

Product Description:
Malleable. Overall length: 144mm, 5.7 inches.
Sizes: 0000 and 000.



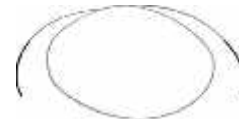
Bowman Lacrimal Probe - 1 and 2
Z - 4102

Product Description:
Malleable. Overall length: 151mm, 5.9 inches.
Sizes: 1 and 2.



Benger Probe Set
Z - 4123

Product Description:
Fine 118mm, 4.6 inch stainless steel wire probes with olive tips. Set consists of two wires with 320mm of silicone tubing. Overall length: 556mm, 21.9 inches



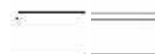
Bodian Mini-Lacrimal Probes
Z - 4121

Product Description:
Probes are 1mm in diameter and 37mm long, gently curved. Silicone tubing is 30cm long, .012" x .025". Overall length: 370mm, 13.6 inches.



Bowman Lacrimal Probe - 00 and 0
Z - 4101

Product Description:
Malleable. Overall length: 151mm, 5.9 inches.
Sizes: 00 and 0.



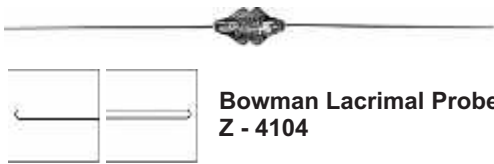
Bowman Lacrimal Probe - 0000 and 000
Z - 4100

Product Description:
Malleable. Overall length: 151mm, 5.9 inches.
Sizes: 0000 and 000.



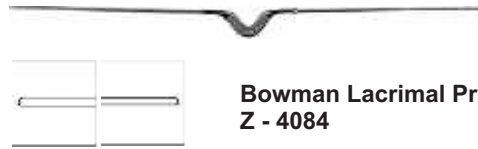
Bowman Lacrimal Probe - 3 and 4
Z - 4103

Product Description:
Malleable. Overall length: 151mm, 5.9 inches.
Sizes: 3 and 4.



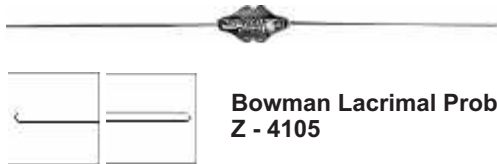
Bowman Lacrimal Probe - 5 and 6
Z - 4104

Product Description:
Malleable. Overall length: 151mm, 5.9 inches. Sizes: 5 and 6



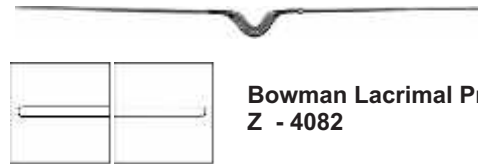
Bowman Lacrimal Probe - 5 and 6
Z - 4084

Product Description:
Malleable. Overall length: 144mm, 5.7 inches. Sizes 5 and 6.



Bowman Lacrimal Probe - 7 and 8
Z - 4105

Product Description:
Malleable. Overall length: 151mm, 5.9 inches. Sizes: 7 and 8.



Bowman Lacrimal Probe - 1 and 2
Z - 4082

Product Description:
Malleable. Overall length: 144mm, 5.7 inches. Sizes: 1 and 2.



Bowman Stainless Probe - 0000 and 000
Z - 4098

Product Description:
Sizes 0000 and 000. Malleable. Overall length: 141mm, 5.6 inches.



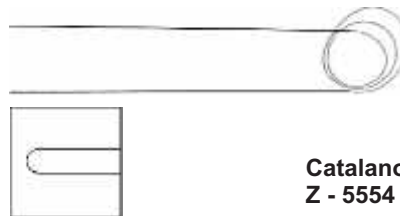
Bowman Stainless Probe - 3 and 4
Z - 4099

Product Description:
Malleable. Overall length: 144mm, 5.7 inches. Sizes: 3 and 4.



Castroviejo Double Ended Lacrimal Dilator
Z - 4240

Product Description:
One end with needle point and other end with medium taper. Stainless steel. Round knurled handle. Overall length: 140mm, 5.7 inches.



Catalano Intubation Set
Z - 5554

Product Description:
Single Use item. Set consists of two malleable probes. 0.7mm diameter with blunt tip. 140mm (5.5 inches) long with 290mm (11.4 inches) of silicone tubing fastened onto the probe. Overall length: 570mm, 22.4 inches



Frontal Sinus Seeker
Z - 6191

Product Description:
Double ended. Overall length 21.5cm, 8.5 inches

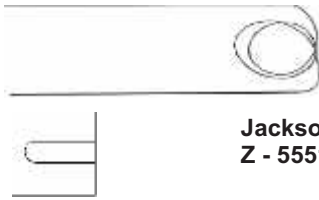


Hosford Double Ended Lacrimal Dilator
Z - 4246

Product Description:
Abrupt taper 2mm from the end, then more gradual taper so that quick dilation of the punctum is obtained. Stainless steel. Round knurled handle. Overall length: 140mm, 5.5 inches.

Other Eye Instruments

Probes



Jackson Lacrimal Intubation Set
Z - 5551

Product Description:

Single Use Item. Blunt tip. Malleable. Set consists of two 20 gauge thin wall Jackson probes. 155mm (6.1 inches) long with 300mm (11.8 inches) of silicone tubing fastened onto the probe. Overall length: 610mm, 24 inches.



Quickert Lacrimal Intubation Probe - 00mm
Z - 4120 00

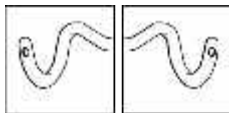
Product Description:



Maxillary Sinus Seeker
Z - 6190

Product Description:

Double ended. Overall length 21.5cm, 8.5 inches.



Pigtail Probe
Z - 4151 C

Product Description:

8mm diameter pigtail curved probes with suture eyes just back of blunt ends. Stainless steel. Round knurled handle. Overall length: 143mm, 5.6 inches.



Quickert Grooved Director
Z - 4120 15

Product Description:

Stainless steel. Overall length: 145mm, 5.7 inches.



Jonnson Canaliculus Wires - 11mm
Z - 4168 11

Product Description:

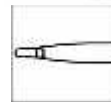
Set consists of one each right and left wires of same designated size. Malleable. Overall length: 11mm, 0.4 inch wires.



Kistner Probe and Dissector
Z - 2272

Product Description:

Overall length 212mm, 8.3 inches.



Muldoon Lacrimal Dilator
Z - 4270

Product Description:

Medium 27mm taper, distal end is straight to act as a guide for the tapered dilator which follows. Stainless steel. Round knurled handle. Overall length: 99mm, 3.9 inches.



Johnson Lacrimal Probe
Z - 4123 J

Product Description:

Designed to be used with the Bengner Probe Hook. This olive-tip probe has the silicone tubing wedged internally in the introducing stylet to reduce the possibility of the tubing being sheared off. Set consists of two wires with 320mm of silicone tubing attached. Overall length: 556mm, 21.9 inches.



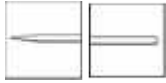
Polyethylene Tubing for Probes
Z - 4151 B

Product Description:

Pre-cut and formed in 320mm lengths. Three tubes per package

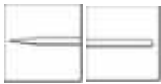
Other Eye Instruments

Probes



Quickert Lacrimal Intubation Probe - 0mm
Z - 4120 0

Product Description:



Quickert Lacrimal Intubation Probe - 2mm
Z - 4120 2

Product Description:



Quickert Lacrimal Intubation Probe - 4mm
Z - 4120 4

Product Description:

Malleable. One end has a Jones taper point, the other end has a regular Bowman point. Polished finish. Overall length: 142mm, 5.6 inches. Size: 4.



Ruedemann Lacrimal Dilator
Z - 4266

Product Description:

Short 12mm taper with needle type tip. Stainless steel. Round smooth handle. Overall length: 71mm, 2.8 inches



Wilder Lacrimal Dilator - long
Z - 4262

Product Description:

Taper with blunt tip. Stainless steel. Round knurled handle. Overall length: 101mm, 3.9 inches. Taper: Long 32mm.



Quickert Lacrimal Intubation Probe - 1mm
Z - 4120 1

Product Description:



Quickert Lacrimal Intubation Probe - 3mm
Z - 4120 3

Product Description:

Double-ended. Sharp and blunt 6.5mm tips. Overall length 195mm, 7.6 inches



Quickert Lacrimal Intubation Set
Z - 4120 S

Product Description:

Set consists of: One each Z - 4120 00 through Z - 4120 4 probes, one grooved director (Z - 4120 15), Silicone tubing: Overall length: of tubing 10 feet. One each of .012" x .037" (Z - 5841 1) and .20" x .037" (Z - 5841 2)



Skillern Sinus Probe
Z - 1985

Product Description:

Graduated with markers at 60mm, 80mm and 100mm from tip. With probe point. Malleable shaft. Overall length 173mm, 6.8 inches



Wilder Lacrimal Dilator - Medium
Z - 4261

Product Description:

Taper with blunt tip. Stainless steel. Round knurled handle. Overall length: 101mm, 3.9 inches. Taper: Medium 23mm.

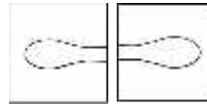
Other Eye Instruments

Probes



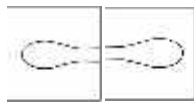
Wilder Lacrimal Dilator - short
Z - 4260

Product Description:
Taper with blunt tip. Stainless steel. Round knurled handle.
Overall length: 101mm, 3.9 inches. Taper: Short 19mm.



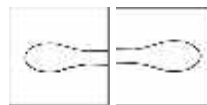
Williams Lacrimal Probe - 00 and 0
Z - 4110

Product Description:
Malleable. Overall length: 142mm, 5.6 inches.
Sizes: 00 and 0



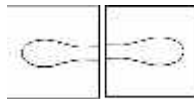
Williams Lacrimal Probe - 1 and 2
Z - 4111

Product Description:
Malleable. Overall length: 142mm, 5.6 inches. Sizes: 1 and 2



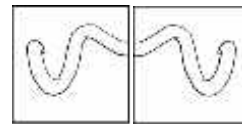
Williams Lacrimal Probe - 3 and 4
Z - 4112

Product Description:
Malleable. Overall length: 142mm, 5.6 inches. Sizes: 3 and 4



Williams Lacrimal Probe - 5 and 6
Z - 4113

Product Description:
Malleable. Overall length: 142mm, 5.6 inches. Sizes: 5 and 6



Worst Pigtail Probe
Z - 4151

Product Description:
9mm diameter pigtail curved blunt probes. Stainless steel.
Round knurled handle. Overall length: 149mm, 5.9 inches.



Ziegler Double Ended Lacrimal Dilator
Z - 4236

Product Description:
Double ended dilator probes with gentle curve. Stainless steel. Round knurled handle. Overall length: 134mm, 5.3 inches.

Other Eye Instruments

Rings



Devgan-Seibel Fixation Ring
ZT - 8944

Product Description:

The off-set design of this instrument ensures the ring maintains it's level perspective independent of hand positioning and eases placement on the globe. Marks on the top of the ring are spaced 60° on either side of the center of the ring opening which serve as a guide for placement of a paracentesis 60° from the temporal clear corneal incision in coaxial phaco, or for placement of the two micro incisions 120° apart in bi-manual split-irrigation phaco. The closed side of the fixation ring features marks that are 30° (1 clock hour) apart from each other which serves as a guide for the limbal relaxing incision nomograms that use clock hours of incision length for dioptric correction of astigmatism.



