



Ophthalmic Surgical Instruments





Welcome to Optico

Optico is a small, entrepreneurial company with our manufacturing facility in Hertfordshire, England. Since our formation we have seen strong growth and an expanding network of satisfied customers worldwide.

Our team of highly skilled instrument craftsmen have a wealth of manufacturing experience and have been creating exceptional instruments for the ophthalmic industry for over 30 years.

These skills, combined with up-to-date technology, our desire for perfection and our strong customer focus, provides Optico with a strong foundation on which to build and continue to compete in this challenging but exciting industry.

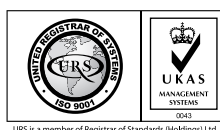
Our Products

Optico offers a range of titanium ophthalmic instruments for both posterior and anterior surgical procedures. Developed in association with leading surgeons worldwide, our products offer outstanding quality, absolute precision and compliment the skill of the surgeon.

In addition to our product range, Optico also offers a fast and efficient repair service to all makes of ophthalmic instruments.

Our Quality.....

All our instruments are manufactured from the finest quality materials and we operate a rigorous quality management system certified to ISO9001, ISO13485, CE requirements and FDA registration.



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MICRO ANTERIOR INSTRUMENTS

These Micro Anterior instruments offer the surgeon excellent control when performing delicate procedures through small incisions. The unique smooth action squeeze handle is manufactured from high quality titanium and is anodised blue. The curved shaft enables ease of access and manipulation through a side port incision and the stationary distal tips eliminate any unintended movement. The tubes and tips are manufactured from corrosion resistant stainless steel. All of the above features work together to create an exceptional instrument, which is not only strong and durable but also lightweight with a delicate and tactile feel.

MICRO ANTERIOR FORCEPS



50-101	23g Micro Capsulorhexis Forceps Curved shaft - length 25mm	• Tip length – 0.9mm • Precision formed jaws can be used to make initial tear to start capsulorhexis and specially designed platform in jaws allows a secure grip and control of capsule tear	
50-102	23g Micro Capsulorhexis Forceps Curved shaft - length 15mm	• Angled jaws for better visualisation	
50-103	21g Micro Capsulorhexis Forceps Curved Shaft - length 25mm	• Tip length – 3.8mm • Delicate jaws with grasping platform	
50-104	23g Golenvaux Micro-Capsulorhexis Curved Shaft - length 18mm	• Tip length – 0.6mm • Grasping platform for secure grip and control of capsular tear • Angled jaws for better visualisation	
50-105	21g Micro Capsulorhexis Forceps Curved Shaft – length 15mm	• Tip length 1.5mm • Grasping platform	

50-203

23g PRASAD Micro Grasping Forceps

Curved shaft - length 25mm

(Designed in collaboration with
Consultant Ophthalmologist
Mr Som Prasad of Wirral Hospital, UK)

- Tip length - 3mm
- Curved shaft for ease of access and manipulation through a side port incision
- Angled jaws for better visualisation
- Tungsten coating on inner surface of jaws for optimal gripping
- Ideal for controlling the capsular tear in difficult situations like subluxed lenses and grasping delicate iris tissues



50-204

23g PRASAD Micro Tying Forceps

Curved shaft - length 25mm

(Designed in collaboration with
Consultant Ophthalmologist
Mr Som Prasad of Wirral Hospital, UK)

- Tip length - 2.65mm
- Curved shaft for ease of access and manipulation through a side port incision
- Tungsten coating on inner surface of jaws for optimal gripping
- Ideal for intraocular suturing as in iris reconstruction



MICRO ANTERIOR SCISSORS



50-201

23g Multi Purpose Scissors

Curved shaft - length 25mm

- Tip length – 3mm
- A versatile and multi-functional instrument, ideal for:-
- Cutting the capsulorhexis margin



50-202

23g Multi Purpose Scissors

Curved shaft - length 15mm

- Making an incision in the edge of the shrunk capsulorhexis
- Recovery of the anterior capsular tear
- Enlarging a small pupil by making small cuts to the iris margin
- Severing the vitreous strand at the papillary margin

MICRO ANTERIOR SCISSORS Continued



50-201-1 **23g Multi Purpose Scissors – Horizontal Blades**

Curved Shaft – length 15mm

- Tip length – 3mm
- A versatile and multi-functional scissors with the blades in the horizontal position



50-201-2 **23g Multi Purpose Scissors – Horizontal Blades**

Curved Shaft – length 21mm

- Tip length – 3mm
- A versatile and multi-functional scissors with the blades in the horizontal position



50-207 **23g Curved Scissors**

Curved shaft – length 30mm

- Tip length – 2mm
- 23g stainless steel scissors are designed to be used in cases such as papillary phimosis for dissecting, dividing and removing membranes with minimal stress



50-207-1 **23g Curved Scissors**

Curved shaft – length 15mm

- Tip length – 2.32mm
- 23g Stainless Steel scissors designed for dissecting and removing membranes with minimal stress.



50-211 **23g 135° Horizontal Scissors**

Curved shaft – length 25mm



CORNEA FORCEPS



50-205

23g Cornea Forceps – Side Orientation

Curved shaft – length 28mm

(Designed in collaboration with Consultant Ophthalmic Surgeon, Mr. Sathish Srinivasan, University Hospital, Ayr)

- 23g delicately shaped jaws are ideal for entry through a paracentesis wound and offer secure, non traumatic grasping of the donor disc



- Donor disc can be pulled into the anterior chamber without the need to fold the disc

50-208

23g Cornea Forceps – Front Orientation

Curved shaft – length 28mm

- Curved shaft and vertically oriented squeeze handle ensures the jaws are at the right surgical plane

SRINIVASAN CAPSULORHEXIS CENTRATION MARKER

Designed in collaboration with Mr. Sathish Srinivasan, Consultant Ophthalmologist at University Hospital Ayr, Scotland

This marker helps to centre the capsulorhexis over the patient's visual axis, thus enabling the surgeon to perform a well centered and symmetrical capsulotomy. The cross hair on the capsulorhexis marker is placed exactly over the first purkinje image with the patient directed to look into the operating microscope's light.



35-200

Single End Marker – 6mm

35-201

Single End Marker – 5.5mm



35-202

Double End Marker – 6mm/5.5mm



IOL FORCEPS AND SCISSORS

These instruments have been designed for removing soft silicone and acrylic IOL's through a 1.5mm incision



50-214

20g IOL Holding Forceps

Curved Shaft – length 20mm

- 20g Stainless Steel tips with grooves on the inside of the jaws for secure gripping of the lens



50-215

18g IOL Scissors

Curved Shaft – length 20mm

- 18g Stainless Steel tips with small serrations on the inside of both blades to prevent the lens slipping during cutting and removal.



