



Duckworth & Kent

Titanium Reusable Ophthalmic Instrument Manufacturer

Product Catalogue



Keeping Surgeons **at the Leading Edge** of Ophthalmology

Duckworth & Kent

With over 65 years of engineering expertise, Duckworth & Kent are a world-renowned leader in the manufacture of titanium, reusable ophthalmic instruments.

Located at our headquarters in England, we combine innovative design and cutting-edge technology to manufacture precision instruments which exhibit premium quality and are extremely durable.

Our design engineers are in the unique position of being directed and supported by our Chairman who has decades of experience in the medical profession as an ophthalmic surgeon.

Exceptionally high standards are part of our company ethos, from the inspection and packaging of our ophthalmic instruments, to our fastidious regulatory department providing advice on all matters pertaining to our medical devices.

All of this is complemented by our friendly, knowledgeable and responsive Customer Service Team. Ordering our instruments has never been easier...

Get in touch with Duckworth & Kent

For further information about our current range of ophthalmic instruments and services, visit our website or contact us directly.

Duckworth & Kent Ltd.
Terence House
7 Marquis Business Centre
Royston Road, Baldock
Herts, SG7 6XL, United Kingdom

T +44 (0) 1462 893254

info@duckworth-and-kent.co.uk

www.duckworth-and-kent.com



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A world leader in titanium reusable
ophthalmic instruments

Keeping Surgeons **at the Leading Edge** of Ophthalmology

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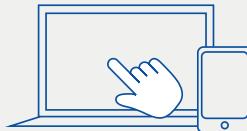
PDF Search

Best Seller Indicator

Any products highlighted in pink within our catalogue are designated as **Best Sellers**. This color coding makes it easy to quickly identify our most popular and in-demand instruments.

Find it Quickly

Search our whole range in seconds



Website

Find Your Ideal Instrument

All of our instruments can be found on our website: www.duckworth-and-kent.com

Each instrument has a photograph, tip view(s) and a list of essential information. We want to ensure you are fully informed on an instrument's dimensions and capabilities, before making your purchase.

Three Ways to Search

1 - Product Menu

Select the **products menu** and browse our online catalogue.

2 - Search Bar

Use the **search bar**; type either the **instrument number/instrument name** or **keyword**.

3 - Online PDF Catalogue

Visit the online **PDF version** of our catalogue. You will find this in the **top menu bar** of our website.

Create a Basket

Creating a basket is **quick and simple**. Browse our instruments and add them to your basket. To review and amend your list, select basket from the main menu.

After selecting your instruments and quantities, enter shipping details and proceed to checkout. Add your contact info, **choose Credit/Debit Card** or **Submit for Quote**. Then **Place Order**.

Only customers shipping to **UK, EU, EFTA and USA** addresses can **complete payment online**.

Our Customer Service Team will get back to you.



Receive it Quickly

Our dedicated Customer Service Team are always happy to help



Contact Us

Email or Call

To enquire about an instrument or to place an order, please contact our Customer Service Team.

Info@duckworth-and-kent.co.uk

[+44 \(0\)1462 893254](tel:+441462893254)

After receiving your enquiry the Customer Service Team will respond quickly via email with the information you have requested.

Delivery

We have vast **experience of shipping worldwide**. Our extensive range of instruments are **stocked to facilitate a quick turnaround**. We aim to ship within 2 weeks of receiving your order.

Repairs

We offer a quick turnaround repair service on our own hand-held surgical instruments, including diamond knives. For more information visit:

www.duckworth-and-kent.com/instrument-repair

Cleaning and Care Guidance

To obtain information related to the cleaning and care of all reusable medical devices supplied by Duckworth & Kent Ltd, unless stated otherwise with the packaging of the product, visit:

www.duckworth-and-kent.com/info



GB pricing available for our complete range of titanium reusable ophthalmic instruments.

Visit www.duckworth-and-kent.com

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Why we only use Titanium?

The aeronautical industry first embraced the benefits of titanium alloy to its advantage in the 1960s and it was on this basis that Duckworth & Kent was advised by a metallurgist to consider Titanium Alloy (Ti-6Al-4V) for the manufacture of its surgical instruments in the 1970s. Duckworth & Kent took heed of this advice (see benefits below) and applied their precision engineering skills to design and produce high quality medical devices using titanium alloy. Today, Duckworth & Kent is regarded as one of the pioneers in the design and manufacture of titanium ophthalmic instruments.

Key Benefits of Titanium...

- **Non-corrosive**, thereby withstanding repeat sterilisation without any deterioration to strength, edge quality or surface degradation
- **Non-magnetic**, so no interaction with other steel instruments
- **Lightweight**, so ideal for manufacturing well-balanced instruments used in ophthalmic microsurgery
- **Non-reflective** (anodised) surface, thereby reducing instrument glare from microscope lighting



Why we use PolyEtherEtherKetone (PEEK®)?

Duckworth & Kent uses PEEK® in certain instruments where there is the possibility that two titanium components could fuse together through sustained, repetitive contact.

PEEK® polymer was invented by Imperial Chemical Industries in 1978 and the Victrex™PEEK® polymer has become the material of choice for applications requiring exceptional durability with resistance to chemicals, heat, steam and radiation. For this reason, it has long been the gold-standard for medical devices, as it is able to withstand in excess of 2500 hours of high pressure steam sterilisation.

Victrex™ is a registered trademark of Victrex manufacturing ltd.

PEEK® is a trademark of Victrex plc.

Information Hub

Explore our comprehensive information hub, a centralised webpage that brings together vital details for your convenience.

Dive into frequently asked questions (FAQs), learn about our returns process, stay updated on our reliable delivery services, familiarise yourself with our company policies, and discover our commitment to sustainability.



www.duckworth-and-kent.com/info

Explore information related to the following topics:

FAQ

Returns

Delivery

Company Policies

Cleaning and Care

Sustainability

Terms & Conditions

Regulatory

Contact Details



Titanium Reusable Ophthalmic Instruments



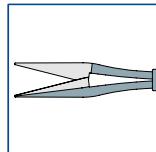
Microincision

- Anterior Segment

Scissors

Forceps





1.0mm Incision

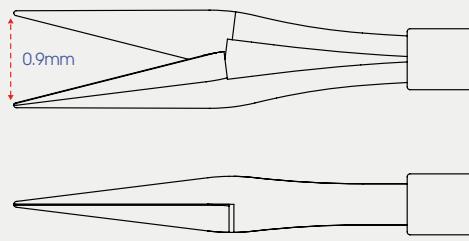
Utilising a squeeze-handle mechanism allowing precise cutting of the anterior capsule via a paracentesis (1.0mm) incision.