Fine-Thornton Fixation Ring
Z - 8918

Product Description:

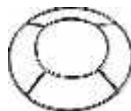
Open ring design. 16mm diameter ring with shaft angled 45 degrees. Blunt teeth. Round knurled handle. Overall length: 75mm, 3.0 inches.



Flieringa Fixation Ring
12mm TO 22mm
Z - 3934

Product Description:

Stainless steel. Polished finish. Available in 1mm increments from 12mm to 22mm. When ordering, please specify size (example Z - 3934 12).



Flieringa-LeGrand Fixation Ring
Z3935 24

Product Description:

Adult Size. Inner diameter: 17mm. Outer diameter: 24mm.



Globe Fixation Ring with Swivel
Z - 9-500

Product Description:

Designed to fixate the eye during refractive surgery procedures. The two-sided ring can easily be pivoted to engage the pointed or smooth side on the eye. Ideal for applying pressure to the eye to increase internal pressure while making incisions. Overall length: 110mm, 4.3 inches.



Josephberg-Hilton Stabilizing Plate
Z - 2324

Product Description:

The serrated edge of this reusable Stabilizing Plate applies pressure to the globe to add firmness and stability while inserting 25 gauge or 23 gauge trocar/cannulas for vitrectomy. The slot is aligned to measure an approximate distance of 3.5mm from the limbus which is the targeted pars plana zone. The center opening of the plate is large enough to insert the trocar/cannulas at an appropriate angle while keeping the eye steady and firm. This instrument makes it easier for doctors to transition to the smaller gauge vitrectomy procedures and is adaptable to right or left hand use.

Other Eye Instruments

Rings



**McNeil-Goldman Scleral and
Blepharostat Ring
Z - 3933**

Product Description:
Adult Size. Inner diameter: 17mm. Outer diameter: 24mm.
Loops retract lids. Polished finish.



**McNeil-Goldman Scleral and
Blepharostat Ring - Pediatric
Z - 3933 P**

Product Description:
Pediatric Size. Inner diameter: 14mm. Outer diameter: 23mm.
Loops retract lids. Polished finish.



**Nichamin Fixation Degree Gauge
Z - 8912**

Product Description:
Open 14mm fixation ring with fine teeth to prevent damage to
conjunctiva. Gauge is marked every 10 degrees to determine the
extent of the arc to be incised. Two broad marks align with steep
axis.



**Thornton Fine Fixation Ring 13mm
ZT - 8920**

Product Description:
Open ring design for globe fixation during various ocular
procedures. 13mm in diameter with blunt fixation points. Swivel
handle provides increased flexibility.



**Thornton Fine Fixation Ring 16mm
ZT - 8919**

Product Description:
Open ring design for globe fixation during various ocular
procedures. 16mm in diameter with blunt fixation points. Swivel
handle provides increased flexibility.



**Thornton Fixation Ring with Handle
E - 8916**

Product Description:
16mm internal diameter ring with atraumatic teeth provides
excellent stabilization and pressure on globe. Round knurled
handle. Overall length: 75mm, 3.0 inches.

Other Eye Instruments

Rongeurs



Belz Lacrimal Sac Rongeur
Z - 4490

Product Description:
Rounded 17mm long jaws. 2mm wide at tip. 3mm wide at midline. Overall length: 180mm, 7.0 inches..



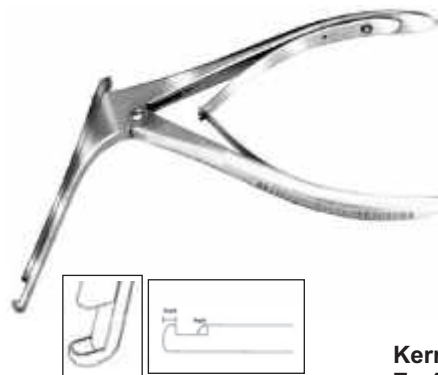
Citelli Rongeur
Z - 1840

Product Description:
No. 1, delicate head. 1.5mm x 6mm serrated bite. Depth of footplate 3mm. Angled 90 degrees. Length of shaft 60mm. Overall length 142mm, 5.6 inches



Kerrison Rongeur
Z - 1851

Product Description:
No. 1. 3mm x 4mm bite. Depth of footplate 4mm. Angled 90 degrees. Length of shaft 65mm. Overall length 209mm, 8.2 inches.



Kerrison Rongeur
Z - 1852

Product Description:
No. 2. 4mm x 9mm bite. Depth of footplate 4mm. Angled 90 degrees. Length of shaft 65mm. Overall length 150mm, 5.9 inches.



Kerrison Rongeur
Z - 1853

Product Description:
No. 3. 4.5mm x 10mm bite. Depth of footplate 4mm. Angled 90 degrees. Length of shaft 70mm. Overall length 150mm, 5.9 inches



Kerrison Rongeur #0
Z - 1850

Product Description:
Size 0. 3mm x 9mm bite. Depth of footplate: 3mm. Angled 90 degrees. Length of shaft: 65mm. Overall length: 209mm, 8.2 inches.

Other Eye Instruments

Rongeurs



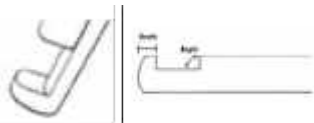
Kerrison-Costen Rongeur
Z - 3006

Product Description:
4mm x 9mm bite. Depth of footplate 3mm. Angled 90 degrees. Curved 85mm shaft. Overall length 154mm, 5.9 inches.



Lempert Rongeur
Z - 1351

Product Description:
Straight handle. Straight jaws. 2mm x 10mm cup. Overall length 166mm, 6.5 inches



Morgenstein-Kerrison Rongeur
Z - 3280

Product Description:
3mm x 3mm bite. Depth of footplate 2mm. Angled 90 degrees. Length of shaft 107mm. Overall length 161mm, 6.3 inches.

Other Eye Instruments



**Killian Septum Speculum
Z - 2091**

Product Description:
Standard model, 50mm blades, overall length 140mm, 5.5 inches.



**Killian Septum Speculum
Z - 2093**

Product Description:
Standard model, 76mm blades, overall length 150mm, 5.9 inches.



**Nasal Speculum
Z - 2002**

Product Description:
No. 2, 33mm conventional blades, thin well-rounded tips, overall length 135mm, 5.3 inches.



**Nasal Speculum
Z - 2006**

Product Description:
Sets: Nasal Polyp, Office Instrument Set, Suggested Instruments for Maxi Cabinet

Speculas - Nasal



**Killian Septum Speculum
Z - 2092**

Product Description:
Standard model, 64mm blades, overall length 145mm, 5.7 inches.



**Nasal Speculum
Z - 2001**

Product Description:
No. 1, 30mm conventional blades, thin well-rounded tips, overall length 130mm, 5.1 inches



**Nasal Speculum
Z - 2005**

Product Description:
Sets: Nasal Polyp, Office Instrument Set, Suggested Instruments for Maxi Cabinet



**Nasal Speculum Infant
Z - 2008**

Product Description:

Other Eye Instruments



Davis LASEK Well
Z - 8927

Product Description:

Designed for the LASEK technique, this instrument allows the surgeon to infuse alcohol into the well without the risk of dripping the alcohol mixture on the surface of the eye. A syringe of the Alcohol solution is connected to the tubing attached to the handle of the instrument. As the syringe is compressed, the solution enters the well and then is aspirated in the same fashion reducing the need for sponge absorption. The ring sits on the cornea with a beveled twin ring design to provide a more secure applanation on the cornea.



Dieffenbach Serrefine
Z - 3804

Product Description:

20mm jaws. Polished finish. Overall length: 55mm, 2.2 inches.



Foreign Body Removal Kit
Z - 0001

Product Description:

ORDER COMPONENTS INDIVIDUALLY Consists of 1 each: Z - 4266 Ruedemann Lacrimal Dilator, Z - 0740 Golf Club Spud, Z - 991 Kimura Platinum Spatula, Z - 0880 Desmarres Lid Retractor, Z - 1847 3C Jewelers Forceps, Z - 2060 ZABBY'S Cilia Forceps, Z - 4304 Lacrimal Cannula, Z - 5005 Wilder Scleral Depressor, Z - 4006 Barraquer Lid Speculum, Z - 7306 Autoclavable Instrument Tray, Z - 0715 A Algerbrush Rust Ring Remover .5mm.



Harms Trabeculotome Set
Z - 0321

Product Description:

9mm long pointed tips with 3mm spread. Pair consists of left and right. Round knurled handle. Polished finish. Overall length: 46mm, 1.8 inches.

Miscellaneous



Iliff-Wright Fascia Needle
Z - 2390

Product Description:

2mm wide tip with 1mm by 4mm eye. Curved shaft and ring handle with polished finish. Overall length: 127mm, 5.0 inches.



Instrument Lubricant
Z - 3060 A1

Product Description:

Plastic jug of concentrate solution. Lubricant and rust inhibitor for surgical instruments. Stops corrosion and maintains free working instruments. Permits autoclaving of sharps and carbon steel instruments. Easy to use. Does not interfere with steam sterilization. After cleaning, "quick-dip" a whole tray. No rinsing, no wiping, instruments are ready to autoclave.



Landers Lens Ring
ZVS - 981

Product Description:



Schaedel Towel Clamp
Z - 6674

Product Description:

Cross action, non-magnetic clamp. Overall length: 85mm, 3.3 inches.

Other Eye Instruments



ZABBY'S Micro Serrefine
Z - 3797

Product Description:
9mm jaws designed for 10-0 sutures. Overall length: 26mm, 1.0 inches.



ZABBY'S Serrefine
Z - 3800

Product Description:
10mm serrated jaws. Overall length: 36mm, 1.4 inches.

Miscellaneous



Tip Protector
Z - 4298



Product Description:
For use with most round and flat handled hooks and manipulators. Overall length: 52mm, 2.1 inches.




Wright Fascia Needle
Z - 2388

Product Description:
2mm wide tip with 1mm by 6mm eye. Curved shaft and ring handle. Overall length: 130mm, 5.1 inches.