50-216

18g IOL Scissors

Straight Shaft – length 15mm

- 18g Stainless Steel tips with small serrations on the inside of both blades to prevent the lens slipping during cutting and removal



HAPTIC CUTTER

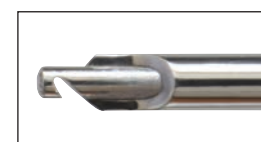


50-206

20g Haptic Cutter

Straight shaft – length 30mm

- 20g hooked tip grasps the haptic to enable smooth cutting action when closing handle

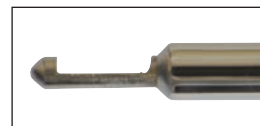


GLAUCOMA INSTRUMENTS



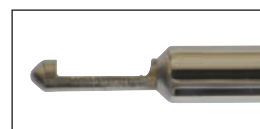
50-300 Glaucoma Punch – 0.5mm

- Tip designed to punch 0.5mm
- Can repeat punch action to create larger sclerostomy



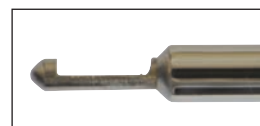
50-301 Glaucoma Punch – 0.75mm

- Tip designed to punch 0.75mm
- Can repeat punch action to create larger sclerostomy



50-302 Glaucoma Punch – 0.6mm

- Tip designed to punch 0.6mm
- Can repeat punch action to create larger sclerostomy



Range

One handle – multiple heads

Many of our Micro Anterior Instruments are available in our new C Range with detachable heads for easier cleaning. See Page 35 for further information on the C Range products or contact our friendly Optico team who will be pleased to assist.

Do you have a new product idea?

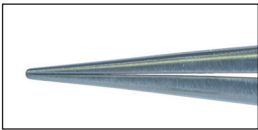
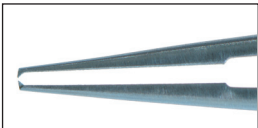
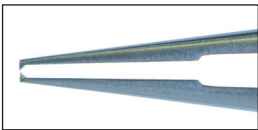
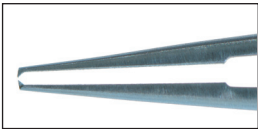
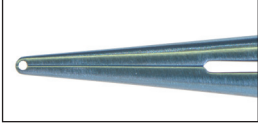
OPTICO has worked with leading surgeons worldwide to develop new products. We can assist you to make your idea a reality.

ANTERIOR INSTRUMENTS

OPTICO recognises the need for surgeons to work with high quality instruments that perform as intended every time. Our titanium anterior instruments are made from the finest quality materials, are anodised blue and feature tungsten carbide coated tips for secure gripping.

FLAT HANDLE STRAIGHT FORCEPS



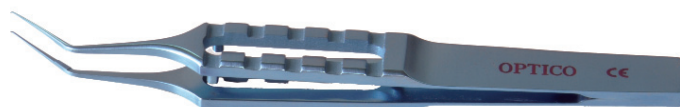
10-101	Straight Tying	• Plain tying – no platform • Tungsten coated • Length 90mm	
10-102	Straight Tying with Platform	• 6mm tying platform • Tungsten coated • Length 90mm	
10-103	Straight Oblique Toothed	• 1 x 2 oblique teeth, 0.12mm • 6mm tying platform • Tungsten coated • Length 90mm	
10-103-1	<i>As above but with 0.1mm teeth</i>		
10-104	Straight Bonn Toothed	• 1 x 2 teeth, 0.12mm • 6mm tying platform • Tungsten coated • Length 90mm	
10-104-1	<i>As above but with 0.1mm teeth</i>		
10-105	Straight Oblique Toothed	• 1 x 2 oblique teeth, 0.3mm • 6mm tying platform • Tungsten coated • Length 90mm	
10-106	Straight Notched	• 0.25mm Notch • 6mm tying platform • Tungsten coated • Length 90mm	
10-106-1	<i>As above but with 0.2mm Notch</i>		
10-106-2	<i>As above but with 0.3mm Notch</i>		

FLAT HANDLE CURVED FORCEPS



10-107	Curved Tying	• Plain tying tips – no platform • Tungsten coated tips • Length 88mm	
10-108	Curved Tying with Platform	• 6mm tying platform • Tungsten coated tips • Length 88mm	
10-109	Curved Oblique Toothed	• 1 x 2 oblique teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 88mm	
10-110	Curved Bonn Toothed	• 1 x 2 bonn teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 88mm	
10-111	Curved Notched	• 0.25mm Notch • 6mm tying platform • Tungsten coated tips • Length 88mm	
10-111-1	<i>As above but with 0.2mm Notch</i>		
10-111-2	<i>As above but with 0.3mm Notch</i>		

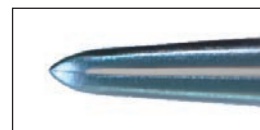
FLAT HANDLE CAPSULORHEXIS FORCEPS



10-112	Capsulorhexis Utrata Curved	• 45° Angle, Tip to Angle 12mm • Gentle curve from bend to tip • Length 85mm	
10-113	Capsulorhexis Utrata Straight	• 45° Angle, Tip to Angle 12mm • Straight from bend to tip • Length 85mm	

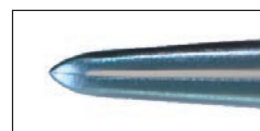
10-114 Capsulorhexis Corydon Curved

- 45° Angle, Tip to Angle 12mm
- Gentle curve from bend to tip
- Length 85mm



10-115 Capsulorhexis Corydon Straight

- 45° Angle, Tip to Angle 12mm
- Straight from bend to tip
- Length 85mm



FLAT HANDLE MCPHERSON FORCEPS



10-300 McPherson Tying – 7mm

- 45° Angle, Tip to Angle 7mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



10-301 McPherson Tying – 9mm

- 45° Angle, Tip to Angle 9mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



10-302 McPherson Tying – 10mm

- 45° Angle, Tip to Angle 10mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



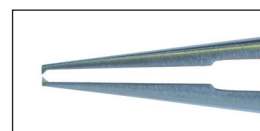
10-303 McPherson Tying – 12mm

- 45° Angle, Tip to Angle 12mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



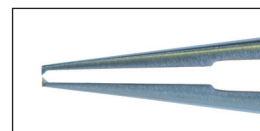
10-304 McPherson Toothed – 7mm

- 45° Angle, Tip to Angle 7mm
- 1 x 2 teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



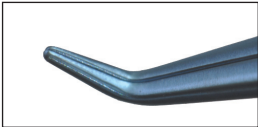
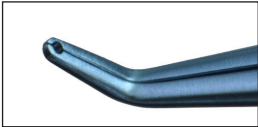
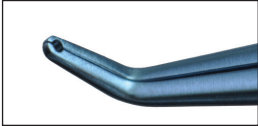
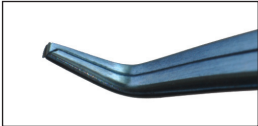
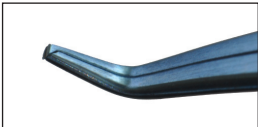
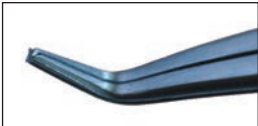
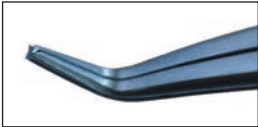
10-305 McPherson Toothed – 10mm