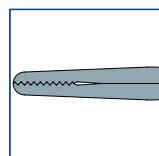
Curved 23 Gauge Shaft

The gentle curve to the shaft of the instrument offers the surgeon a more ergonomic and easier approach to guiding the scissors through the micro-incision wound irrespective of its meridian.

- Sharp tipped straight scissors
- Overall length 123mm

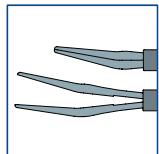
Tip Detail





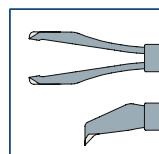
SMILE Lenticule Removal Forceps, 23 Gauge

- Delicate serrated jaws with blunt tips, tip length 3mm
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 127mm



Güell Descemet's Membrane Forceps, 22 Gauge

- 3mm long tips angled 10° upwards
- Curved 22 gauge tube, tube length 17mm
- Round squeeze handle, overall length 123mm

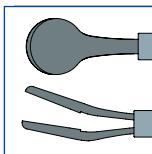


Capsulorhexis Forceps, Squeeze Handle, 23 Gauge

- Fine pointed tips with platforms
- 0.9mm tip opening
- Curved 23 gauge tube, tube length 19-20mm
- Round squeeze handle, overall length 122mm

ICL Forceps

2-896-2

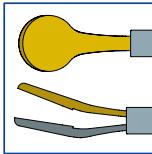


ICL Forceps, Angled, 20 Gauge

- Flat tip, 1.9mm wide disc with platforms
- Tips angled at **10°**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

ICL Forceps

2-896-3



ICL Forceps, Angled, 20 Gauge

- Flat tip, 1.9mm wide disc with platforms
- Tips angled at **15°**
- Upper disc coloured gold for orientation reference
- **Corresponding gold star on handle relates to gold tip**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Find instruments by procedure

DALK

Deep Anterior Lamellar Keratoplasty

**FLACS**

Femtosecond Laser-Assisted Cataract Surgery

**LASIK**

Laser In-Situ Keratomileusis

**PK**

Penetrating Keratoplasty

**Toric Markers****DMEK**

Descemet's Membrane Endothelial Keratoplasty

**ICL**

Implantable Contact Lens

**LRI**

Limbal Relaxing Incision

**SMILE**

Small Incision Lenticule Extraction



View page 157 to see suggested instruments by procedure
or visit: www.duckworth-and-kent.com/product-category/procedure





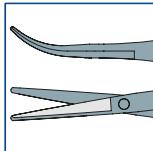
Titanium Reusable Ophthalmic Instruments



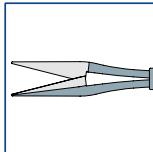
Scissors

- Capsule and Corneal
- Conjunctival-Tenotomy
- Iris
- IOL
- Vannas



Capsule Scissors**Capsule Scissors, Curved**

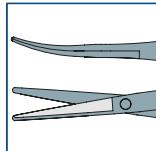
- **Blunt tips, curved blades**
- Cut length 6mm, tip to pivot length 11mm
- Flat handle, overall length 99mm

Capsule Scissors**Capsule Scissors, Curved Shaft, 23 Gauge**

- **Sharp tipped straight scissors**
- **Curved 23 gauge tube**, tube length 19-20mm
- Round squeeze handle, overall length 123mm

Corneal Scissors

Best Seller 1-118



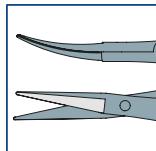
Castroviejo Miniature Corneal Scissors, Curved

- **Blunt tips, curved blades**
- Universal cutting blades
- Cut length 6mm, tip to pivot length 11mm
- Flat handle, overall length 106mm



Corneal Scissors

1-218



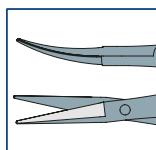
Anwar Corneal Scissors, Right

- Blunt tips, curved blades
- **Longer outer blade with smooth tip**
- Cut length 5mm, tip to pivot length 11mm
- Round handle, overall length 107mm



Corneal Scissors

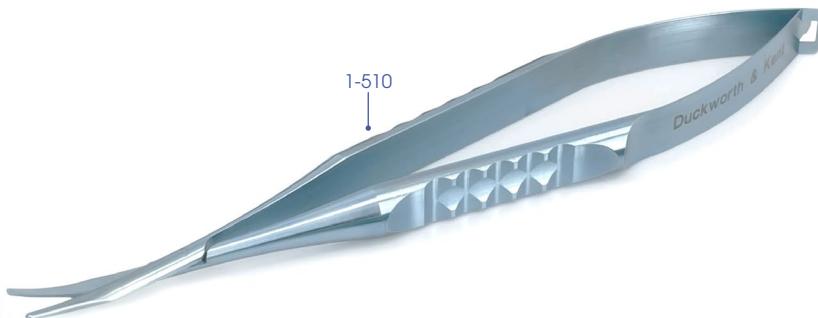
1-219



Anwar Corneal Scissors, Left

- Blunt tips, curved blades
- **Longer outer blade with smooth tip**
- Cut length 5mm, tip to pivot length 11mm
- Round handle, overall length 107mm



**Tip**

Sharp or Blunt options available.

Tip to Pivot

Length 20mm.

Blade

Straight or Curved options available.

Cut Length

Cut length 10mm.

Blade Shape

Rounded and Standard options available.

Handle

All scissors shown have a flat handle design.
Full length of closed scissors 115mm.

More Details...