Sterilization Trays

<p>1. SMALL TRAYS (A) WITH SILICON MAT Size : 6.5" X 2.75" X 0.75"</p> 	<p>1. SMALL TRAYS (B) WITH STRIP FOR BLADE Size : 6.5" X 2.75" X 0.75"</p> 
<p>2. MEDIUM TRAYS (A) WITH SILICON MAT Size : 8.0" X 5.0" X 0.75"</p> 	<p>2. MEDIUM TRAYS (B) WITH STRIP Size : 8.0" X 5.0" X 0.75"</p> 
<p>3. MEDIUM TRAYS (A) WITH SILICON MAT Size : 8.0" X 5.0" X 1.25"</p> 	<p>3. MEDIUM TRAYS (B) WITH STRIP Size : 8.0" X 5.0" X 1.25"</p> 
<p>4. BIG TRAY (DOUBLE DACKER) (A) WITH DOUBLE SILICON MAT (B) WITH SINGLE SILICON MAT Size : 9.5" X 5.25" X 1.5"</p> 	<p>5. PHACO TRAYS (A) WITH STRIP Size : 9.5" X 5.25" X 1.5"</p> 

Round Sterilization Trays

<p>6. ROUND TRAYS (A) WITH SILICON MAT Size : 8.0" X 8.0" X 0.75"</p> 	<p>6. ROUND TRAYS (B) WITH STRIP Size : 8.0" X 8.0" X 0.75"</p> 
<p>7. ROUND TRAYS (DOUBLE DACKER) (A) WITH DOUBLE SILICON MAT (B) WITH SINGLE SILICON MAT Size : 8.0" X 8.0" X 1.5"</p> 	<p>8. ROUND PHACO TRAYS (B) WITH STRIP Size : 8.0" X 8.0" X 1.5"</p> 

Other Eye Instruments

OPHTHALMIC INSTRUMENTS

ZABBY'S SLIT LAMP MODEL

BINOCULAR MICROSCOPE

Eye Pieces: 10x, 15x

Objective: 1x, 1.6x

Total Magnification: 10x, 16x and 24x

ILLUMINATION UNIT

Slit Image Rotation: 0 to 180 degree

Tilting Illumination: 5,10,15,20 degree

Filter Disc.: Cobalt Filter, Green Filter, Yellow Filter, Natural density and open aperture

Slit Disphragm Disc: Six apertures of 12, 9, 7, 3 and 0.2mm and a wedge shaped diaphragm for infinitely variable slit lengths
Halogen Lamp: 12 Volt 4.5 Amp

STANDARD ACCESSORIES

15x Eyepieces, Replacing Lamp one piece for illumination unit, Replacing Mirror, Hruby Lens, Plastic breath shield, Testing Rod, Dust Cover and Fuse



ZABBY'S SLIT LAMP MODEL

Technical Specifications :

BINOCULAR MICROSCOPE

Eye Pieces: 10x, 15x

Objective: 1x, 1.6x

Total Magnification: 10x, 16x and 24x

ILLUMINATION

Slit Image Rotation: 0° to 180°

Tilting Illumination: upto 20°

Filter Disc.: Cobalt Filter, Green Filter, Yellow Filter, Natural density and open aperture

Slit Disphragm Disc: Six apertures of 12, 9, 7, 3 and 0.2mm and wedge shaped diaphragm for infinitely variable slit lengths

Halogen Lamp: 6 Volt 20 Watts



STANDARD ACCESSORIES

15x Eyepieces, Replacing Lamp one piece for illumination unit, Replacing Mirror, Hruby Lens, Plastic breath shield, Testing Rod, Dust Cover, Fuse

BINOCULAR MICROSCOPE

Viewing Oculars: Binocular, Galilean type

Magnification Change: Three steps

magnification 10x, 20x, 40x

Eyepieces: Wide field 10x, 15x

Total Magnification

-WF 10x eyepieces: 10x, 20x, 40x

-WF 15x eyepieces: 15x, 30x, 60x

ILLUMINATION UNIT

Slit Image Rotation 0 to 180 degree

Tilting Illumination 5° to 20°

Filter Disc.: Cobalt Blue, Red Free,

Natural Density, & Open Aperture Diaphragm for infinitely variable slit lengths

Slit Diaphragm Disc: Six apertures of 12, 9, 7, 3 and 0.2mm and a wedge shaped diaphragm for infinitely variable slit lengths

Halogen Lamp: 6 Volt 20 W



STANDARD ACCESSORIES

Replacing Lamp one piece for illumination unit, 15x Eyepieces, Replacing Mirror, Hruby Lens, Testing Rod, Dust Cover and Fuse

OPTIONAL ACCESSORIES

Motorized Table/Manual Table, Beam splitter module with CCD attachment, CCD Camera, Imaging System, Applanation Tonometer

ZABBY'S Slit Lamp Zoom Magnification

Technical Specifications : BINOCULAR MICROSCOPE Microscope:

Galilean type

Magnification Change: Continuous

Zoom Total Magnification: 10x to 50x

ILLUMINATION

Slit Image Rotation: 0° to 180° Tilting

Illumination: 5° to 20°

Filter Disc.: Cobalt Blue, Red Free, Natural Density, & Open Aperture

Diaphragm for infinitely variable slit lengths.

Slit Disphragm Disc: Six apertures of 12, 9, 7, 3 and 0.2mm and a wedge shaped diaphragm for infinitely variable slit lengths

Halogen Lamp: 6 Volt 20 W

STANDARD ACCESSORIES

Replacing Lamp one piece for illumination unit, Replacing Mirror, Hruby Lens, Testing Rod, Dust Cover and Fuse

OPTIONAL ACCESSORIES: Motorized Table/Manual Table, Beam splitter module with CCD attachment, CCD Camera, Imaging System, Applanation Tonometer.



ZABBY'S TRIAL LENS SET (ILLUMINATED)

Contents :	32 pairs each cx and cc sph	20.00 pairs each cx and cc cyl
	0.25 to 4.00 in 0.25 steps	0.25 tp 3.50 in 0.25 steps
	4.50 to 6.00 in 0.50 steps	4.00 to 6.00 in 0.50 steps
	7.00 to 14.00 in 1.00 steps	prisms
	16.00 to 20.00 in 2.00 steps	1/2. 1,2,3,4,5,6,8,10,12
	7 accessories : Maddox rod, stenopaic slit.	
	Prinhole 2 blank discs, red glass, green glass.	



Other Eye Instruments

ZABBY'S SURGICAL MICROSCOPE

MICROSCOPE SECTION

Optical Head: Indigenous
 Eye Piece: Wide field 10x individually adjustable
 Eye Inclination: 45° (ophthalmic) 90° (ENT & general)
 Interpupillary Distance: Adjustable from 54mm to 75mm
 Working Distance: 200mm
 Total Magnification: Adjustable from 54mm to 75mm
 Field of Vision: 12mm to 52.5mm

ILLUMINATION SECTION

Type: Fiber cable cold light guide 24V 250 Watts incorporated with heat filter. 55mm

STAND SECTION

Type: Floor stand, Movable with castor wheels
 Vertical movement of counter balance arm 300mm
 Fine Focussing: Manual 40mm movement or motorised with foot pedal
 Radius of rotation arm: 360°
 Base Size: 570mm - 590mm Weight: 45Kg.
 approxOPTIONAL ACCESSORIES
 Beam Splitter with CCD Camera attachment, CCD Camera, Table Clamp attachment



ZABBY'S SYNOPTOPHORE

Movement of Optical Tubes

HORIZONTAL: Adduction + 50° / Adduction -40°
 VERTICAL: Hyper 30° / Hyper 30°
 TORSIONAL: Incyclo 20° / Excyclo 20°
 Slide Illumination: Rheostat controlled 12V Lamp for each slide. After Image illumination by 12V Lamp (for better illumination)
 Auto Flashing of Slide illumination either SIMULTANEOUS or ALTERNATE in RAPID & VARIABLE modes.
 Selection Five Modes of Slide illumination namely NORMAL,



FLASHING RIGHT, FLASHING LEFT. FLASHING R+L & AUTOFLASHING, can be selected by a single selector knob.
 Standard Accessories: A set of slides containing 9 Pairs power Cord. Dust Cover. Two Spare Bulb 12V.
 Optional Accessories: Instrument Table (Motorized)/Manual Table Haidinger Brushes

ZABBY'S POWER TABLE

Specification	
Height Minimum	675mm
Height Maximum	875mm
Vertical Travelling Range	200mm
Load Maximum	60kgs.
Table Top Size	570x400x24mm
Power Supply Ac	240 V50/60HZ
Power Consumption	60 w
Weight(Actual)	35 Kgs.
Up & Down movement	By Foot Switch



OPHTHALMIC INSTRUMENTS

ZABBY'S Surgical Microscope (Imported Optical System)

Microscope Section

Binocular Tube: 45° inclined (OPHTHALMIC) 90° ENT & GENERAL SURGERY)
 Eyepieces: 10x/16mm Dioptic adjustment
 Magnification Changes: Built in manual 5-step changer
 Total Magnification: 2.69x, 423x, 6.1x, 11.3x, 16.84x
 Field of View: 59mm, 37.8mm, 23.5mm, 14.5mm, 9.5mm

Objective: F=200,250,300,400mm (for general micro- surgical fields)

Working Distance: 200mm, Interpupillary Distance 55 mm to 75 mm Adjustment

ILLUMINATION SYSTEM

Type: By optical light-guide system
 Light Source: 24V/250W Halogen lamp
 Illumination Control: Continuous adjustment
 Field of illumination: 70mm
 Filter: Cobalt blue, red-free, heat absorbing FilterSTAND SECTION

Type: Floor stand

Vertical Range of counterbalanced Arm400 mm

GENERAL INFORMATION

Base Size: 600MM X 550MM
 Weight: 50kg Height: 1500mm
 Electrical Power: AC 220V, 240V, 50/60 H Power
 Consumption: 220va
 OPTIONAL ACCESSORIES
 Beam Splitter with CCD Camera attachment, CCD Camera, Table Clamp attachment.



ZABBY'S Binocular Indirect Ophthalmoscope

SPECIFICATIONS

Has all pupil feature, Brilliant halogen illumination, Stereo optical system, Cobalt Blue and Green Filters, Compact and Light weight Instruments, Interpupillary distance adjustable from 50-75 mm

STANDARD ACCESSORIES

Transformer with Power cord, Carrying Case, Spare lamp, Co-observation Mirror



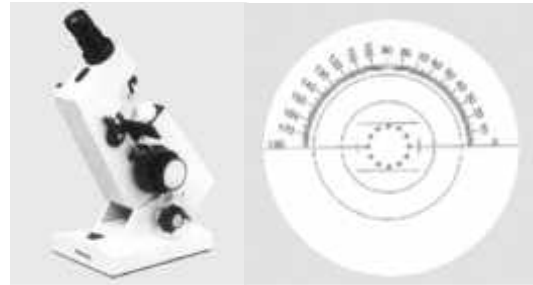
Other Eye Instruments

OPHTHALMIC INSTRUMENTS

ZABBY'S LENSMETER

Specification

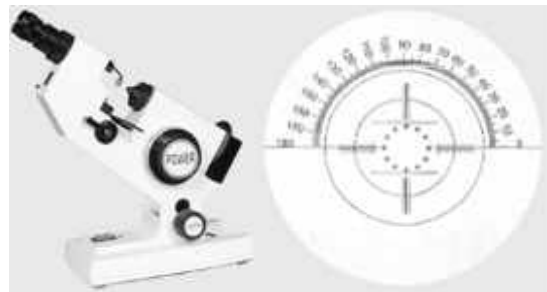
Type Ocular type external reading system
 Vertex Power Range $\pm 25D$ step : 0.25D step upto $\pm 10D$
 0.50D step beyond $\pm 10D$
 Cylindrical Axis Scale 0 to 180° (1° step)
 Prismatic Power Range 5 in the viewfield (1 setp)
 Target Pin hole Corona Eyepiece Focussing + 3D to -5D
 Diameter of Lens Accomodated 30 to 80mm
 Tilting Angle 30° to 90° Light Source AC 220V 3W LED



ZABBY'S 08CC LENSMETER

Specification

Same as VILM - 08 but with pinhole cross + corona target
 Type Ocular type external reading system
 Vertex Power Range $\pm 25D$ step : 0.25D step upto $\pm 10D$
 0.50D step beyond $\pm 10D$
 Cylindrical Axis Scale 0 to 180° (1° step)
 Prismatic Power Range 5 in the viewfield (1 setp)
 Target Pin hole Corona
 Eyepiece Focussing+ 3D to -5D
 Diameter of Lens
 Accomodated 30 to 80mm
 Tilting Angle 30° to 90°
 Light Source AC 220V 3W LED



ZABBY'S OPERATING LIGHT

This is a compact light weight and powerful source that works on input of 220 volts to 240 volts and output is 12 volt 50 watts. Duly fitted on foldable aluminium molded tripod stand. It has a powerful halogen lamp for an easy access for quick replacement, specially designed lighting system with special kind of condensers lens to cuts off heat radiation and resulting in day light quality bright illumination with minimum heat on object for various types of examinations. And intensity can controlled with solid state system.