- 45° Angle, Tip to Angle 10mm
- 1 x 2 teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 87mm



FLAT HANDLE COLIBRI FORCEPS



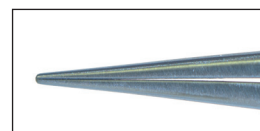
10-201	Colibri Tying	• Plain Tying Tips • Tungsten coated tips	
10-201-1	<i>As above but with 6mm tying platform</i>	• Length 89mm	
10-203	Colibri Notched	• 0.25mm Notch • 6mm tying platform • Tungsten coated tips • Length 89mm	
10-206	Colibri Notched	• 0.2mm Notch • 6mm tying platform • Tungsten coated tips • Length 89mm	
10-211	Colibri Bonn Toothed – with platform	• 1 x 2 bonn teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 89mm	
10-212	Colibri Bonn Toothed – no platform	• 1 x 2 bonn teeth, 0.12mm • Tungsten coated tips • Length 89mm	
10-213	Colibri Oblique Toothed – with platform	• 1 x 2 oblique teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 89mm	
10-214	Colibri Oblique Toothed – no platform	• 1 x 2 oblique teeth, 0.12mm • Tungsten coated tips • Length 89mm	

COLIBRI 'S' STYLE



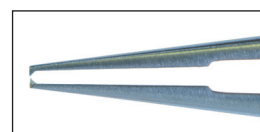
10-220 Colibri 'S' Style Tying

- Plain Tying Tips
- Tungsten coated tips
- Length 88mm



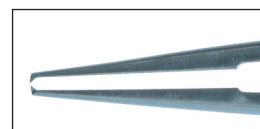
10-221 Colibri 'S' Style Bonn Toothed

- 1 x 2 teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 88mm



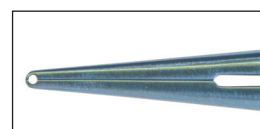
10-222 Colibri 'S' Style Oblique Toothed

- 1 x 2 oblique teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 88mm



10-223 Colibri 'S' Style Notched

- Tips – 0.25mm Notched
- 6mm tying platform
- Tungsten coated tips
- Length 88mm



LONG FLAT HANDLE FORCEPS – 115MM



10-401 Straight Tying with Platform

- Plain Tying Tips
- 6mm tying platform
- Tungsten coated tips

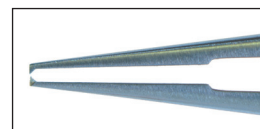


10-401-1 *As above but with no platform*

- Tungsten coated tips

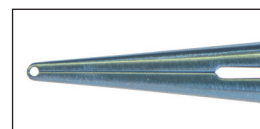
10-402 Bonn Toothed

- 1 x 2 bonn teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips



10-403 Straight Notched

- Tips – 0.25mm Notched
- 6mm tying platform
- Tungsten coated tips



10-404 Curved Tying with Platform

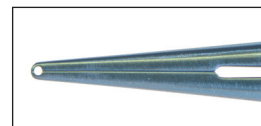
10-404-1 *As above but with no platform*

- Plain Tying Tips
- 6mm tying platform
- Tungsten coated tips



10-405 Curved Notched

- Tips – 0.25mm Notched
- 6mm tying platform
- Tungsten coated tips

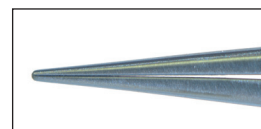


ROUND HANDLE STRAIGHT FORCEPS



10-501 Straight Tying

- Plain Tying - no platform
- Tungsten coated tips
- Length 113mm



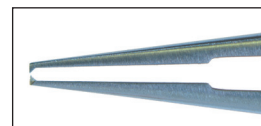
10-502 Straight Tying with Platform

- 6mm tying platform
- Tungsten coated tips
- Length 113mm



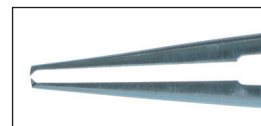
10-503 Bonn Toothed

- 1 x 2 teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 113mm



10-504 Oblique Toothed

- 1 x 2 oblique teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 113mm

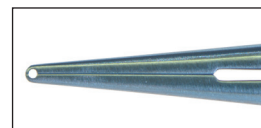


10-505 Straight Notched

10-505-1 *As above but with 0.2mm Notch*

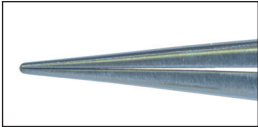
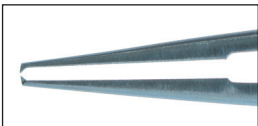
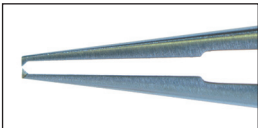
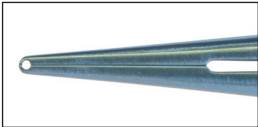
10-505-2 *As above but with 0.3mm Notch*

- Tips – 0.25mm Notched
- 6mm Tying Platform
- Tungsten coated tips
- Length 113mm



ROUND HANDLE CURVED FORCEPS



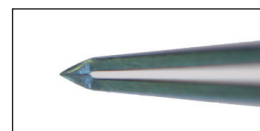
10-506	Curved Tying	• Plain Tying Tips • Tungsten Coating • Length 113mm	
10-506-1	Curved Tying – with platform	• 6mm tying platform • Tungsten coated tips • Length 113mm	
10-520	Curved Oblique Toothed	• 1 x 2 oblique teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 113mm	
10-521	Curved Bonn Toothed	• 1 x 2 bonn teeth, 0.12mm • 6mm tying platform • Tungsten coated tips • Length 113mm	
10-522	Curved Notched	• Tips – 0.25mm Notched • 6mm tying platform	
10-522-1	<i>As above but with 0.2mm Notch</i>		
10-522-2	<i>As above but with 0.3mm Notch</i>		

Our highly skilled workforce have been creating exceptional instruments for the ophthalmic industry for over 30 years

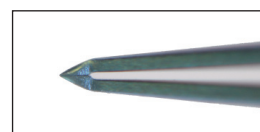
ROUND HANDLE CAPSULORHEXIS FORCEPS



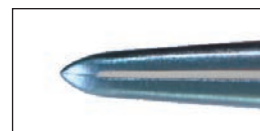
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| 10-507 | Capsulorhexis Utrata Curved | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 12mm • Gentle curve from bend to tip |
| 10-507-1 | <i>As above but with Tip to Angle 13mm</i> | <ul style="list-style-type: none"> • Length 112mm |



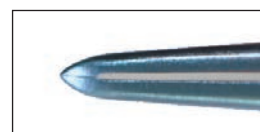
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|-----------------|--|---|
| 10-508 | Capsulorhexis Utrata Straight | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 12mm • Straight from bend to tip |
| 10-508-3 | <i>As above but with Tip to Angle 11mm</i> | <ul style="list-style-type: none"> • Length 112mm |



- | | | |
|---------------|---------------------------------------|---|
| 10-509 | Capsulorhexis Corydon Straight | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 12mm • Straight from bend to tip |
| | | <ul style="list-style-type: none"> • Length 112mm |