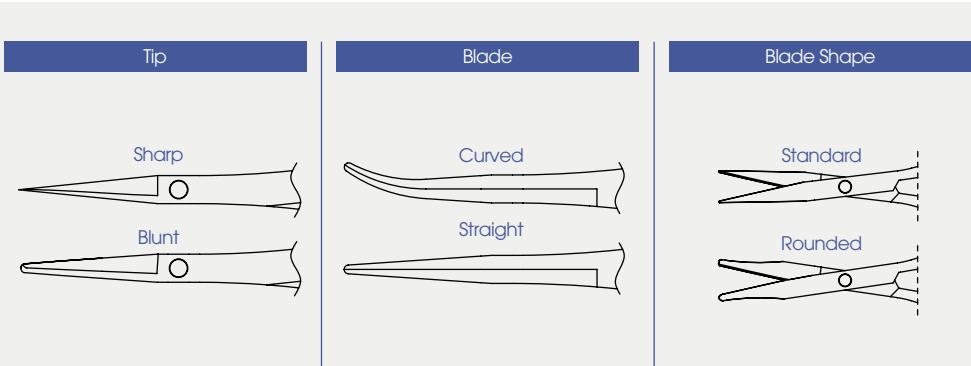
For full product details visit:
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Instrument Comparison Chart

Product Name - Westcott Scissors

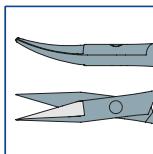
Tip	Blade	Blade Shape	Additional Information	
Sharp	Curved	Standard	Westcott Style Scissors, Curved	1-501
	Straight	Standard	Westcott Style Scissors	1-500
Blunt	Curved	Rounded	Westcott Style Scissors, Curved	1-510

Best Seller

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Iris Scissors

1-211



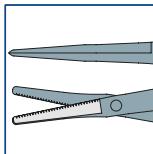
Iris Scissors, Curved

• Sharp tips, curved blades

- Cut length 4mm, tip to pivot length 11mm
- Round handle, overall length 107mm

IOL Scissors

Best Seller 1-705



Osher IOL Cutter, Angled

• Blunt tips with micro-serrated blades

- Minimum incision size 2.8mm
- Cut length 5mm
- Tip to pivot length 9.5mm
- Flat handle, overall length 94mm

Committed to a Greener Future: Carbon Reduction at Duckworth & Kent

At Duckworth & Kent, we are steadfast in our commitment to achieving Net Zero emissions by 2050.

By leveraging solar energy, switching to fully recyclable packaging, and adopting energy-saving measures, we've already taken significant steps towards sustainability.

As a global exporter, we continue to lead the charge in reducing our carbon footprint and supporting innovative offsetting projects like SWIPE re-forestation.

Together, let's create a sustainable tomorrow.



Our actions today are shaping a more sustainable future.
Be part of our mission to innovate, inspire, and create a greener world.

Find out more by visiting: www.duckworth-and-kent.com/sustainability

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**Tip**

Sharp or Blunt options available.

Blade

Straight, Curved or Angled options available.

Tip to Pivot

Defined length of exposed blade when instrument is open and in a resting state.

Cut Length

Cut length between 5mm and 6mm.

Handle

All scissors shown have a flat handle design. Full length of closed scissors between 96mm & 97mm.

More Details...

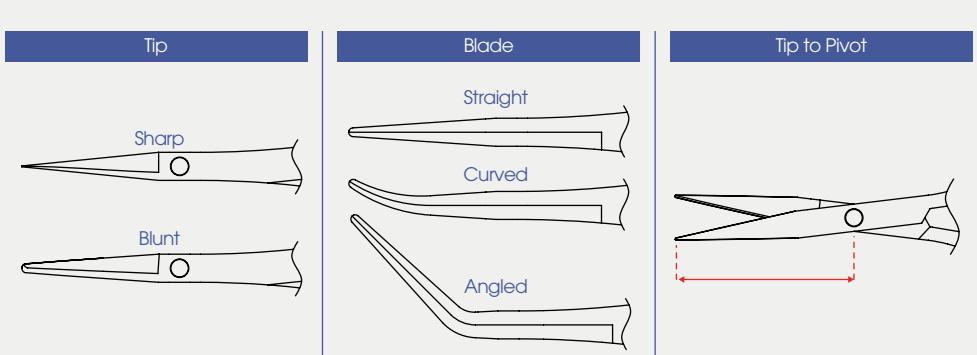
For full product details visit:
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Instrument Comparison Chart

Product Name - Vannas Scissors

Tip	Blade	Tip to Pivot	Additional Information	
Sharp	Straight	9mm	Vannas Scissors	1-110
	Curved	9mm	Vannas Scissors, Curved	1-111
	Angled	9mm	Vannas Scissors, Angled	1-112
		11.5mm	Gills-Vannas Scissors, Angled	1-312
Blunt	Curved	9mm	Vannas Scissors, Curved	1-111B

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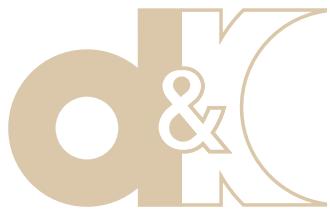
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Titanium Reusable Ophthalmic Instruments



Forceps

- Toothed
- Notched
- Tying
- Heritage Collection
- Capsulorhexis:
 - Microincision 1mm
 - Cross action 1.5mm
 - Cross action 1.8mm
 - Utrata 2.2mm
- Prechoppers
- Nucleus Crackers
- Cilia / Epilation
- Conjunctival
- Corneal
- DMEK
- SMILE
- Miscellaneous





Teeth

1 into 2 teeth, 6mm tying platform.

0.1mm, 0.12mm, 0.3mm or 0.5mm teeth size,
Standard or Flat options available.

Shaft Style

Straight, Curved or Colibri (45° angled tip length)
options available.

Engraved Symbol

Toothed



E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

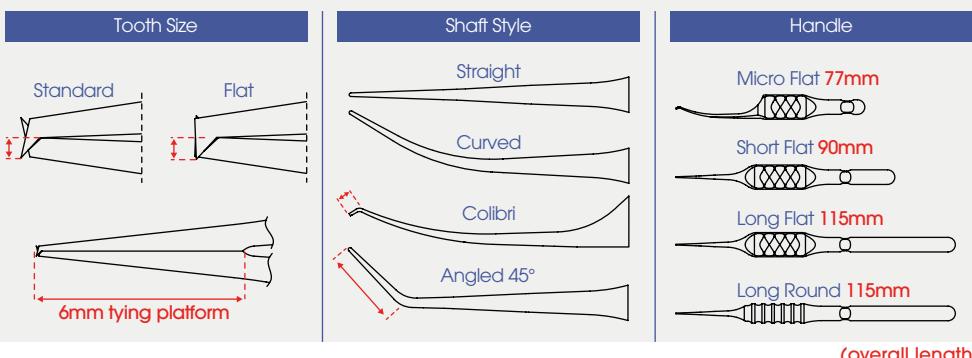
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - **Toothed Forcesps**