ZABBY'S STREAK RETINOSCOPE

Operate either with large dry batteries or Rechargeable cell.
 Separate control for Beam adjustment & Streak rotation 360°
 Beam Adjustment to Divergent, Parallel & convergent.
 Large Semi-REflector interference Mirror.
 With One Spare Bulb 3 V.



ZABBY'S KERATOMETER

FEATURES :

Coincidence focusing system
 15 x eyepieces
 One position instrument. Measure both meridians without changing optical system
 Simple vertical adjustable head to fit patient
 Astigmatic axis 0 to 180 Degree
 The achromatic optical systems to precise measurement of the corneal radius curvature and accurate measurement of radius curvature of contact lens
 Dual eye-level sighting system
 Measuring range : Radius of curvature, 9.5 - 6.5 mm (in 0.25 mm steps)
 Dioptre 36 - 52 (in 0.25 steps)
 Paint finish : Black or White



Product Sets

Anterior Segment Repair



Handle for Vitreoretinal Instruments
ZT - 8099 H



Snyder 20ga Needle Holder Tip
ZT - 3484TL



Snyder 23ga Forceps
ZT - 1689STL



Snyder 23ga Suture Forceps Curved
ZT - 1689CTL



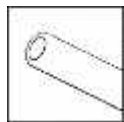
Snyder AC Scissors Curved Tip
ZT - 8206CTL



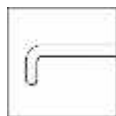
Snyder AC Scissors Straight Tip
ZT - 8206STL

Product Sets

Astigmatic Keratotomy (AK) Set



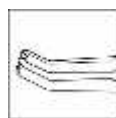
Air Injection Cannula - 27 Gauge
Z - 0399 27



Sinskey Iris and IOL Hook
Z - 0445



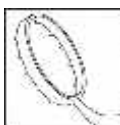
Diamond Knife Sterilizing Tray - 2 knives
Z - 7307



Thornton Angled Fixation Forceps
Z - 1701



Mendez Degree Gauge
Z - 2321



Thornton Fixation Ring with Handle
Z - 8916



Plastic Tray - 6 x 10 inches
Z - 7306



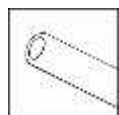
Triple Edge Arcuate Diamond Knife
Z - 0005 M (Optional)

Product Sets

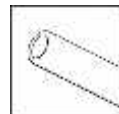
Basic Eye Set



Adapter for Irrigators
Z - 4842



Air Injection Cannula - 27 Gauge
Z - 0399 27



Air Injection Cannula - 30 Gauge
Z - 0399 30



Bard-Parker Handle
Z - 0234



Barraquer Eye Speculum - Pediatric
Z - 4007



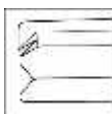
Barraquer Eye Speculum - Wire Blade
Z - 4006



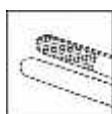
Barraquer Needle Holder - Curved with Lock
Z - 3728 CW



Bishop-Harmon Irrigating Cannula
Z - 4822



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Bracken Curved Iris Forceps
Z - 1316

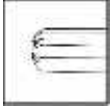


Castroviejo Blade Breaker and Holder
Z - 0058

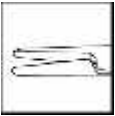


Castroviejo Caliper
Z - 2304

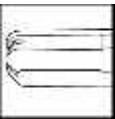
Product Sets



Castroviejo Fixation Forceps
Z - 1693



**Castroviejo Needle Holder -
Straight with Lock**
Z - 3750



Castroviejo Suturing Forceps
Z - 1696



Castroviejo Suturing Forceps
Z - 1698



Desmarres Lid Retractor - Size 0
Z - 0880



Desmarres Lid Retractor - Size 1
Z - 0881



Desmarres Lid Retractor - Size 2
Z - 0882



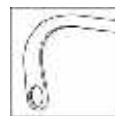
DeWecker Iris Scissors
Z - 3260



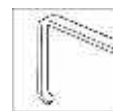
**Econo 45 Degree Single Edge
Diamond Knife**
Z - 0100 E (Optional)



Feather Carbon Breakable Blades
Z - 0071 F

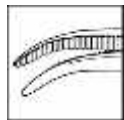


Gass Retinal Detachment Hook
Z - 4891



Green Strabismus Hook
Z - 0488

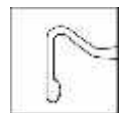
Product Sets



**Halstead Curved Hemostatic
Mosquito Forceps**
Z - 3822



Jameson Muscle Forceps
Z - 2230 - Left
Z - 2231 - Right



Jameson Muscle Hook -Small
Z - 0486 S



Jeweler Type Bipolar Forceps
Z - 1950 1 (Optional)

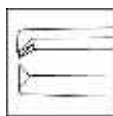


**Kelman-McPherson Angled
Tying Forceps**
Z - 1715 AK



Lancaster Eye Speculum
Z - 3956

Basic Eye Set



Lester Fixation Forceps
Z - 1554



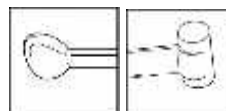
McCullough Utility Forceps - Smooth
Z - 1814



McPherson Straight Tying Forceps
Z - 1715 S



Schaedel Towel Clamp
Z - 6674



**Schocket Double Ended
Scleral Depressor**
Z - 5008



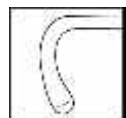
Silicone Bulb
Z - 4844



Stainless Steel Flexible Ruler
Z - 2320

Product Sets

Basic Eye Set



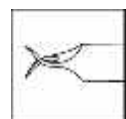
Stevens Curved Tenotomy Hook
Z - 0500



Stevens Curved Tenotomy Scissors
Z - 3462



Curved Iris Scissors
Z - 3305



Twist Fixation Hook
Z - 0443 L



Straight Dressing Forceps with Serrations
Z - 1300



Troutman-Barraquer Corneal Utility Forceps, Colibri Style
Z - 3099



Westcott Curved Tenotomy Scissors, Right
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221



ZABBY'S Needle Holder - Curved with Lock
Z - 3785 WL



ZABBY'S Needle Holder - Curved without lock
Z - 3785



Schioetz Tonometer
Z - 5654 (Optional)

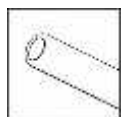


ZABBY'S Serrefine
Z - 3800

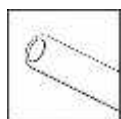


ZABBY'S Straight Eye Scissors
Z - 3324

Product Sets



Air Injection Cannula - 27 Gauge
Z - 0399 27



Air Injection Cannula - 30 Gauge
Z - 0399 30



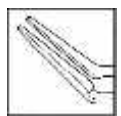
Barraquer Iris Scissors
Z - 3266



Barraquer Needle Holder - Curved
Z - 3728 CWO



Barraquer Needle Holder - Curved with Lock
Z - 3728 CW

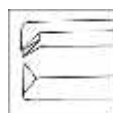


Bechert-McPherson Angled Tying Forceps
Z - 1715 AB

Cataract Set



Bishop-Harmon Irrigating Cannula
Z - 4822



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Castroviejo Caliper
Z - 2304



Castroviejo Corneal Section Scissors
Z - 3204 M



Castroviejo Corneal Section Scissors
Z - 3205 M

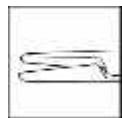


Castroviejo Double Ended Synechia Spatula
Z - 0374

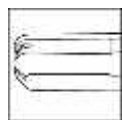


Castroviejo Mini Corneal Scissors
Z - 3118 MM

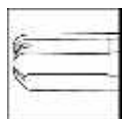
Product Sets



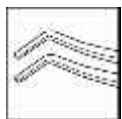
**Castroviejo Needle Holder -
Straight with Lock**
Z - 3750



Castroviejo Suturing Forceps
Z - 1696



Castroviejo Suturing Forceps
Z - 1698



Clayman Lens Forceps
Z - 2882

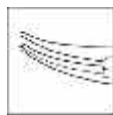


**Econo 45 Degree Single Edge
Diamond Knife**
Z - 0001 E (Optional)

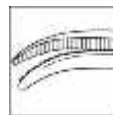


**Gills-Welsh Angled Vannas
Micro Scissors**
Z - 3288 GWL

Cataract Set



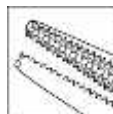
**Harms-Tubingen Curved
Tying Forceps**
Z - 1788 C



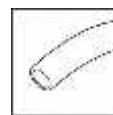
**Hartman Curved Hemostatic
Mosquito Forceps**
Z - 3816



Jameson Muscle Hook
Z - 0486



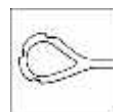
**Kansas Nuclear Fragment
Forceps**
Z - 1930



Kellan Hydrodissection Cannula
Z - 4319



**Kirby Expressor Hook and
Loop - Double Ended**
Z - 1138



Knolle-Pearce Irrigating Lens Loop
Z - 0531

Product Sets

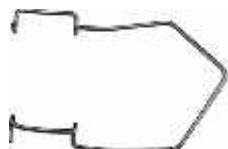
Cataract Set



**Kratz Capsule Scraper -
Sandblasted tip
Z - 0408**



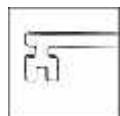
**Microsurgical Instrument Tray
Z - 7314**



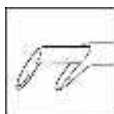
**Kratz-Barraquer Eye Speculum -
Pediatric
Z - 4007 K**



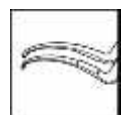
**Osher Bipolar Coaptation Forceps
Z - 1950 15 (Optional)**



**Kuglen Iris Hook and Lens
Manipulator
Z - 0467**



**Rappazzo Intraocular Foreign
Body Forceps
Z - 1861**



**Lehner-Utrata Capsulorhexis
Forceps
Z - 1902 C**



**Schaedel Towel Clamp
Z - 6674**



**Maloney Keratometer
Z - 6-600 (Optional)**



**Silicone Bulb
Z - 4844**



**Mauumenee Iris Hook
Z - 0447**

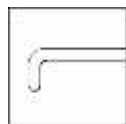


**Simcoe Double-Barreled Irrigating-
Aspirating Unit
Z - 4871**

Product Sets



Sinskey Hook II
Z - 6-150



Sinskey Iris and IOL Hook
Z - 0445



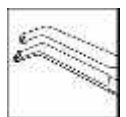
**Step 45 Degree Double Edge
Diamond Knife**
Z - 0011 (Optional)