- | | | |
|---------------|-------------------------------------|---|
| 10-510 | Capsulorhexis Corydon Curved | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 12mm • Gentle curve from bend to tip |
| | | <ul style="list-style-type: none"> • Length 112mm |



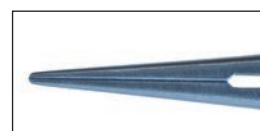
ROUND HANDLE MCPHERSON FORCEPS



- | | | |
|---------------|------------------------------|---|
| 10-511 | McPherson Tying – 8mm | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 8mm • 6mm tying platform • Tungsten coated tips • Length 111mm |
|---------------|------------------------------|---|



- | | | |
|---------------|------------------------------|---|
| 10-514 | McPherson Tying – 7mm | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 7mm • 6mm tying platform • Tungsten coated tips • Length 108mm |
|---------------|------------------------------|---|



- | | | |
|---------------|------------------------------|---|
| 10-515 | McPherson Tying – 9mm | <ul style="list-style-type: none"> • 45° Angle, Tip to Angle 9mm • 6mm tying platform • Tungsten coated tips • Length 112mm |
|---------------|------------------------------|---|



10-516 McPherson Tying – 10mm

- 45° Angle, Tip to Angle 10mm
- 6mm tying platform
- Tungsten coated tips
- Length 114mm



10-517 McPherson Tying – 12mm

- 45° Angle, Tip to Angle 12mm
- 6mm tying platform
- Tungsten coated tips
- Length 116mm

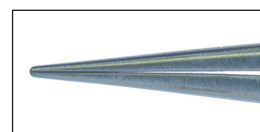


**CASTROVIEJO HANDLE
STRAIGHT FORCEPS**



10-600 Straight Tying

- Plain Tying Tips
- Tungsten coating
- Length 102mm



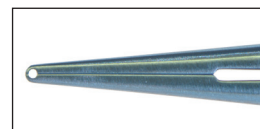
10-601 Straight Tying with Platform

- 6mm Tying Platform
- Tungsten coated tips
- Length 102mm



10-606 Straight Notched

- 0.25mm Notch
- 6mm tying platform
- Tungsten coated tips
- Length 102mm

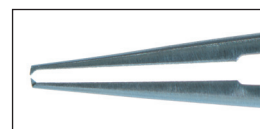


10-606-1 *As above but with 0.2mm Notch*

10-606-2 *As above but with 0.3mm Notch*

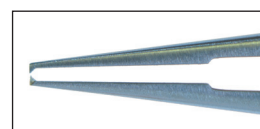
10-607 Straight Oblique Toothed

- 1 x 2 oblique teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 102mm



10-608 Straight Bonn Toothed

- 1 x 2 bonn teeth, 0.12mm
- 6mm tying platform
- Tungsten coated tips
- Length 102mm

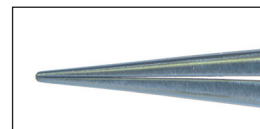


CASTROVIEJO HANDLES CURVED FORCEPS



10-602 Curved Tying

- Plain Tying Tips
- Tungsten coated tips
- Length 102mm



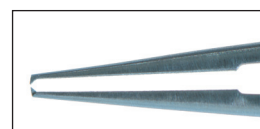
10-603 Curved Tying with Platform

- 6mm tying platform
- Tungsten coated tips
- Length 102mm



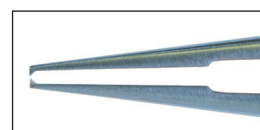
10-609 Curved Oblique Toothed

- 1 x 2 oblique teeth, 0.12mm
- 6mm Tying Platform
- Tungsten coated tips
- Length 102mm



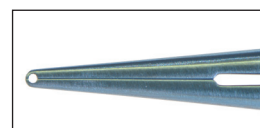
10-610 Curved Bonn Toothed

- 1 x 2 bonn teeth, 0.12mm
- 6mm Tying Platform
- Tungsten coated tips
- Length 102mm



10-611 Curved Notched

- 0.25mm Notch
- 6mm Tying platform
- Length 102mm



10-611-1 *As above but with 0.2mm Notch*

10-611-2 *As above but with 0.3mm Notch*

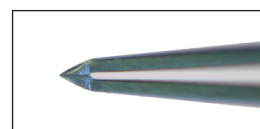
CASTROVIEJO HANDLES CAPSULORHEXIS FORCEPS



10-604 Capsulorhexis Utrata Straight

10-604-1 *As above but Tip to Angle 11mm – total length 100mm*

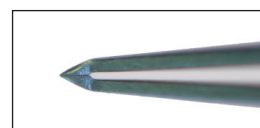
- 45° Angle, Tip to Angle 12mm
- Straight from bend to tip
- Length 101mm



10-605 Capsulorhexis Utrata Curved

10-605-1 *As above but Tip to Angle 11mm*

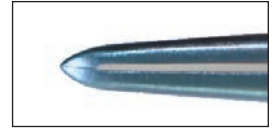
- 45° Angle, Tip to Angle 12mm
- Gentle curve from bend to tip
- Length 100mm



CASTROVIEJO HANDLES CAPSULORHEXIS FORCEPS Continued

10-612 Capsulorhexis Corydon Straight

- 45° Angle, Tip to Angle 12mm
- Straight from bend to tip
- Length 101mm



10-613 Capsulorhexis Corydon Curved

- 45° Angle, Tip to Angle 12mm
- Gentle curve from bend to tip
- Length 100mm



CASTROVIEJO HANDLES McPHERSON FORCEPS



10-614 McPherson Tying – 7mm

- 45° Angle, Tip to Angle 7mm
- 6mm tying platform
- Tungsten coated tips
- Length 100mm



10-615 McPherson Tying – 9mm

- 45° Angle, Tip to Angle 9mm
- 6mm tying platform
- Tungsten coated tips
- Length 100mm



10-616 McPherson Tying – 10mm

- 45° Angle, Tip to Angle 10mm
- 6mm tying platform
- Tungsten coated tips
- Length 100mm



10-617 McPherson Tying – 12mm

- 45° Angle, Tip to Angle 12mm
- 6mm tying platform
- Tungsten coated tips
- Length 100mm



CROSS ACTION CAPSULORHEXIS FORCEPS

10-704 Cross Action Serrated Capsulorheixs

- 45° Angle, Tip to Angle 14mm
- Serrated interlocking tips for enhanced gripping of capsule
- Gentle curve from bend to tip
- Length 105mm



10-705 Cross Action Capsulorhexis

- 45° Angle, Tip to Angle 14mm
- Cross hatch lines on tips for enhanced gripping of capsule
- Gentle curve from bend to tip
- Length 105mm



CAPSULORHEXIS FORCEPS CONTROLLED OPENING

The following micro capsulorhexis forceps have been designed for use in sub 2mm incisions and have restricted opening to reduce wound stretching and distortion.