Tooth	Shaft Style	Handle Type	Additional Information		
0.1mm	Straight	Short Flat	Bonn Toothed Forceps	2-110-1E	
0.12mm Flat	Straight	Short Flat	Toothed Forceps	2-110-3E	
0.12mm	Straight	Short Flat	Bonn Toothed Forceps	2-110E	
		Long Flat	Castroviejo Toothed Forceps	2-114E	
		Long Round	Toothed Forceps	2-114ER8	
		Curved	Short Flat	Bonn Toothed Forceps	2-111E
		1.5mm Colibri	Micro Flat	Troutman-Barraquer Toothed Forceps	2-214E
		0.8mm Colibri	Micro Flat	Troutman-Barraquer Toothed Forceps	2-215E
		2mm Colibri	Short Flat	Troutman-Barraquer Toothed Forceps	2-132E
			Long Flat	Toothed Colibri Forceps	2-135E
			Long Round	Toothed Colibri Forceps	2-135ER8
		10mm Angled	Short Flat	McPherson Toothed Forceps	2-144E
0.3mm	Straight	Long Flat	Toothed Forceps	2-116E	
		Short Flat	Bonn Toothed Forceps	2-118E	
0.5mm	Straight	Long Flat	Castroviejo Toothed Forceps	2-117E	
0.5mm Flat	Straight	Long Flat	Rabkin Tissue Forceps	2-108E	

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Notched Tip

Notched tip with 6mm tying platform, 0.25mm or 0.3mm notch sizes available.

Shaft Style

Straight, Curved or Colibri (45° angled tip length) options available.

Engraved Symbol



Notched

E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

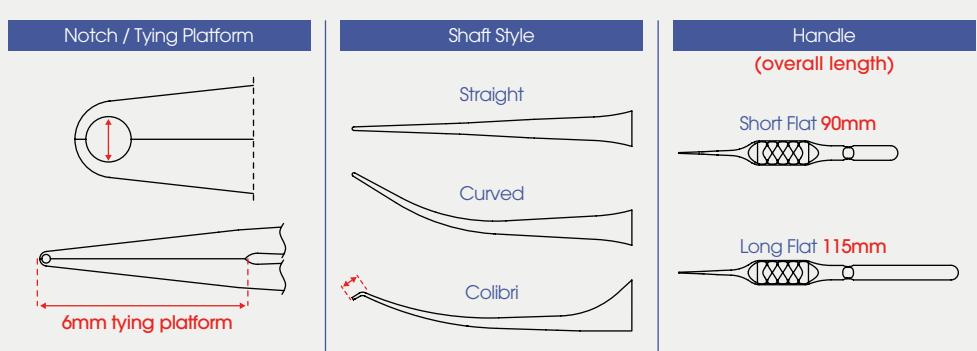
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Notched Forceps

Notch 0.25mm	Shaft Style Straight	Handle Type Short Flat	Additional Information Pierce Notched Forceps	2-100E
		Long Flat	Pierce Notched Forceps	2-104E
	Curved	Short Flat	Pierce Notched Forceps	2-101E
		Long Flat	Pierce Notched Forceps	2-103E
	2mm Colibri	Short Flat	Pierce Notched Forceps	2-130E
0.3mm	Straight	Short Flat	Pierce Notched Forceps	2-100-1E

Best Seller

Keeping Surgeons **at the Leading Edge** of Ophthalmology

**Tip**

0.3mm standard (S), 0.2mm delicate (D) or 0.6mm heavy (H) options available.

Tying Platform

4mm, 6mm or 9.5mm options available.

Shaft Style

Straight, Curved or Angled (with varying lengths) options available.

Engraved Symbol

Tying

**E Range**

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

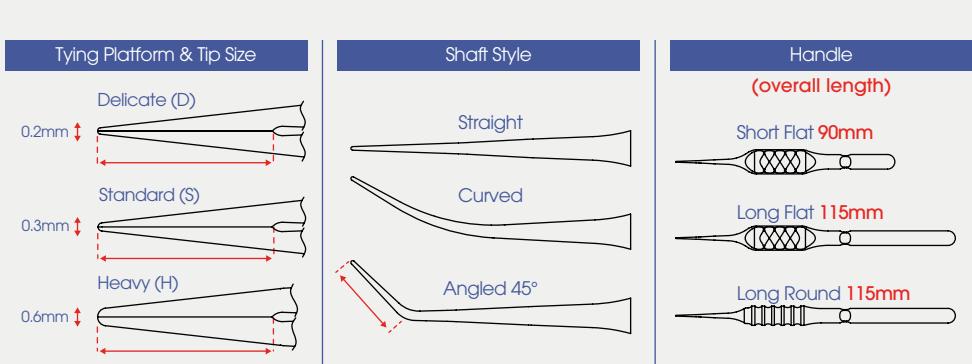
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Tying Forcesps

Platform & Tip	Shaft Style	Handle Type	Additional Information	
4mm (S)	Angled 5mm	Short Flat	Kelman-McPherson Tying Forceps	2-520E
6mm (S)	Straight	Short Flat	Tying Forceps	2-500E
		Long Flat	Harms-Tubingen Tying Forceps	2-504E
		Long Round	Tying Forceps	2-504ER8
	Curved	Short Flat	Tying Forceps	2-501E
		Long Flat	Tying Forceps	2-505E
		Long Round	Tying Forceps	2-505ER8
	Angled 7mm	Short Flat	Kelman-McPherson Tying Forceps	2-522E
		Long Flat	Kelman-McPherson Tying Forceps	2-527E
	Angled 10mm	Short Flat	Kelman-McPherson Tying Forceps	2-524E
		Long Flat	Kelman-McPherson Tying Forceps	2-529E
6mm (H)	Straight	Short Flat	Tying Forceps	2-500-1E
6mm (D)	Straight	Short Flat	Tying Forceps	2-500-2E
9.5mm (S)	Angled 10.5mm	Short Flat	Kelman-McPherson Tying Forceps	2-524-1E
		Long Round	Tying Forceps	2-529-1ER8

■ Best Sellers

Keeping Surgeons **at the Leading Edge** of Ophthalmology



A CLASSIC DESIGN

REDEFINED

The **Heritage Collection** consists of four highly versatile forceps that have been re-engineered with the latest innovations in single piece titanium construction, first introduced by our E Range Forceps.

Offering the same **durability, stability** and **exceptional quality** that our customers have come to expect from our precision-engineered forceps, this concise collection provides a greater choice by reintroducing a classic popular handle design.