Serrefine
Z - 3800

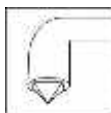


Troutman Superior Rectus Forceps
Z - 1586



**Troutman-Barraquer Corneal Utility
Forceps, Colibri Style**
Z - 3091

Cataract Set



**Urretts-Zavalia Depressor and
Fixation Pick**
Z - 5006



Utrata Capsulorhexis Forceps
Z - 1902



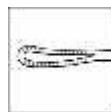
Viscoelastic Injection Cannula
Z - 0397



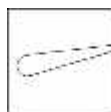
**Westcott Curved Tenotomy
Scissors, Right**
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221



Wilder Lens Loop
Z - 0544



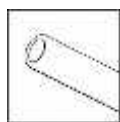
Wilder Scleral Depressor
Z - 5005

Product Sets

Corneal Transplant Set



Adapter for Irrigators
Z - 4842



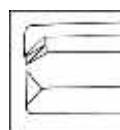
Air Injection Cannula - 30 Gauge
Z - 0399 30



Barraquer Needle Holder - Curved with Lock
Z - 3728 CW



Bishop-Harmon Irrigating Cannula
Z - 4822



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Brightbill Corneal Cutting Block
Z - 2967



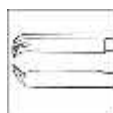
Capsule Scissors 10mm Angled Blades
Z - 3290 A



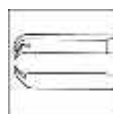
Castroviejo Corneal Section Scissors
Z - 3204



Castroviejo Corneal Section Scissors
Z - 3205



Castroviejo Suturing Forceps
Z - 1696



Castroviejo Suturing Forceps
Z - 1697



Econo 45 Degree Single Edge Diamond Knife
Z - 0100 E (Optional)

Product Sets

Corneal Transplant Set



Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



Maloney Keratometer
Z - 6-600 (Optional)



Iowa P.K. Press Punch
Z - 2954 (Optional)



Maumenee-Park Speculum
Z - 3907



Katzin Curved Corneal Transplant Scissors - Left
Z - 3132



McPherson Straight Tying Forceps
Z - 1715 S



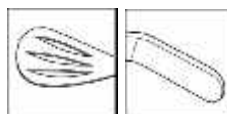
Katzin Curved Corneal Transplant Scissors - Right
Z - 3133



Microsurgical Instrument Tray
Z - 7314



Kaufmann Corneal Cutting Block
Z - 2966 (Optional)



Paton Double Ended Spatula
Z - 2946



Kelman-McPherson Angled Tying Forceps
Z - 1715 AK



Polack Double Corneal Forceps, Colibri Style
Z - 3115

Product Sets

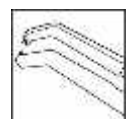
Corneal Transplant Set



Schaedel Towel Clamp
Z - 6674



Silicone Bulb
Z - 4844



Corneal Forceps, Colibri Style
Z - 3105



Gill Corneal Knife - Curved
Z - 0296



Viscoelastic Injection Cannula
Z - 0397



Westcott Type Stitch Scissors
Z - 3221



Needle Holder - Curved with Lock
Z - 3785 WL



Disposable Trephine Blades
6.00mm To 9.50mm
Z - 2996



Disposable Trephine Blades
Long - 7.00mm To 9.50mm
Z - 2996L



Flieringa Fixation Ring
12mm TO 22mm
Z - 3934



Serrefine
Z - 3800



Universal Trephine Handle
Z - 2995

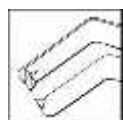


Universal Trephine Handle with
Cottingham Punch
Z - 2997 (Optional)

Product Sets



Brown Haptic Placement Forceps
Z - 2860



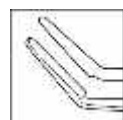
Colibri Forceps 0.12mm
ZT - 3099



Econo Trifacet Diamond Knife
Z - 0003 E (Optional)



Lindstrom Lens Positioner
Z - 0429



McPherson Angled Tying Forceps
Z - 1715 A



Profile Angled Diamond Keratome 2.8mm
Z - 0030 2.8 (Optional)

Special IOL Instrument Set



Raviv Capsulorhexis Caliper
Z - 2307 (Optional)



Utrata MICS Capsulorhexis Forceps
Z - 1902 M



Wallace 6mm Capsulorhexis Gauge
Z - 8936



Wallace LRI Diamond Knife
Z - 0026 (Optional)



Wallace Mendez Degree Gauge
ZT - 2325



Whitman Shepherd Double-Ended Capsule Polisher
Z - 0423

Product Sets

DSAEK DSEK DLEK SET



8.0mm Corneal Marker
Z - 9-681W



Charlie Forceps II
ZT - 3022



**8.5 mm and 9.0 mm
Corneal Markers**
ZT - 3026



Cindy Scissor
Z - 3018

Artificial Anterior Chamber
Z - 3016 (Optional)



Cindy Scissor II
Z - 3020



Carlson DSEK Graft Forceps
Z - 1939



Cindy Sweeper for DSEK
Z - 3025



Carlson DSEK Smoother
Z - 1940



Devers-Terry Curved Disector
Z - 3014

Product Sets

DSAEK DSEK DLEK SET



Devers-Terry Straight Dissector
Z - 3013



Kim Peeling Forceps
Z - 1941



Nick Pick #2
Z - 3022



Ousley Implant Spatula
Z - 3012



Reverse Sinskey Hook
Z - 3019



Snyder Stripping Forceps
Z - 1915



Terry Irrigating Scraper
Z - 3023



Terry Non-Irrigating Scraper
Z - 3024



Terry Trephine 7.5mm with Guard
Z - 3015



Terry Trephine 8mm with Guard
Z - 3017

Product Sets

Enucleation



Bunge Enucleation Spoon - 12mm
Z - 3640



Lancaster Eye Speculum
Z - 3956



Bunge Enucleation Spoon - 8mm
Z - 3642



Microsurgical Instrument Tray
Z - 7316 1



Carter Sphere Introducer and Holder
Z - 5552 (Optional)



Stevens Straight Tenotomy Scissors
Z - 3460



Foster Enucleation Snare
Z - 3570 (Optional)



Curved Enucleation Scissors
Z - 3552



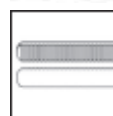
Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



Twisted Snare Wire
Z - 3571 (Optional)



Straight Dressing Forceps with Serrations
Z - 1300



Jameson Muscle Hook
Z - 0476



Wells Enucleation Spoon
Z - 3620

Product Sets

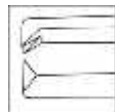
Glaucoma Set



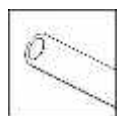
Adapter for Irrigators
Z - 4842



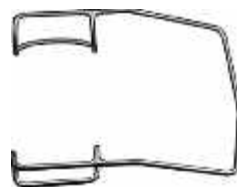
Bishop-Harmon Straight Tissue Forceps
Z - 1400



Air Injection Cannula - 27 Gauge
Z - 0399 27



Bonn Iris Hook
Z - 0449 D



Barraquer Eye Speculum - Heavy Wire
Z - 4006 H



Castroviejo Caliper
Z - 2304



Barraquer Iris Scissors
Z - 3266



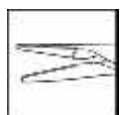
Castroviejo Double Ended Cyclodialysis Spatula
Z - 0389



Bishop-Harmon Irrigating Cannula
Z - 4822

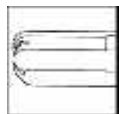


Castroviejo Needle Holder - Straight with Lock, Medium
Z - 3752



Product Sets

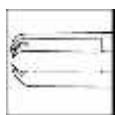
Glaucoma Set



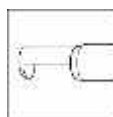
Castroviejo Suturing Forceps
Z - 1696



Iris Spatula
Z - 0606



Castroviejo Suturing Forceps
Z - 1698



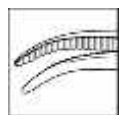
Kelly Decemet Membrane Punch
Z - 2698



**Econo 45 Degree Single
Edge Diamond Knife**
Z - 0100 E (Optional)



**Kelman-McPherson Angled
Tying Forceps**
Z - 1715 AK



**Halstead Curved Hemostatic
Mosquito Forceps**
Z - 3822



McPherson Straight Tying Forceps
Z - 1715 S

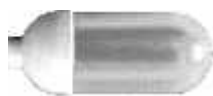


Harms Trabeculotome Set
Z - 0321



Schaedel Towel Clamp
Z - 6674

Product Sets



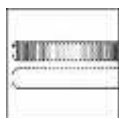
Silicone Bulb
Z - 4844



**Needle Holder - Curved
without lock**
Z - 3785

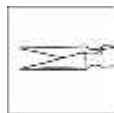


Schioetz Tonometer
Z - 5654 (Optional)



**Straight Dressing Forceps
with Serrations**
Z - 1300

Glaucoma Set



Vannas Straight Capsulotomy Scissors
Z - 3286



**Westcott Curved Tenotomy
Scissors, Right**
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221

Product Sets



Implant Removal Forceps
Z - 1914



Osher IOL Scissors
ZT - 1206

Implant Removal System



Plastic Tray - 3 x 6 inches
Z - 7309



Rappazzo Haptic Scissors
Z - 1861 HAP

Product Sets



Gulani LASIK Marker
Z - T897



Lindstrom Eye Speculum - Aspirating
Z - 3967

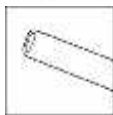


Machat Forceps
ZT - 1205

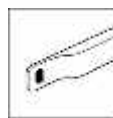


Plastic Tray - 6 x 10 inches
Z - 7306

Lasik Set



Probst Refractive Cannula 27 Gauge
Z - 4797

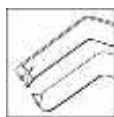


Slade Refractive Cannula
Z - 4307



Slade Refractive Spatula
Z - 0522

Product Sets



Colibri Forceps 0.12mm
ZT - 3099



Plastic Tray - 3 x 6 inches
Z - 7309

Wallace LRI Set



Wallace LRI Diamond Knife
Z - 0026 (Optional)



Wallace Mendez Degree Gauge
ZT - 2325

Product Sets

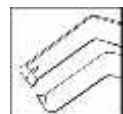
LRI Set



Anderson Step Diamond Knife
Z - 0017 (Optional)



Axis Marker
Z - 9-629



Colibri Forceps 0.12mm
ZT - 3099



Donnenfeld LRI Diamond Knife
Z - 0024 (Optional)



Hunkeler Mendez Degree Gauge
Z - 2322



Maloney Keratometer
Z - 6-600 (Optional)



Mendez Degree Gauge
Z - 2321



Nichamin Degree Gauge
ZT - 2323



Nichamin Fixation Degree Gauge
Z - 8912



Nichamin LRI Diamond Knife
Z - 0023 (Optional)



Plastic Tray - 3 x 6 inches
Z - 7309



Wallace LRI Diamond Knife
Z - 0026 (Optional)