10-618 Capsulorhexis Forceps

- 45° Angle, tip to Angle 12mm
- Gentle curve from bend to tips
- Cross hatch lines on tips for enhanced gripping of capsule



10-619 Capsulorhexis Forceps

- 45° Angle, tip to Angle 12mm
- Scalloped Tips
- Gentle curve from bend to tips
- Interlocking teeth on tips for enhanced gripping



IOL INSTRUMENTS

10-706 Cross Action Nucleus Cracker

- Overall length – 95mm
- Tips – 1.5 x 1.3 Paddle Style
- 30° Angle, Tip to Angle 16mm



10-707 IOL Lens Cutter – Angled

- Overall length – 93mm
- 145° Angled Scissors
- Length of Tips – 8mm
- Width of Tips – 0.50mm



10-708 IOL Lens Cutter – Straight

- Overall length – 95mm
- 145° Straight Scissors
- Length of Tips – 8mm
- Width of Tips – 0.50mm



20-101 IOL Insertion Forceps – without lock

- Without lock
- Fine, highly polished



20-102 IOL Insertion Forceps - with lock

- With lock
- Fine, highly polished tip



20-104 IOL Folding Forceps - Flat Handle

- Overall length – 110mm
- Direct Action
- 6mm IOL



20-105 IOL Folding Forceps – Castroviejo Handle

- Overall length – 105mm
- Direct Action
- 5.5/6mm IOL's



20-106 Lens Holding Forceps

- Overall length – 110mm
- Kelman/McPherson – Polished tips



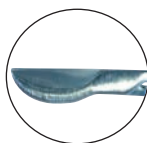
20-112 IOL Insertion Forceps – Flat Handle

- 11mm smooth, highly polished jaws
- 55° Angle
- Total length 113mm



20-115 Akahoshi Prechopper

- Designed to prechop soft nuclei to reduce phaco time



20-116 Micro Prechopper

- Tip of instrument has a sharp point to penetrate the nucleus
- Designed to crack nucleus with minimal stretching of wound



SPECULUM

10-800 Lieberman Speculum - V-Wire



10-801 Lieberman Speculum - K-Wire



PROBES, SPATULAS AND HOOKS

Single End



The instruments shown below are just a small selection of our most popular probes, spatulas and hooks. We manufacture an extensive range, so if your instrument requirement is not featured below please contact us for assistance.



30-105 Extra Fine Sinskey Hook

- 45° Angled Tip
- Tip to angle 10mm
- Length 115mm



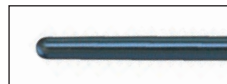
30-110 Angled "Y" Pusher

- 45° Angled 'Y' Tip
- Tip to angle 10mm
- Length 103mm



30-111 Lester Style Lens Manipulator – Angled

- 45° Angled Tip
- Tip to angle 10mm
- Length 105mm



30-113 Phaco Spatula Blunt

- 45° Angled Tip
- Tip to angle 12mm
- Length 105mm



30-114 Nucleus Manipulator

- 45° Angled Tip
- Tip to angle 10mm
- Length 106mm



30-115 Angled 90° Nucleus Divider

- 45° Angled Tip
- Tip to angle 12mm
- Length 111mm



30-116 Angled 60° Nucleus Divider

- 45° Angled Tip
- Tip to Angle 12mm
- Length 111mm



30-118 Lester Style Lens Manipulator – Straight

- Straight along entire length of shaft
- Length 116mm



30-119 Reverse Sinskey Hook

- 45° Angled Tip
- Ideal for scoring and stripping Descemet membranes in DSEK Procedures
- Length 111mm



30-123 Neuhann Nucleus Dividing – Hook

- Tip to bend 10mm
- Angled with curved front
- Delicate rounded tip

Double End



Double End probes can be made using any combination of the above tips

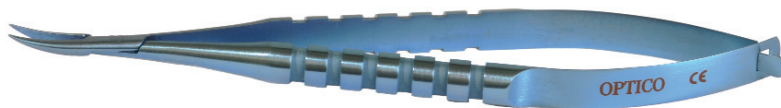
FIXATION INSTRUMENTS

35-101 Swivel Head Thornton Ring 13mm diameter ring



NEEDLEHOLDERS

Curved



40-101	Needleholder with lock – 110mm	• Fine Curved Jaws • With Lock
40-102	Needleholder without lock – 110mm	• Fine Curved Jaws • Without Lock
40-103	Needleholder with lock – 127mm	• Fine Curved Jaws • With Lock
40-104	Needleholder without lock – 127mm	• Fine Curved Jaws • Without lock
40-109	Fine Curved Needleholder without lock	• Fine Curved Jaws • Without lock
40-105	Barraquer Needleholder with lock – 127mm	• Curved Jaws • With lock
40-106	Barraquer Needleholder without lock – 127mm	• Curved Jaws • Without lock
40-107	Barraquer Needleholder with lock – 110mm	• Curved Jaws • With lock
40-108	Barraquer Needleholder without lock –110mm	• Curved Jaws • Without lock

NEEDLEHOLDERS

Straight



40-201	Needleholder with lock – 110mm	• Fine Straight Jaws • With Lock
40-202	Needleholder without lock – 110mm	• Fine Straight Jaws • Without Lock
40-203	Needleholder with lock – 127mm	• Fine Straight Jaws • With Lock
40-204	Needleholder without lock – 127mm	• Fine Straight Jaws • Without Lock
40-205	Barraquer Needleholder with lock – 127mm	• Straight Jaws • With Lock
40-206	Barraquer Needleholder without lock – 127mm	• Straight Jaws • Without lock
40-207	Barraquer Needleholder with lock – 110mm	• Straight Jaws • With lock
40-208	Barraquer Needleholder without lock – 110mm	• Straight Jaws • Without lock



40-210	Short Needleholder	• Length 80mm • Straight Jaws
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STAINLESS STEEL SCISSORS

Manufactured from 100% German stainless steel.

41-000S Capsulotomy Scissors, VANNAS, Straight



41-001S Capsulotomy Scissors, VANNAS, Curved



41-002S Corneal Transplant Scissors, KATZIN, micro, right



41-003S Corneal Transplant Scissors, KATZIN, micro, left



41-004S Tenotomy Scissors, WESTCOTT, curved, blunt tips



41-005S Micro Iris Spring Handle Scissors, curved, 10cm



POSTERIOR INSTRUMENTS

Optico's range of vitreo retinal instruments are designed with a unique squeeze action handle. Made from 6.35mm titanium and increasing to 8mm at the handles grip, these instruments provide surgeons with an optimal gripping action and smooth 360° rotation, whilst remaining lightweight to minimise hand fatigue. The forceps and scissors have stationary distal tips which are made from highly corrosion resistant stainless steel and are available in 20g, 23g 25g and 27g. Many of our instruments can be used with Trocar Systems and these are indicated by the **T** symbol