E Range Handle

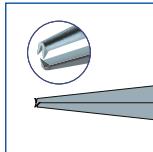


Heritage Handle



Toothed Forceps

2-110



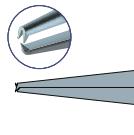
Bonn Toothed Forceps

- 0.12mm, 1 into 2 teeth, 6mm tying platforms
- Straight shafts
- Short flat handle, overall length 89mm
- Single piece instrument



Toothed Forceps

2-132

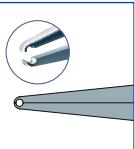


Troutman-Barraquer Toothed Forceps

- 0.12mm, 1 into 2 teeth, 6mm tying platforms
- 2mm colibri shafts
- Short flat handle, overall length 89mm
- Single piece instrument

Notched Forceps

2-100

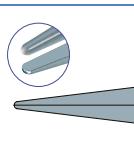


Pierce Notched Forceps

- Pierse 0.25mm notched, 6mm tying platforms
- Straight shafts
- Short flat handle, overall length 89mm
- Single piece instrument

Tying Forceps

2-500

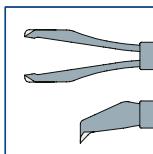


Tying Forceps

- 6mm tying platform
- Straight shafts
- Short flat handle, overall length 89mm
- Single piece instrument

Capsulorhexis Forceps, Squeeze Handle

2-847-4

**1.0mm Incision**

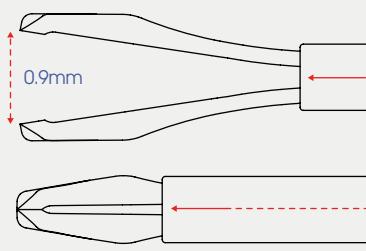
Utilising a squeeze-handle mechanism to enable the surgeon to initiate and perform a curvilinear capsulorhexis through a paracentesis (1.0mm) incision.

Curved 23 Gauge Shaft

The gentle curve to the shaft offers the surgeon an ergonomic and easier approach to guiding the forceps through the microincision wound than a conventional straight shaft.

Precision Grasping

The squeeze-handle mechanism gently pushes the shaft over the tip allowing for precise grasping of the anterior capsule.

Tip Detail

- Fine pointed tips with platforms

- Overall length 122mm

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

Tip	Tip to Pivot	Handle	Additional Information	
Sharp	8.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GNE
		Long Round	Inamura Capsulorhexis Forceps	2-716GNR8E
	9.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GN-3E
ExtraSharp	8.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GN-2E
		Long Round	Inamura Capsulorhexis Forceps	2-716GNR8-4E

Best Seller



Width at Pivot Box 1.2mm

Designed to fit comfortably through any incision down to 1.5mm.

Tip Details

Sharp and serrated tips, angled 45° from shaft.

Extra sharp and serrated tips, angled 80° from shaft.

Marked Scale

Marks on the shaft at 2.5mm and 5mm from tip denote the desired radius and diameter of the capsulorhexis.

Tip	Marked Scale & Variations	Handle (overall length)
<p>Sharp 45°</p>  <p>Extra Sharp 80°</p> 	<p>Marks at 2.5 & 5mm</p> 	<p>Long Flat 110 - 111mm</p>  <p>Long Round 110 - 111mm</p> 

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+44 (0) 1462 893 254

@ info@duckworth-and-kent.co.uk



www.duckworth-and-kent.com



Tip Details

Sharp and serrated tips, angled 45° from shaft.



Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

Marked Scale

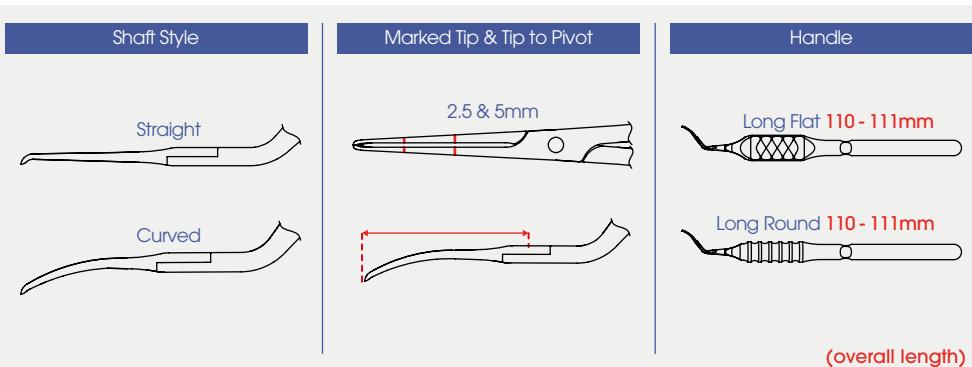
Marks on the shaft denote the desired radius and diameter of the capsulorhexis.

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

Shaft	Tip to Pivot	Handle	Additional Information	
Straight	9.5mm	Long Round	Inamura Capsulorhexis Forceps	2-716GER8-3
Curved	8.5mm	Long Round	Inamura Capsulorhexis Forceps	2-716GER8-2
	9.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GE
		Long Round	Inamura Capsulorhexis Forceps	2-716GER8
	10.5mm	Long Flat	Inamura Capsulorhexis Forceps	2-716GE-1
		Long Round	Inamura Capsulorhexis Forceps	2-716GER8-1

Best Seller





Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

Tip Details

Sharp and serrated tips, angled 45° from shaft.



Marked Scale

Marks on the shaft denote the desired radius and diameter of the capsulorhexis. Calladine-Inamura offer marks at 2.5mm and 5mm from tip, Jones-Inamura offer 6 marks at 1mm increments from tip.

E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

Design registration number 004383396-0001

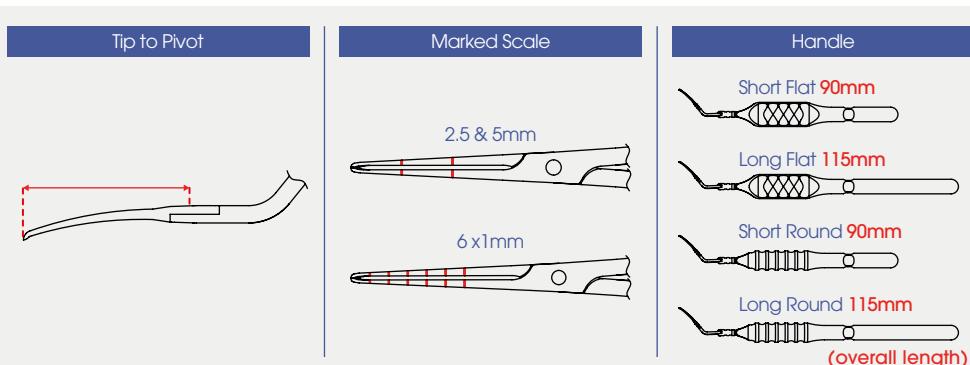
Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