Wallace Mendez Degree Gauge
ZT - 2325

Product Sets

McDonald Lindstrom Corneal Relaxing Incision Set



Axis Marker
Z - 9-629



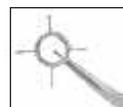
McDonald Two Line Marker
Z - 8901



Devgan-Seibel Fixation Ring
ZT - 8944



Mendez Degree Gauge
Z - 2321



McDonald Four Line Marker
Z - 8903



Plastic Tray - 6 x 10 inches
Z - 7306



McDonald Relaxing Incision Marker
Z - 8908



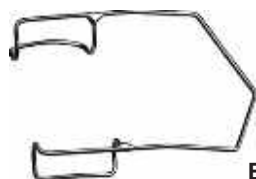
Two-Step Diamond Knife
Z - 8959 AA (Optional)

Product Sets

MICS 1.8mm Coaxial Cataract Surger



**Adapter for Titanium Handpiece
ZP - 9642 (Optional)**



**Barraquer Eye Speculum -
Wire Blade
Z - 4006**



**Bechert Nucleus Rotator
ZT - 1114**



**Bechert-McPherson Angled
Tying Forceps
ZT - 1115**



**Bishop-Harmon Straight
Tissue Forceps
ZT - 1106**



**Castroviejo Cyclodialysis Spatula
ZT - 1109**



**Castroviejo Suturing Forceps
0.12mm
ZT - 1100**



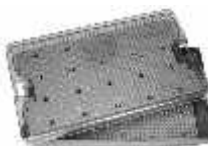
**Castroviejo Suturing Forceps 0.3mm
ZT - 1105**



**Castroviejo Suturing Forceps 0.5mm
ZT - 1101**



**Clayman Guide
ZT - 1112**



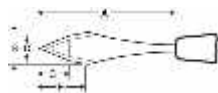
**Double Layer Microsurgical
Instrument Tray - 6 x 10 inches
Z - 7311**



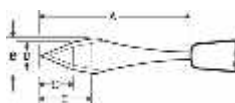
**Drysdale Nucleus Manipulator
ZT - 1108**

Product Sets

MICS 1.8mm Coaxial Cataract Surger



**ZABBY'S EDGE Trapezoidal
Knife - 1.6-1.8mm Angled
Z - 7500**



**ZABBY'S EDGE Trapezoidal
Knife - 2.0-2.2mm Angled
Z - 7501**



**I/A Tip 45° Metal 0.3mm
ZL - 3068 (Optional)**



**Lieberman Open Wire Speculum
Angled 45 Degree
Z - 3965 A**



**MICS Capsulorhexis Forceps
Handle
Z - 1913H**



**MICS Capsulorhexis Forceps
Tip with Seibel Ruler
Z - 1913T**



**Koch Stop and Chop Manipulator
ZT - 1116**



**Kuglen Iris Hook and
Lens Manipulator
ZT - 1110**



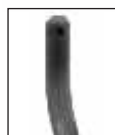
**Sinskey Hook II
ZT - 1111**



**McPherson Angled Tying Forceps
ZT - 1107**



**Sinskey Iris and IOL Hook
ZT - 1103**



**Soft I/A Tip, 45 Degree
ZP - 9641 (Optional)**

Product Sets



**Westcott Curved Tenotomy
Scissors, Right**
Z - 3220 R



I/A Handle
ZL - 3060 (Optional)



**Utrata Micro Capsulorhexis
Forceps**
ZT - 1102



**Silverstein MICS 1.8mm
Capsulorhexis Forceps**
Z - 1926



Westcott Type Stitch Scissors
Z - 3221



Wiles Hydrodissection Cannula
Z - 4329

Product Sets



Fogla 27ga Air Injection Cannula
Z - 4824 27



Fogla Pointed Dissector
Z - 0380



Fogla Scissors Left
Z - 3117 L



Fogla Scissors Right
Z - 3117 R



Fogla Trifacet Spatula
Z - 0379

Fogla DALK Instruments

Product Sets

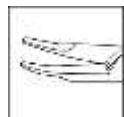
Muscle Set



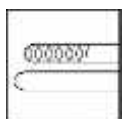
Adapter for Irrigators
Z - 4842



Bard-Parker Handle
Z - 0234



Barraquer Needle Holder - Curved
Z - 3728 CWO



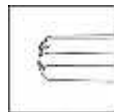
Bishop-Harmon Dressing Forceps
Z - 1406



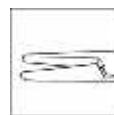
Bishop-Harmon Irrigating Cannula
Z - 4822



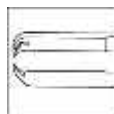
Castroviejo Caliper
Z - 2304



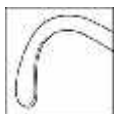
Castroviejo Fixation Forceps
Z - 1693



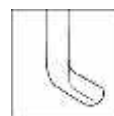
**Castroviejo Needle Holder -
Straight with Lock**
Z - 3750



Castroviejo Suturing Forceps
Z - 1696



Culler Rectus Muscle Hook
Z - 0480



Culler Rectus Muscle Hook
Z - 0482



Desmarres Lid Retractor - Size 0
Z - 0880

Product Sets

Muscle Set



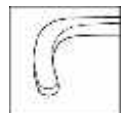
Desmarres Lid Retractor - Size 1
Z - 0881



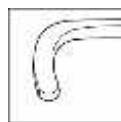
Desmarres Lid Retractor - Size 2
Z - 0882



Graefe Strabismus Hook
Z - 0491



Graefe Strabismus Hook
Z - 0492



Graefe Strabismus Hook
Z - 0493



Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



Jameson Muscle Forceps - Child Size - Left
Z - 2234



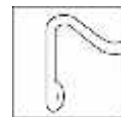
Jameson Muscle Forceps - Child Size - Right
Z - 2235



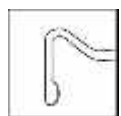
Jameson Muscle Forceps - Left
Z - 2230



Jameson Muscle Forceps - Right
Z - 2231



Jameson Muscle Hook
Z - 0486



Jameson Muscle Hook -Small
Z - 0486 S

Product Sets

Muscle Set



**Kelman-McPherson Angled
Tying Forceps**
Z - 1715 AK



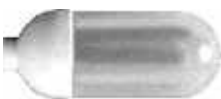
Mauernee-Park Speculum
Z - 3907



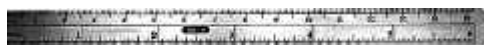
Microsurgical Instrument Tray
Z - 7318



Schaedel Towel Clamp
EZ - 6674



Silicone Bulb
Z - 4844



Stainless Steel Flexible Ruler
Z - 2320



Stevens Curved Tenotomy Scissors
Z - 3462



Serrefine
Z - 3800



Straight Eye Scissors
Z - 3324



**Westcott Curved Tenotomy
Scissors, Right**
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221

Product Sets



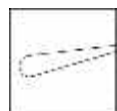
**Algerbrush Rust Ring
Remover 0.5mm
Z - 0715 A (Optional)**



**Barraquer Eye Speculum -
Pediatric
Z - 4007**



**Barraquer Eye Speculum -
Wire Blade
Z - 4006**



**Wilder Scleral Depressor
Z - 5005**



**Curved Dressing Forceps
with Serrations
Z - 1308**

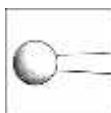


**Desmarres Lid Retractor - Size 0
Z - 0880**

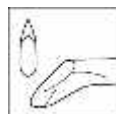
Office Instruments Sets



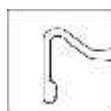
**Desmarres Lid Retractor - Size 2
Z - 0882**



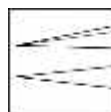
**Diamond Burr - Round
Z - 0714 N (Optional)**



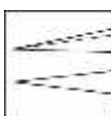
**Golf Club Spud
Z - 0740**



**Jameson Muscle Hook -Small
Z - 0486 S**

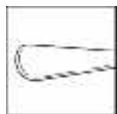


**Jeweler Type Forceps
Z - 1847 3C**



**Jeweler Type Forceps
Z - 1847 5**

Product Sets



Kimura Spatula
Z - 0991



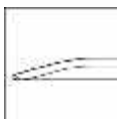
McPherson-Vannas Curved Iris Scissors
Z - 3247



Nichamin Wire Speculum Open
Z - 3955



Plastic Tray - 6 x 10 inches
Z - 7406

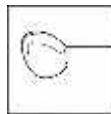
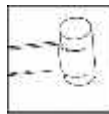


Replacement Gouge Tip
Z - 0728 B (Optional)



Replacement Handle
Z - 0728 C (Optional)

Office Instruments Sets



Schocket Double Ended Scleral Depressor
Z - 5008



Cilia Forceps - Narrow
Z - 2060



Cilia Forceps - Wide
Z - 2056

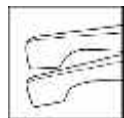


Straight Eye Scissors - Blunt Tips
Z - 3316 I



Stromal Puncture Cannula
25 Gauge 5/Box
Z - 7085

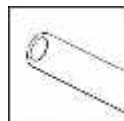
Product Sets



A. W. Brown Nucleus Cracker
Z - 2-700



Adapter for Irrigators
Z - 4842



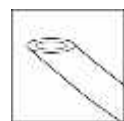
Air Injection Cannula - 30 Gauge
Z - 0399 30



**Angled Diamond Keratome,
Sharp Sides - 2.5mm**
Z - 0004 ACC2.5 (Optional)



**Angled Diamond Keratome,
Sharp Sides - 3.0mm**
Z - 0004 ACC3.0 (Optional)



**Barrett 25 Gauge
Hydrolineation Cannula**
Z - 4313 BAR

Phacoemulsification Set



Bechert Nucleus Rotator
Z - 4837



Bishop-Harmon Irrigating Cannula
Z - 4822



**Bishop-Harmon Straight
Tissue Forceps**
Z - 1400



Castroviejo Caliper
Z - 2304



**Castroviejo Double Ended
Synechia Spatula**
Z - 0374



**Castroviejo Needle Holder -
Straight with Lock, Medium**
Z - 3761

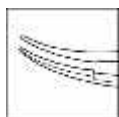
Product Sets



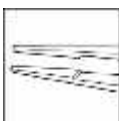
Fine Curved Needle Holder
Z - 33-203



**Gills-Welsh Angled Vannas
Micro Scissors**
Z - 3288 GWL



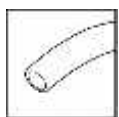
Girard Fine Tying Forceps - Curved
Z - 3092 FT



Girard Fine Tying Forceps - Straight
Z - 3092 FTS



**Irrigating Cystotome,
Formed 25 Gauge, 5/box**
Z - 7013

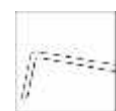


Kellan Hydrodissection Cannula
Z - 4319

Phacoemulsification Set



**Koch Phacoemulsification
Spatula - Rounded Tip w/notch**
Z - 0612-II



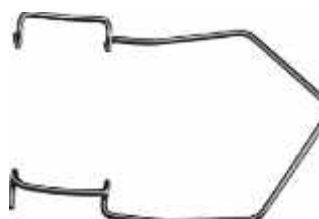
Koch Stop and Chop Manipulator
Z - 0613



Kratz Capsule Scraper - Sandblasted tip
Z - 0408



Kratz-Barraquer Eye Speculum
Z - 4006 K



**Kratz-Barraquer Eye Speculum -
Pediatric**
Z - 4007 K



Kratz-Nichamin Speculum
Z - 4006 N

Product Sets



Kuglen Iris Hook and Lens Manipulator
Z - 0467



Lehner-Utrata Capsulorhexis Forceps
Z - 1902 C



ZABBY'S Iris Retractor - 5/pack
Z - 0650 NS



Maloney Keratometer
Z - 6-600 (Optional)