20G FORCEPS AND SCISSORS



60-000	20g End Gripping Forceps Length of Shaft – 30mm	• Tip length – 3.5mm • 20g stainless steel fine blunt tipped forceps with small platform on each jaw • Ideal for precise grasping of delicate membranes	
60-100	20g Micro Gripping Forceps Length of Shaft – 30mm	• Tip length – 3.5mm • 20g stainless steel jaws excellent for ILM peeling and precise gripping of fine membranes	
60-101	20g Serrated Forceps Length of Shaft – 30mm	• Tip Length – 4mm • 20g stainless steel serrated jaws excellent for peeling and manipulating coarse and more fibrotic membranes • Serrations provide non-slip gripping	
60-106	20g Pick Forceps Length of Shaft – 30mm	• Tip length – 2.85mm • 20g stainless steel blunt angled jaws with groove on interior • Ideal for membrane peeling and stripping	

60-107	20g ILM Forceps Length of shaft – 30mm	• Tip length – 3.5mm • The jaws surface maximizes the gripping ability during ILM peeling • The shape of the delicate jaws offers perfect vision of the subjacent layer	
60-108	20g Straight Gripping Forceps With TC Jaws Length of shaft – 30mm	• Tip length – 3mm • Straight gripping forceps with tungsten carbide coating applied to inside of jaws to ensure superior gripping of delicate tissues	
60-109	20g Asymmetrical Forceps Length of shaft – 30mm	• Tip length – 1.4mm • The curvature of the jaws is perfect to tear and pick up delicate membranes • Hard wearing tungsten coating on jaws to maximise grip	
60-110	20g Ducournau Serrated Forceps Length of shaft – 30mm	• Tip length – 1.5mm • Serrations on jaws offer enhanced gripping. • Ideal for precise grasping of delicate membranes	
60-200	20g Straight Scissors Length of Shaft – 30mm	• Tip length – 3.6mm • 20g stainless steel straight scissor tips • Sharp tips are ideal for cutting in the iris plane and cutting peripheral membranes	

60-201

20g Curved Scissors

Length of Shaft – 30mm

- Tip length – 3mm
- 20g stainless steel curved scissor tips
- Sharp tipped curved scissors are ideal for cutting parallel to the retina and cutting membranes adherent to the retina surface



60-202

20g 135° Horizontal Scissors

Length of Shaft – 30mm

- Tip length – 3mm
- 20g stainless steel angled tips designed for cutting and dissecting membranes from retina surface

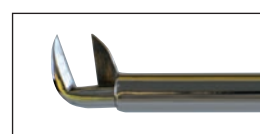


60-203

20g 45° Vertical Scissors

Length of Shaft – 30mm

- 20g stainless steel vertical scissor blades
- Curved lower edge of scissor blades ensure minimal risk to retina
- Precise blade alignment and stationary distal blade for precise control during cutting



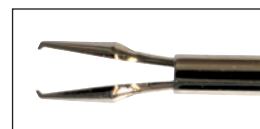
23G FORCEPS AND SCISSORS

60-300

23g Micro Gripping Forceps ^T

Length of Shaft – 30mm

- Tip length – 1.2mm
- 23g stainless steel jaws excellent for ILM peeling and precise gripping of fine membranes
- Suitable for use with 23g trocar system



60-300-1

23g Micro Gripping Forceps – Rounded Tips ^T

Length of shaft – 30mm

- Tip length – 1.3mm
- Ideal for ILM peeling and precise gripping of delicate membranes
- Suitable for use with 23g trocar system

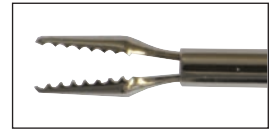


60-301

23g Serrated Forceps T

Length of Shaft – 30mm

- Tip length – 1.5mm
- 23g stainless steel serrated jaws excellent for peeling and manipulating thicker membranes
- Serrations provide non-slip gripping
- Suitable for use with 23g trocar system



60-303

23g Scalloped Asymmetrical Forceps T

Length of Shaft – 30mm

- Tip length – 0.90mm
- Curved jaws for precise grasping of ILM or fine epiretinal membranes.
- Hard wearing tungsten coating on jaws to maximise grip.
- Curved jaws provides improved visibility
- Suitable for use with 23g trocar system



60-304

23g Subretinal Forceps T

Length of Shaft – 30mm

- Tip length – 2mm
- 23g stainless steel forceps excellent for ILM peeling
- Suitable for use with 23g trocar system



60-305

23g Micro Gripping Long (3mm) T

Length of Shaft – 30mm

- Tip length – 3mm
- Long delicate jaws with grasping platforms
- Excellent for precise grasping of fine membranes
- Suitable for use with 23g trocar system



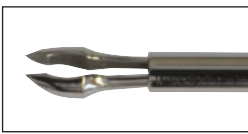
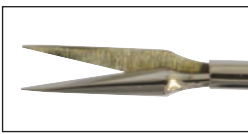
60-305-1

23g Micro Gripping Long (3mm) – Rounded Tips T

Length of Shaft – 30mm

- Tip length – 3mm
- Delicate jaws with grasping platforms
- Excellent for precise grasping of fine membranes
- Suitable for use with 23g trocar system



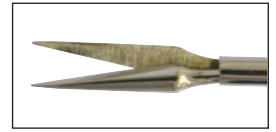
60-305-2	23g Myopic End Gripping Forceps  Length of shaft – 35mm	• Tip length – 3mm • Long delicate jaws with grasping platforms • Longer shaft makes this Instrument ideal for myopic patients. • Suitable for use with 23g trocar systems.	
60-306	23g ILM Forceps  Length of Shaft – 30mm (Designed in collaboration with Prof. Jean Paul Berrod, France)	• Tip length – 2mm • The jaws surface maximizes the gripping ability during ILM peeling. • The shape of the delicate jaws offers perfect vision of the subjacent layers • Suitable for use with 23g trocar system	
60-307	23g Str Micro Gripping with TC Jaws  Length of Shaft – 30mm	• Tip length – 3mm • Straight gripping forceps with tungsten carbide coating applied to inside of jaws to ensure superior gripping of delicate tissues • Suitable for use with 23g trocar system	
60-308	23g Asymmetrical Forceps  Length of Shaft – 30mm	• Tip length – 0.90mm • The curvature of the jaws is perfect to tear and pick up delicate membranes • Hard wearing tungsten coating on jaws to maximise grip • Suitable for use with 23g trocar system	
60-400	23g Straight Scissors  Length of Shaft – 30mm	• Tip length – 2.5mm • 23g stainless steel straight scissor tips • Sharp tips are ideal for cutting in the iris plane and peripheral membranes • Suitable for use with 23g trocar system	

60-400-1

23g Straight Scissors T

Length of Shaft – 33mm

- Tip length – 2.5mm
- 23g stainless steel straight scissor tips
- Sharp tips are ideal for cutting in the iris plane and peripheral membranes
- Suitable for use with 23g trocar system



60-401

23g Curved Trocar Scissors T

Length of Shaft – 30mm

- Tip length – 1.25mm
- 23g stainless steel curved scissor tips
- Curved tips are ideal for cutting parallel to the retina and cutting membranes adherent to the retina surface
- Suitable for use with 23g trocar system



60-402

23g 135° Horizontal Scissors

Length of Shaft – 30mm

- Tip length – 2.3mm
- 23g stainless steel angled tips are designed for cutting and dissecting membranes from retina surface