Tip to Pivot	Marked Scale	Handle	Additional Information	
10mm	2.5 & 5mm	Short Flat	Calladine-Inamura Capsulorhexis Forceps	2-716G-9SE
		Long Flat	Calladine-Inamura Capsulorhexis Forceps	2-716G-9E
		Short Round	Calladine-Inamura Capsulorhexis Forceps	2-716G-9RSE
		Long Round	Calladine-Inamura Capsulorhexis Forceps	2-716G-9RE
11mm	2.5 & 5mm	Long Flat	Calladine-Inamura Capsulorhexis Forceps	2-716G-8E
		Short Round	Calladine-Inamura Capsulorhexis Forceps	2-716G-8RSE
		Long Round	Calladine-Inamura Capsulorhexis Forceps	2-716G-8RE
		6x1mm	Long Flat	Jones-Inamura Capsulorhexis Forceps
			Long Round	Jones-Inamura Capsulorhexis Forceps

■ Best Sellers

Capsulorhexis 1.8mm Incision

Keeping Surgeons **at the Leading Edge** of Ophthalmology



Width at Pivot Box 1.5mm

Designed to fit comfortably through any incision down to 1.8mm.

Tip Details

Sharp and Blunt options available, angled 45° from shaft.

Extra Curved Shaft

The Mackool-Inamura capsulorhexis forceps range has an increased curvature to the tips.

E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

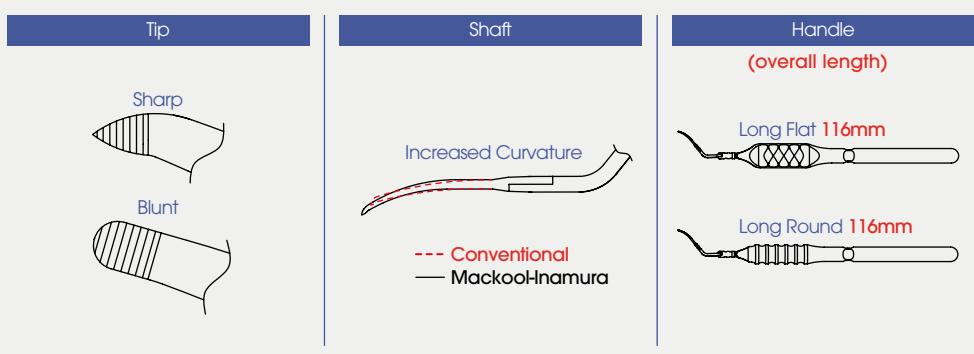
Design registration number 004383396-0001

Instrument Comparison Chart

Product Name - Capsulorhexis Forceps

Tip	Tip to Pivot	Handle	Additional Information	
Sharp	11mm	Long Flat	Mackool-Inamura Capsulorhexis Forceps	2-706G-1E
		Long Round	Mackool-Inamura Capsulorhexis Forceps	2-706G-1RE
Blunt	11mm	Long Flat	Mackool-Inamura Capsulorhexis Forceps	2-706GE
		Long Round	Mackool-Inamura Capsulorhexis Forceps	2-706GRE

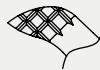
■ Best Seller

Keeping Surgeons **at the Leading Edge** of Ophthalmology

Capsulorhexis 2.2mm Incision

**Tip Details**

Sharp and serrated tips, angled 45° from shaft. Tip to angle length 13mm.

**Marked Scale**

Marks on the shaft at 2.5mm and 5mm from tip denote the desired radius and diameter of the capsulorhexis; 2-712-4ER8 offers 8 x 1mm marks.

E Range

Our engineers use state-of-the-art machinery to produce one piece instruments in titanium.

Our **single piece design** ensures **micron precision** in tip detail and **unparalleled performance** for the end user.

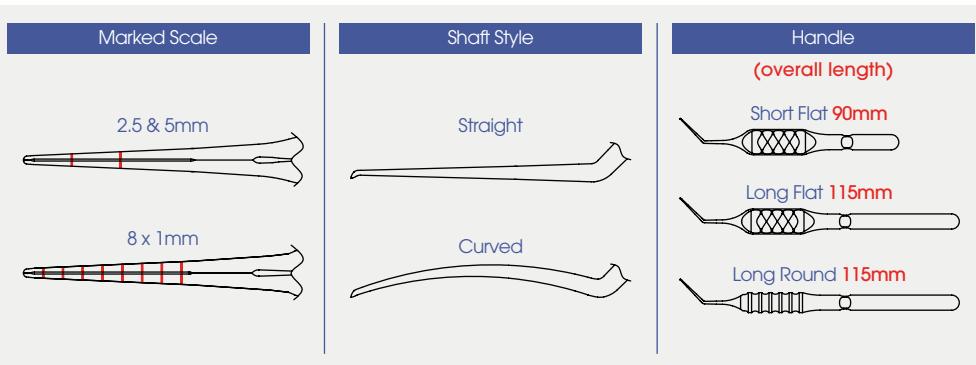
Design registration number 004383396-0001

Instrument Comparison Chart

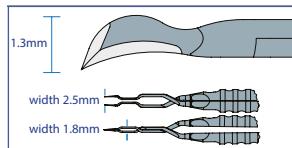
Product Name - Capsulorhexis Forceps

Marked Scale	Shaft	Handle Type	Additional Information	
2.5&5mm	Straight	Short Flat	Utrata Capsulorhexis Forceps	2-719-3E
		Long Flat	Utrata Capsulorhexis Forceps	2-719-4E
		Long Round	Utrata Capsulorhexis Forceps	2-714-3ER8
	Curved	Short Flat	Utrata Capsulorhexis Forceps	2-718-3E
		Long Round	Utrata Capsulorhexis Forceps	2-712-3ER8
8x1mm	Curved	Long Round	Utrata Capsulorhexis Forceps	2-712-4ER8

■ Best Sellers



Prechopper Forceps



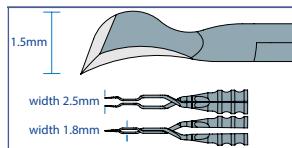
Salvitti-Akahoshi Micro Prechopper Forceps, Small Tip

- Tips fully open to 2.5mm
- **Flattened tips in vertical plane, tip height 1.3mm**
- 1.8mm maximum width at incision point
- Straight shafts, reverse cross action style
- Round handle, overall length 119mm
- **E Range single piece handle**

Design registration number 004383396-0001

Prechopper Forceps

2-817-1E



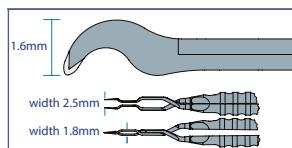
Salvitti-Akahoshi Micro Prechopper Forceps, Large Tip