Microsurgical Instrument Tray
Z - 7314



Nichamin Hydrodissection Cannula - 25 Gauge
Z - 4321 H

Phacoemulsification Set



Sinskey Hook II
Z - 6-150



Osher Trifacet Tunnel Diamond Knife with Footplate
Z - 0008 LS (Optional)



Osher Universal Corneal Scissors
Z - 3119



Profile Angled Diamond Keratome 3.0mm
Z - 0030 3.0 (Optional)



Schaedel Towel Clamp
Z - 6674



Silicone Bulb
Z - 4844

Product Sets



Serrefine
Z - 3800



Troutman Superior Rectus Forceps
Z - 1586



Troutman-Barraquer Corneal Utility Forceps, Colibri Style
Z - 3091



Westcott Curved Tenotomy Scissors, Right
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221

Also These Product Available

Single Mirror Gonioscope

2 - Mirror Gonioscope

3 - Mirror Gonioscope

4 - Mirror Gonioscope (with detachable handle)

Aspheric Lens 20D

Aspheric Lens 78D

Aspheric Lens 90D

Capsulotomy Lens (For YAG Laser)

Iridotomy Lens (For YAG Laser)

Fluorescein Strips (Box of 100)

Schirmer Tear Test Strips (Box of 100)

Rose Bengal Strips (Box of 100)

Lissamine Green Strips (Box of 100)

CAM Stimulator

Peroperative Keratoscope

Lacri Care (Lacrimal Intubation Sets)

Available Sizes - 7.5cm, 11cm, 15.0cm, 17.5cm

Endothelial Punch (Precentered)

Disposable Trephines - 6 to 11 (mm)

Artificial Anterior Chamber

Suction Trephine (7.5, 7.7, 8.0 mm)

Teflon Block

Temporary Keratoprosthesis (7.5 mm dia)

Soft SOAK PVASponge for LASIK LASER (Pack of 5))

Product Sets



Bard-Parker Handle
Z - 0234



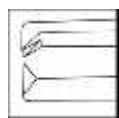
Barraquer Eye Speculum - Pediatric
Z - 4007



Barraquer Eye Speculum - Wire Blade
Z - 4006



Barraquer Needle Holder - Curved with Lock
Z - 3728 CW



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Braunstein Fixed Caliper
Z - 2302

Scleral Buckling Set



Castroviejo Blade Breaker and Holder
Z - 0058



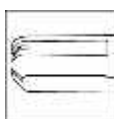
Castroviejo Caliper
Z - 2304



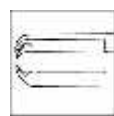
Castroviejo Fixation Forceps
Z - 1693



Castroviejo Needle Holder - Straight with Lock
Z - 3750



Castroviejo Suturing Forceps
Z - 1698



Castroviejo Suturing Forceps
Z - 1696

Product Sets



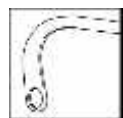
DeWecker Iris Scissors
Z - 3260



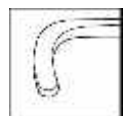
Feather Carbon Breakable Blades
Z - 0071 F



Flynn Scleral Depressor
Z - 5007



Gass Retinal Detachment Hook
Z - 4891



Graefe Strabismus Hook
Z - 0491



Graefe Strabismus Hook
Z - 0492

Scleral Buckling Set



Graefe Strabismus Hook
Z - 0493



Green Strabismus Hook
Z - 0488



Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



Jameson Muscle Forceps - Child Size - Left
Z - 2234



Jameson Muscle Forceps - Child Size - Right
Z - 2235

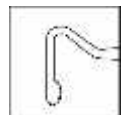


Jameson Muscle Forceps - Left
Z - 2230

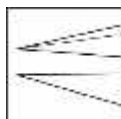
Product Sets



Jameson Muscle Forceps - Right
Z - 2231



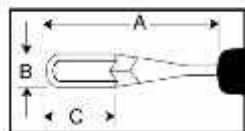
Jameson Muscle Hook -Small
Z - 0486 S



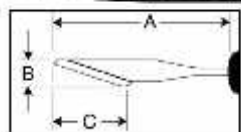
Jeweler Type Bipolar Forceps
Z - 1950 1 (Optional)



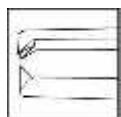
**Kelman-McPherson
Angled Tying Forceps**
Z - 1715 AK



**ZABBY'S EDGE Crescent-
Type Knife - Angled Bevel up**
Z - 7410



**ZABBY'S EDGE Stab Knife -
15 Degree**
Z - 7415

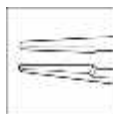


Lester Fixation Forceps
Z - 1554

Scleral Buckling Set



McCullough Utility Forceps - Smooth
Z - 1814



McPherson Straight Tying Forceps
Z - 1715 S



Microsurgical Instrument Tray
Z - 7318



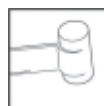
Schaedel Towel Clamp
Z - 6674



Schepens Orbital Retractor
Z - 4908

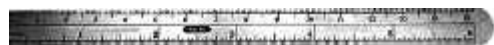


**Schepens Scleral Depressor -
medium**
Z - 5000 10



**Schocket Double Ended Scleral
Depressor**
Z - 5008

Product Sets



Stainless Steel Flexible Ruler
Z - 2320



Stevens Curved Tenotomy Scissors
Z - 3462



Curved Iris Scissors
Z - 3305



Needle Holder - Curved with Lock
Z - 3785 WL



Needle Holder - Curved without lock
Z - 3785



Schioetz Tonometer
Z - 5654 (Optional)

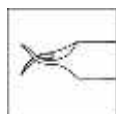


Serrefine
Z - 3800

Scleral Buckling Set



Straight Eye Scissors
Z - 3324



Twist Fixation Hook
Z - 0443 L



Straight Dressing Forceps with Serrations
Z - 1300



Troutman-Barraquer Corneal Utility Forceps, Colibri Style
Z - 3099



Urretts-Zavalia Depressor and Fixation Pick
Z - 5006



Westcott Curved Tenotomy Scissors, Right
Z - 3220 R



Westcott Type Stitch Scissors
Z - 3221

Product Sets

Silverstein Instruments for MICRO PROCEDURE 1.8mm



I/A Tip 45° Metal 0.3mm
ZL - 3068 (Optional)



Silverstein MICS 1.8mm
Capsulorhexis Forceps
Z - 1926



Profile Angled Diamond
Keratome 1.8mm
Z - 0030 1.8MM (Optional)



Silverstein Phaco Manipulator
& Quick Chop
Z - 0541



Profile Angled Diamond
Keratome 2.8mm
Z - 0030 2.8 (Optional)



System I/A Handle
ZL - 3060 (Optional)



Silicone Capsule Polisher 27
Gauge 5/Box
Z - 7053



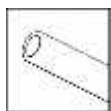
Wiles Hydrodissection Cannula
Z - 4329

Product Sets

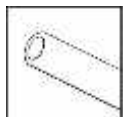
Vitrectomy, Retinal Set



Adapter for Irrigators
Z - 4842



Air Injection Cannula - 27 Gauge
Z - 0399 27



Air Injection Cannula - 30 Gauge
Z - 0399 30



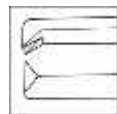
Bard-Parker Handle
Z - 0234



Barraquer Needle Holder - Curved with Lock
Z - 3728 CW



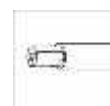
Bishop-Harmon Irrigating Cannula
Z - 4822



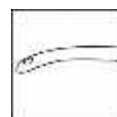
Bishop-Harmon Straight Tissue Forceps
Z - 1400



Braunstein Fixed Caliper
Z - 2302



Brush Cannula For Backflush Handpiece
Z - 4704



Cannula Tip For Backflush Handpiece - 25 Gauge
Z - 4702 25

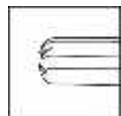


Castroviejo Blade Breaker and Holder
Z - 0058

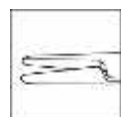


Castroviejo Caliper
Z - 2304

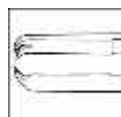
Product Sets



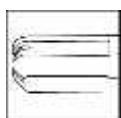
Castroviejo Fixation Forceps
Z - 1693



**Castroviejo Needle Holder -
Straight with Lock**
Z - 3750



Castroviejo Suturing Forceps
Z - 1698



Castroviejo Suturing Forceps
Z - 1696

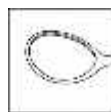


DeWecker Iris Scissors
Z - 3260

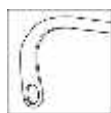


**Troutman-Barraquer Corneal
Utility Forceps, Colibri Style**
Z - 3099

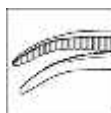
Vitrectomy, Retinal Set



Flynn Scleral Depressor
Z - 5007



Gass Retinal Detachment Hook
Z - 4891



**Halstead Curved Hemostatic
Mosquito Forceps**
Z - 3822



Infusion Cannula - 2.5mm Beveled Tip
ZVS - 0931



Infusion Cannula - 4.0mm Beveled Tip
ZVS - 0933

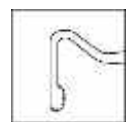


**Infusion Cannula -
6.0mm Beveled Tip**
ZVS - 0935

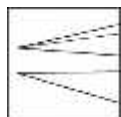
Product Sets



Jameson Muscle Forceps - Left
Z - 2230



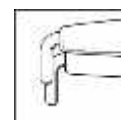
Jameson Muscle Hook -Small
Z - 0486 S



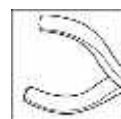
Jeweler Type Bipolar Forceps
Z - 1950 1 (Optional)



**Kelman-McPherson
Angled Tying Forceps**
Z - 1715 AK

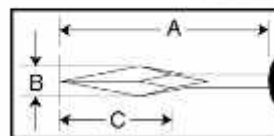


Lambert Sleeve Spreader
Z - 5276

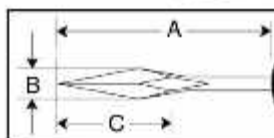


Landers Vitrectomy Lens Forceps
Z - 1883

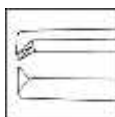
Vitrectomy, Retinal Set



**ZABBY'S EDGE MVR Knife -
19 Gauge Blade**
Z - 7419



**ZABBY'S EDGE MVR Knife -
20 Gauge Blade**
Z - 7420



Lester Fixation Forceps
Z - 1554



**McCullough Utility Forceps -
Smooth**
Z - 1814



McPherson Straight Tying Forceps
Z - 1715 S



Murdoch Eye Speculum
Z - 3994

Product Sets

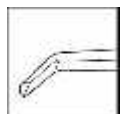
Vitrectomy, Retinal Set



Olk Angled Retinal Pick - 110 Degree
Z - 0508



Olk Angled Retinal Pick - 130 Degree
Z - 0516



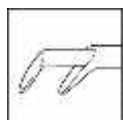
Olk Angled Retinal Pick - 150 Degree
Z - 0509