60-402-1

23g 135° Horizontal Scissors – Blunt Tips

Length of Shaft – 30mm

- Tip length – 2.3mm
- 23g stainless steel angled and blunt tips for cutting delicate retina membranes



60-403

23g Curved Scissors

Length of Shaft – 30mm

- Tip length – 2.3mm
- Curved tips for cutting parallel to the retina and membranes adherent to retina surface



60-404

23g Vertical Scissors – Blunt Tip T

Length of Shaft – 30mm

- Curved and blunt lower edge of scissor blades ensure minimal risk to retina
- Ideal for use with diabetic patients
- Suitable for use with 23g trocar system



60-405

23g Vertical Scissors

Length of Shaft – 30mm

- Curved lower edge of scissor blades ensure minimal risk to retina
- Precise blade alignment and stationary distal blades for precise control during cutting
- Suitable for use with 23g trocar system



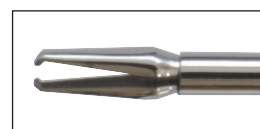
25G FORCEPS AND SCISSORS

60-500

25g Micro Gripping Forceps

Length of Shaft – 30mm

- Tip length – 1.2mm
- 25g stainless steel tips excellent for ILM peeling and precise gripping of fine membranes
- Suitable for use with 25g trocar systems

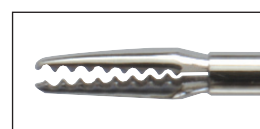


60-501

25g Serrated Forceps

Length of Shaft – 30mm

- Tip length – 1.5mm
- 25g stainless steel serrated tips excellent for peeling and manipulating thicker membranes
- Serrations provide non-slip gripping
- Suitable for use with 25g trocar systems



60-502

25g Pick Forceps

Length of Shaft – 30mm

- Tip length – 2mm
- 25g stainless steel tip for precise lifting of vitreous membranes
- Suitable for use with 25g trocar systems



60-503

25g ILM Forceps T

Length of Shaft – 30mm

- Tip length – 2mm
- The jaws surface maximizes the gripping ability during ILM peeling
- The shape of the delicate jaws offers perfect vision of the subjacent layers
- Suitable for use with 25g trocar system



60-505

25g Micro Gripping Long (3mm) T

Length of shaft – 30mm

- Tip length – 3mm
- Long delicate jaws with grasping platforms
- Excellent for precise grasping of fine membranes
- Suitable for use with 25g trocar system

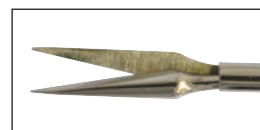


60-600

25g Straight Scissors T

Length of shaft – 30mm

- Tip length – 2.5mm
- 25g stainless steel straight scissor tips
- Sharp tips are ideal for cutting in the iris plane and peripheral membranes
- Suitable for use with 25g trocar system



60-601

25g Curved Trocar Scissors T

Length of shaft – 30mm

- Tip length – 1.2mm
- Curved tips are ideal for cutting parallel to the retina and cutting membranes adherent to the retina surface.
- Suitable for use with 25g trocar system



60-602

25g Vertical Scissors T

Length of shaft – 30mm

- Curved lower edge of scissor blades ensure minimal risk to retina
- Precise blade alignment and stationary distal blades for precise control during cutting
- Suitable for use with 25g trocar system



27G FORCEPS AND SCISSORS

60-700 27g Micro End Gripping **T**

Length of shaft – 30mm

- Tip length – 2mm
- 27g stainless steel delicate jaws with grasping platforms
- Excellent for precise grasping of delicate membranes
- Suitable for use with 27g trocar systems



60-701 27g Serrated Forceps **T**

Length of shaft – 30mm

- Tip length – 2mm
- 27g stainless steel serrated jaws for non-slip gripping of delicate membranes
- Suitable for use with 27g trocar systems



60-800 27g Curved Scissors **T**

Length of shaft – 30mm

- Tip length – 1.5mm
- 27g stainless steel gently curved scissors for cutting parallel to the retina
- Suitable for use with 27g trocar systems

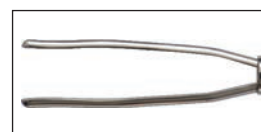


FOREIGN BODY FORCEPS

65-100 Foreign Body forceps

Length of Shaft 30mm

- Stainless steel tips with tungsten coating for improved gripping of intraocular foreign bodies



65-100-1 Foreign Body Forceps

Length of Shaft – 30mm

- Stainless steel tips with tungsten coating for improved gripping of intraocular foreign bodies



65-101 Magnet Foreign Body Forceps

Length of Shaft – 30mm

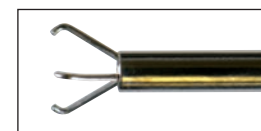
- Small but strong magnet on distal tip is ideal for removing small metal objects



65-102 3 Prong Foreign Body Forceps

Length of Shaft – 30mm

- Basket style with three prongs for gripping small objects



Introducing the new

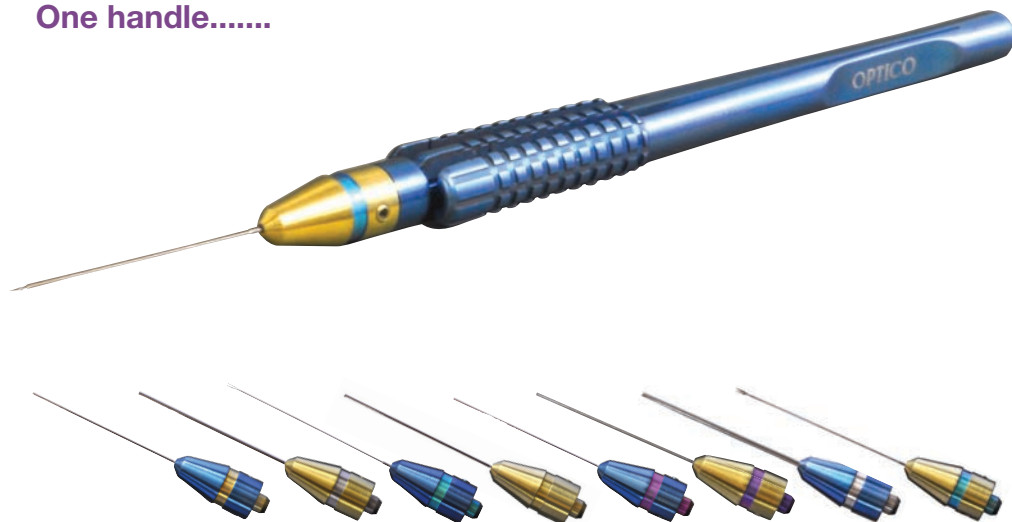


OPTICO LTD are proud to introduce the new C Range of micro incision instruments with removable heads. This new range incorporates all the style, performance, comfort and quality you have come to expect from OPTICO products

Easy attachment of heads to handle – just turn and ‘CLICK’...

It's never been easier – just choose the instrument heads you require and attach to our smooth action handle.