- Tips fully open to 2.5mm
- **Flattened tips in vertical plane, tip height 1.5mm**
- 1.8mm maximum width at incision point
- Straight shafts, reverse cross action style
- Round handle, overall length 119mm
- **E Range single piece handle**

Design registration number 004383396-0001

Prechopper Forceps

2-818E

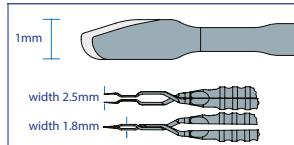


Inamura Talon Prechopper Forceps

- Tips fully open to 2.5mm
- **Flattened tips in vertical plane, tip height 1.6mm**
- 1.8mm maximum width at incision point
- Straight shafts, reverse cross action style
- Round handle, overall length 119mm
- **E Range single piece handle**

Design registration number 004383396-0001





Paddle Prechopper Forceps, Angled

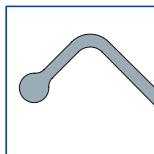
- Tips fully open to 2.5mm
- Arrow tip shape for penetrating nucleus
- **3mm flattened paddle area of tips for nucleus splitting, tip height 1mm**
- 1.8mm maximum width at incision point
- **45° angled reverse cross action shaft, tip to angle length 13.5mm**
- Round handle, overall length 119mm
- **E Range single piece handle**

Design registration number 004383396-0001



Nucleus Sustainer

6-095

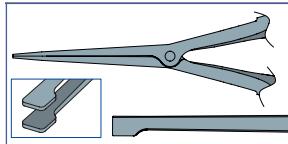


Akahoshi Nucleus Sustainer

- 0.5mm diameter bulbous tip, tip length 1.7mm
- 45° angled shaft, tip to angle length 10mm
- Short round handle, overall length 109mm
- **For use in conjunction with prechopper forceps**

Nucleus Cracker

2-802E



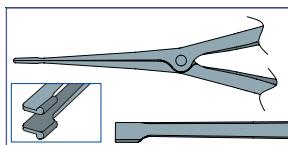
Brown Nucleus Cracker

- 1.1mm x 1.2mm paddle style tips
- 30° angled shafts, tip to angle length 14.5mm
- Flat handle, cross action tips, overall length 114mm
- **E Range single piece handle**

Design registration number 004383396-0001

Nucleus Cracker

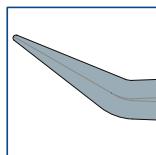
2-803E



Denman-Brown Nucleus Cracker

- 1.1mm x 1.2mm paddle style tips
- **Bulge along lower edge of paddle**
- 30° angled shafts, tip to angle length 14.5mm
- Flat handle, cross action tips, overall length 114mm
- **E Range single piece handle**

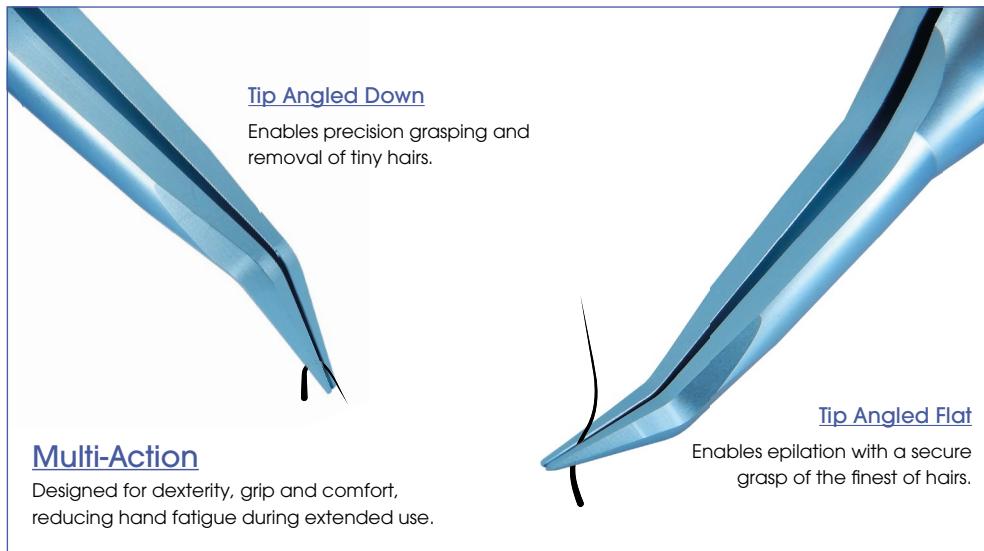
Design registration number 004383396-0001



Single Piece Epilation Forceps

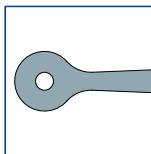
- Tapered, smooth tips
- 30° angled shafts, tip to angle length **7mm**
- **Short flat handle, overall length 90mm**
- **E Range single piece instrument**

Design registration number 004383396-0001



Conjunctival Forceps

2-167E



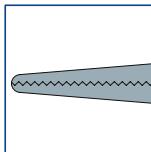
Osher Conjunctival Forceps

- Smooth platforms
- Straight shafts
- Flat handle, overall length 115mm
- **E Range single piece instrument**

Design registration number 004383396-0001

Conjunctival Forceps

2-500-4E



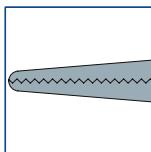
Chihara Conjunctival Forceps

- 6mm platforms
- Serrated tips
- Straight shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**

Design registration number 004383396-0001

Conjunctival Forceps

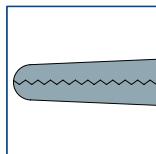
2-501-2E



Chihara Conjunctival Forceps, Curved

- 6mm platforms
- Serrated tips
- **Curved shafts**
- Flat handle, overall length 90mm
- **E Range single piece instrument**

Design registration number 004383396-0001



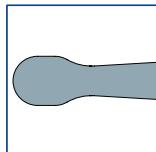
Moorfields Utility Forceps

- Delicate serrated tips, 1mm wide
- Straight shafts
- Flat handle, overall length 115mm
- **E Range single piece instrument**

Design registration number 004383396-0001

Suture Forceps

2-502E



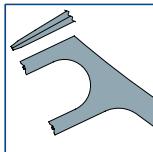
Khaw Suture Control Forceps

- **5mm highly polished tying platforms**
- Straight shafts
- Flat handle, overall length 90mm
- **For use in Khaw's adjustable Suture Control technique**
- **E Range single piece instrument**