Passive Backflush Handpiece
Z - 4700



Randolph Cyclodialysis Cannula
Z - 0404



Rappazzo Intraocular Foreign Body Forceps
Z - 1861



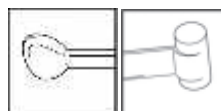
Rappazzo Intraocular Foreign Body Scissors
Z - 1861 A



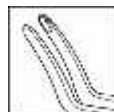
Schaedel Towel Clamp
Z - 6674



Schepens Scleral Depressor - medium
Z - 5000 10



Schocket Double Ended Scleral Depressor
Z - 5008



Scleral Plug Forceps
ZVS - 0946



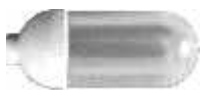
Scleral Plugs
ZVS - 0941



Scleral Plugs
ZVS - 0942

Product Sets

Vitreotomy, Retinal Set



Silicone Bulb
Z - 4844



Serrefine
Z - 3800



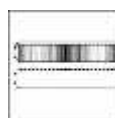
Stevens Curved Tenotomy Scissors
Z - 3462



Straight Eye Scissors
Z - 3324



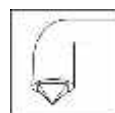
Curved Iris Scissors
Z - 3305



Dressing Forceps With Serrations
Z - 1300



Intraocular Scissors
Z - 3291



**Urretts-Zavalia Depressor
and Fixation Pick**
Z - 5006



Needle Holder - Curved with Lock
Z - 3785 WL



**Westcott Curved Tenotomy
Scissors, Right**
Z - 3220 R



Needle Holder - Curved without lock
Z - 3785



Westcott Type Stitch Scissors
Z - 3221

Product Sets

Blepharoplasty



Adson Tissue Forceps
Z - 5298



Barraquer Needle Holder - Curved with Lock
Z - 3728 CW



Berke Ptosis Forceps
Z - 2404



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Castroviejo Caliper
Z - 2304L



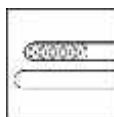
**Castroviejo Needle Holder
Straight with Lock, Medium**
Z - 3761



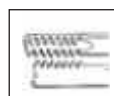
Backhaus Towel Forceps
Z - 7105



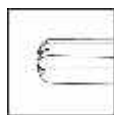
Berke Ptosis Forceps
Z - 2400



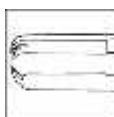
Bishop-Harmon Dressing Forceps
Z - 1406



Brown-Adson Tissue Forceps
Z - 5320



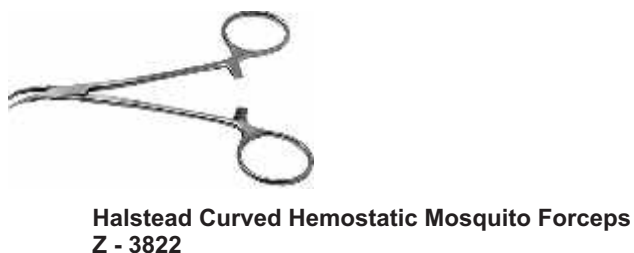
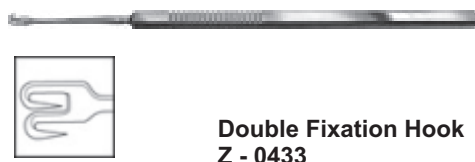
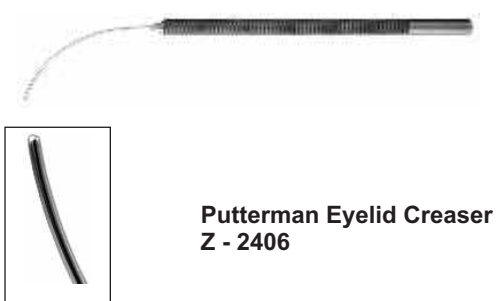
Castroviejo Fixation Forceps
Z - 1693



Castroviejo Suturing Forceps
Z - 1698

Product Sets

Blepharoplasty



Product Sets

Blepharoplasty



Stevens Curved Tenotomy Scissors
Z - 3452 I



Straight Iris Scissors
Z - 3300 I



Uzcategui Eyelid Clamp
Z - 2412



Putterman Muller's Muscle Conjunctival Resection Ptosis Clamp
Z - 2408



Stainless Steel Flexible Ruler
Z - 2320



Stevens Straight Tenotomy Scissors
Z - 3450 I

Also these product available:

Iris Care (Pack of 5 Iris Retractors)
Capsule Care - A Capsular Bag Supporting Device (Pack of 5)
Endocapsular Tension Ring (ECR)
Sizes 12.00 - 10.00 mm, 13.00 - 11.00 mm
Endocapsular Tension Ring with Scleral Fixation Arm
Endocapsular Tension Ring Injector
NANOedge Ophthalmic blades
(Lance Tip, Slit, Implant, Crescent, MVR)
NANOedge Ophthalmic blades with Green Handle
(Lance Tip 45")
HighSOAK Cellulose Sponge Spears (Pack of 5 Spears)
Sheets Glide - New Double Ended (Disposable, Pack of 10)
A.C. Maintainer (20G)
Epinucleas Aspirator Probe
I/A Handpiece for Phaco

Vitrectomy Lens Set (7 Lenses + 2 Rings)
Vitrectomy Lens Set (Paediatric Size)
Vitrectomy Lens (any individual lens)
Metal Ring for Vitrectomy Lenses
Vitrectomy Irrigating Lens Set (central, widefield, biconcave)
Silicon Oil Injector
Vitrectomy Infusion Cannula (2.5mm, 4mm, 6mm tip)
Intraocular Magnet (Tip Size - 14g, 16g, 20g, 23g)
Backflush Flute Needle with Silicon Tipped Cannula (20G)
Backflush Handle
Silicon Tips - Straight/Curved soft tip (20G/23G)
Straight/Curved brush tip (20G/23G)
Green Tip Cannula (20G/23G)
Detachment Forceps

Product Sets

Lacrimal



Belz Lacrimal Sac Rongeur
Z - 4490



Benger Probe Set
Z - 4123



Bowman Lacrimal Probe - 00 and 0
Z - 4101



Bowman Lacrimal Probe - 1 and 2
Z - 4102



Bowman Lacrimal Probe - 5 and 6
Z - 4104



Curved Iris Scissors
Z - 3305



Benger Probe Hook
Z - 4122



Bishop-Harmon Straight Tissue Forceps
Z - 1400



Bowman Lacrimal Probe - 0000 and 000
Z - 4100



Bowman Lacrimal Probe - 3 and 4
Z - 4103



Bowman Lacrimal Probe - 7 and 8
Z - 4105



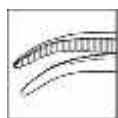
Castroviejo Suturing Forceps
Z - 1696

Product Sets

Lacrimal



Castroviejo Needle Holder - Straight with Lock
Z - 3750



Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



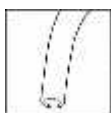
Kalt Needle Holder
Z - 3703



Knapp Lacrimal Sac Retractor - 135mm
Z - 4438



Lacrimal Cannula
Z - 4300



Lacrimal Cannula - Curved tip
Z - 4306



Lacrimal Cannula
Z - 4310



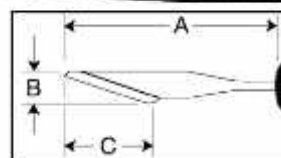
Castroviejo Suturing Forceps
Z - 1698



Halstead Straight Hemostatic Mosquito Forceps
Z - 3820



Kerrison Rongeur #0
Z - 1850



ZABBY'S EDGE Stab Knife - 15 Degree
Z - 7415



Lacrimal Cannula - Straight tip
Z - 4304

Product Sets

Lacrimal



Maumenee-Park Speculum
Z - 3907



Lead Filled Mallet
Z - 1682



Quickert Lacrimal Intubation Probe
00mm TO 4mm
E4220



Nasal Speculum
Z - 2001



McCullough Utility Forceps - Smooth
Z - 1814



Quickert Grooved Director
Z - 4120 15



Ruedemann Lacrimal Dilator
Z - 4266



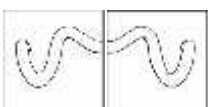
Schaedel Towel Clamp
Z - 6674



Stevens Curved Tenotomy Scissors
Z - 3462



Stevenson Lacrimal Sac Retractor
Z - 4400



Worst Pigtail Probe
Z - 4151



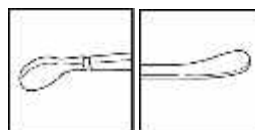
Straight Eye Scissors
Z - 3324

Product Sets

Lacrimal



Tenzel Bipolar Forceps
Z - 1950 12 (Optional)



Tenzel Double Ended Periosteal Elevator
Z - 4495



West Lacrimal Cannula
Z - 4318



West Lacrimal Sac Chisel
Z - 4500



Westcott Type Stitch Scissors
Z - 3221



Wilder Lacrimal Dilator - short
Z - 4260



Wilder Lacrimal Dilator - Medium
Z - 4261



Wilder Lacrimal Dilator - long
Z - 4262



Straight Dressing Forceps With Serrations
Z - 1300

Product Sets

Lid set



Bard-Parker Handle
Z - 0234



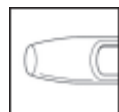
Berke Ptosis Forceps
Z - 2400



Castroviejo Caliper
Z - 2304



Castroviejo Suturing Forceps
Z - 1696



Chalazion Trephine Blade - 2.0mm
Z - 2690 (Optional)



Desmarres Lid Retractor - Size 0
Z - 0880



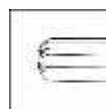
Desmarres Lid Retractor - Size 2
Z - 0882



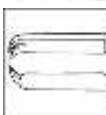
Barraquer Needle Holder - Curved
Z - 3728 CWO



Castroviejo Blade Breaker and Holder
Z - 0058



Castroviejo Fixation Forceps
Z - 1693



Castroviejo Suturing Forceps
Z - 1698



Demarres Chalazion Forceps - 24mm
Z - 2504



Desmarres Lid Retractor - Size 1
Z - 0881



Double Fixation Hook
Z - E0433

Product Sets

Lid Set



Graefe Strabismus Hook
Z - 0492



Graefe Strabismus Hook
Z - 0491



Jaeger Lid Plate
Z - 0964



Lambert Chalazion Forceps - Small
Z - 2530



McCullough Utility Forceps - Smooth
Z - 1814



Microsurgical Instrument Tray
Z - 7314



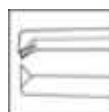
Graefe Strabismus Hook
Z - 0493



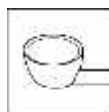
Halstead Curved Hemostatic Mosquito Forceps
Z - 3822



Kalt Needle Holder
Z - 3703



Lester Fixation Forceps
Z - 1554



Meyerhoeffer Chalazion Curette
1.5mm cup TO 2.5mm cup
Z - 0680



Schaedel Towel Clamp
Z - 6674

Product Sets

Lid Set



Stevens Curved Tenotomy Scissors
Z - 3462



Straight Eye Scissors
Z - 3324



Tenzel Bipolar Forceps
Z - 1950 12 (Optional)



Westcott Type Stitch Scissors
Z - 3221



Straight Dressing Forceps With Serrations
Z - 1300



ZABBY'S Micro Eye Sponge
Z - 0876



Westcott Curved Tenotomy Scissors, Right
Z - 3220 R