One handle.....



....Multiple heads of your choice

The removable heads enable easier cleaning of these delicate instruments and each instrument head will be supplied in our unique dual action protection cap and flush adaptor – Combo-Cap.



The instruments available in the C Range are shown below. For full descriptions and tip photos see pages 26 to 34 of this catalogue.

All instrument heads have been colour coded for ease of identification and each instrument is supplied with full assembly instructions.

These heads are for use with our C Range handle which is ordered separately and shown on Page 38 of this catalogue.

Many of our instruments can be used with Trocar Systems and these are indicated by the **T** symbol.

20G FORCEPS

COLOUR CODED – BLUE HEAD – SILVER BAND

60-000CT

20g End Gripping Forceps
Length of shaft 30mm

60-100CT

20g Micro Gripping Forceps
Length of shaft 30mm

60-101CT

20g Serrated Forceps
Length of shaft 30mm

60-106CT

20g Pick Forceps
Length of shaft 30mm

60-107CT

20g ILM Forceps
Length of shaft 30mm

60-108CT

20g Str Gripping Forceps
with TC Jaws
Length of shaft 30mm

60-109CT

20g Asymmetrical Forceps
Length of shaft 30mm

60-110CT

20g Ducournau Serrated Forceps
Length of shaft 30mm



20G SCISSORS

COLOUR CODED – GOLD HEAD – SILVER BAND

60-200CT

20g Straight Scissors
Length of shaft 30mm

60-201CT

20g Curved Scissors
Length of shaft 30mm

60-202CT

20g 135° Horizontal Scissors
Length of shaft 30mm



23G FORCEPS

COLOUR CODED – BLUE HEAD – GOLD BAND

60-300CT



23g Micro Gripping Forceps
Length of shaft 30mm

60-300-1CT



23g Micro Gripping Forceps
Rounded Tips
Length of shaft 30mm

60-301CT



23g Serrated Forceps
Length of shaft 30mm

60-303CT



23g Scalloped Asymmetrical
Length of shaft 30mm

60-304CT



23g Subretinal Forceps
Length of shaft 30mm

60-305CT



23g Micro Gripping Long (3mm)
Length of shaft 30mm



60-305-1CT

23g Micro Gripping Long
Rounded Tips
Length of shaft 30mm

60-305-2CT

23g Myopic End Gripping
Length of shaft 35mm

60-306CT

23g ILM Forceps
Length of shaft 30mm

60-307CT

23g Str Micro Gripping
With TC Jaws
Length of shaft 30mm

60-308CT

23g Asymmetrical Forceps
Length of shaft 30mm

23G SCISSORS**COLOUR CODED – GOLD HEAD – GOLD BAND****60-400CT**

23g Straight Scissors
Length of shaft 30mm

60-400-1CT

23g Straight Scissors
Length of shaft 33mm

60-401CT

23g Curved Trocar Scissors
Length of shaft 30mm

60-402CT

23g 135° Horizontal Scissors
Length of shaft 30mm

60-402-1CT

23g 135° Horizontal Scissors
Blunt Tips
Length of shaft 30mm

60-403CT

23g Curved Scissors
Length of shaft 30mm

25G FORCEPS**COLOUR CODED – BLUE HEAD – PURPLE BAND****60-500CT**

25g Micro Gripping Forceps
Length of shaft 30mm

60-501CT

25g Serrated Forceps
Length of shaft 30mm

60-502CT

25g Pick Forceps
Length of shaft 30mm

60-503CT

25g ILM Forceps
Length of shaft 30mm

60-505CT

25g Micro Gripping Long (3mm)
Length of shaft 30mm

25G SCISSORS**COLOUR CODED – GOLD HEAD – PURPLE BAND****60-600CT**

25g Straight Scissors
Length of shaft 30mm

60-601CT

25g Curved Scissors
Length of shaft 30mm

27G FORCEPS

COLOUR CODED – BLUE HEAD – GREEN BAND

60-700CT



27g Micro End Gripping
Length of shaft 30mm

60-701CT



27g Serrated Forceps
Length of shaft 30mm



27G SCISSORS

COLOUR CODED – GOLD HEAD – GREEN BAND

60-800CT



27g Curved Scissors
Length of shaft 30mm



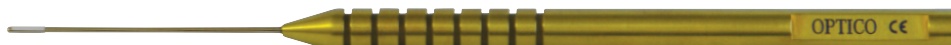
C RANGE HANDLE

Lightweight titanium handle with bayonet fitting for use with all C Range heads.

61-000CT



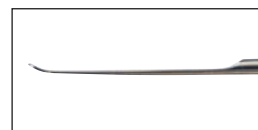
MEMBRANE INSTRUMENTS



80-100

23g Membrane Spatula Curved

- Ø 6.35mm Titanium Handle
- 23g Stainless Steel blunt spatula
For manipulating retinal membranes



80-101

23G Membrane Pick

- Ø 6.35mm Titanium handle
- 23g Stainless steel tip for
picking delicate membranes

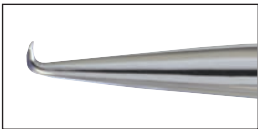


80-102

Membrane Spatula with Knife edge

- Ø 6.35mm Titanium handle
- 20g Stainless steel membrane
spatula with knife edge for
dissection of retinal
membranes



80-103	Membrane Spatula Curved	• Ø 6.35mm Titanium handle • 20g Stainless Steel blunt curved spatula for manipulating retinal membranes	
80-104	Membrane Pick	• Ø 6.35mm Titanium handle • 20g Stainless steel 90° Pick	
80-105	Membrane Peeler	• Ø 6.35mm Titanium handle • 20g Stainless steel blunt, rounded tip with groove in shaft for peeling membranes	
80-106	Membrane Knob	• Ø 6.35mm Titanium handle • 20g Stainless steel angled tip with smooth ball shape, ideal for gentle manipulation of delicate membranes	
80-107	25g Membrane Pick	• Ø 6.35mm Titanium Handle • 25g Stainless Steel Pick	

SCLERAL DEPRESSOR

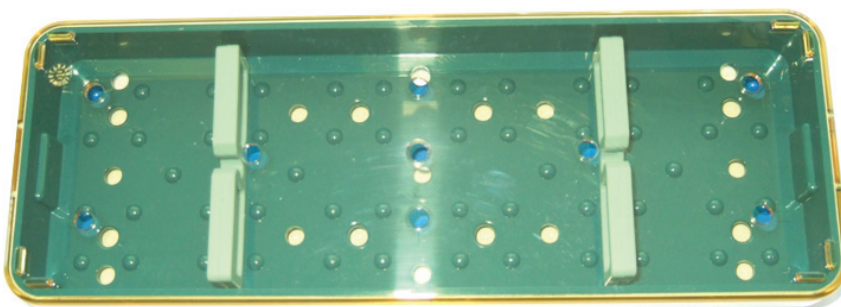
70-103



STERILISING TRAY

This sterilising tray is designed to accommodate the Optico standard Micro Anterior and Vitreo retinal instruments.

85-000



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