Design registration number 004383396-0001

Toothed Forceps

2-170E



Double Toothed Colibri Forceps, 0.12mm

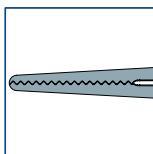
- Two 0.12mm, 1 into 2 teeth
- 2 point fixation, 1mm separated
- Colibri style shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**

Design registration number 004383396-0001

SMILE

SMILE Forceps

Best Seller 2-836E



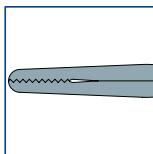
SMILE Lenticule Removal Forceps

- 4mm long serrated jaws
- 30° angled shafts, tip to angle length 9mm
- Long flat handle, overall length 115mm
- **E Range single piece instrument**

Design registration number 004383396-0001

SMILE Forceps

2-837

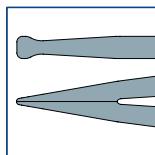


SMILE Lenticule Removal Forceps, 23 Gauge

- **Delicate** serrated jaws with blunt tip, tip length 3mm
- Curved **23 gauge** tube, tube length 19-20mm
- Round squeeze handle, overall length 127mm

DMEK Forceps

2-285E



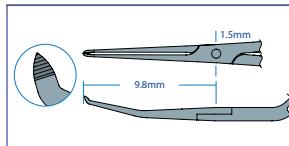
DMEK Descemet's Stripping Forceps

- Smooth platforms
- **Straight shafts**
- Short flat handle, overall length 90mm
- **E Range single piece instrument**

Design registration number 004383396-0001

DMEK Forceps

2-787-1E



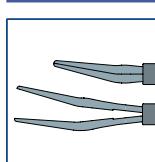
DMEK Descemet's Stripping Forceps, Cross Action

- Upward facing angled tip
- Serrated interlocking tips
- Tip to pivot point 9.8mm
- 1.5mm width at pivot box
- Tips angled 45° to handle
- Flat handle, overall length 113mm
- **E Range single piece handle**

Design registration number 004383396-0001

DMEK Forceps

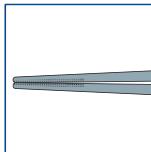
2-838



Güell Descemet's Membrane Forceps

- 3mm long tips angled 10° upwards
- **Curved 22 gauge tube, tube length 19-20mm**
- Round squeeze handle, overall length 123mm

ICL Forceps



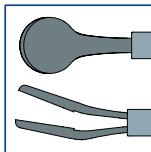
Deitz ICL Loading Forceps

- Highly polished outer jaws
- Inside jaws textured, 4mm tip angle
- 20° angled shafts, tip to angle length 14mm
- Flat handle, overall length 88mm
- **E Range single piece instrument**

Design registration number 004383396-0001

ICL Forceps

2-896-2

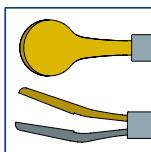


ICL Forceps, Angled

- Flat tip, 1.9mm wide disc with platforms
- **Tips angled at 10°**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

ICL Forceps

2-896-3

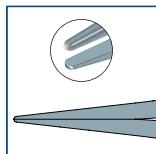


ICL Forceps, Angled, 20 Gauge

- Flat tip, 1.9mm wide disc with platforms
- Tips angled at **15°**
- Upper disc coloured gold for orientation reference
- **Corresponding gold star on handle relates to gold tip**
- 20 gauge, 32.5mm long straight shaft
- Round squeeze handle, overall length 139mm

Plain Forceps

2-900E



Jewellers Forceps

Engraved Symbol

Plain / Jewellers

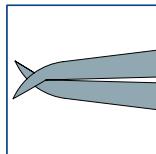


- Plain tips without tying platforms
- Straight shafts
- Flat handle, overall length 90mm
- **E Range single piece instrument**

Design registration number 004383396-0001

Toothed Forceps

2-160E



Troutman Superior Rectus Forceps, 0.5mm

Engraved Symbol

Toothed



- 0.5mm, 1 x 2 teeth
- 45° angled shafts, tip to angle length 10mm
- Flat handle, overall length 115mm
- **E Range single piece instrument**

Design registration number 004383396-0001



Titanium Reusable Ophthalmic Instruments



Needle Holders

- Jaw Length 7mm
- Jaw Length 9mm
- Jaw Length 12mm

**Jaw**

Straight or Curved options in 7mm, 9mm or 12mm jaw lengths.

Tip

Standard, Blunt, Delicate or Heavy options available.

Spring

All are tag springs, other than the Barraquer style, which have hinge springs.

Handle

- Short handles have closed length between 108mm and 110mm.
- Standard handles 119mm in length.
- Long handles have closed length between 136mm and 140mm.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Needle Holder

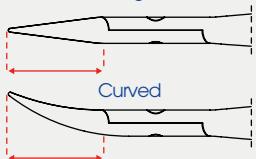
Jaw	Tip	Handle	Additional Information	With Lock	Without Lock
7mm Curved	Delicate	Short	Needle Holder	3-206	3-205
		Standard	Needle Holder	-	3-422
9mm Straight	Standard	Short	Needle Holder	-	3-201
9mm Curved	Standard	Short	Needle Holder	3-202	3-203
		Long	Needle Holder	-	33-203
	Blunt	Short	Needle Holder	-	3-223
	Delicate	Short	*Barraquer Needle Holder	3-302	3-303
		Long	*Barraquer Needle Holder	-	33-303
12mm Curved	Heavy	Long	Needle Holder	-	33-225

■ Best Sellers

7mm - 9mm - 12mm

Blade

Straight



Hinge

Tag

Hinge (*Barraquer)

Size

Standard

Delicate

Blunt

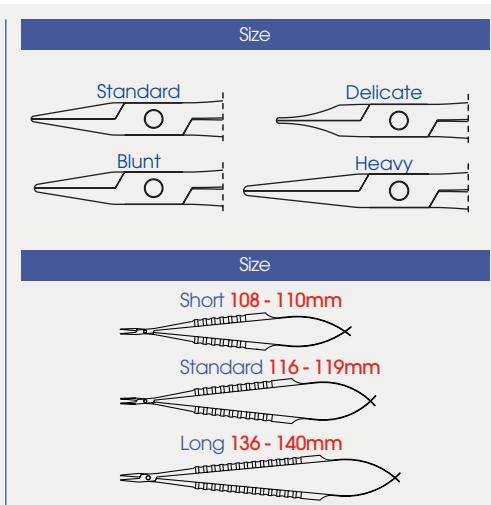
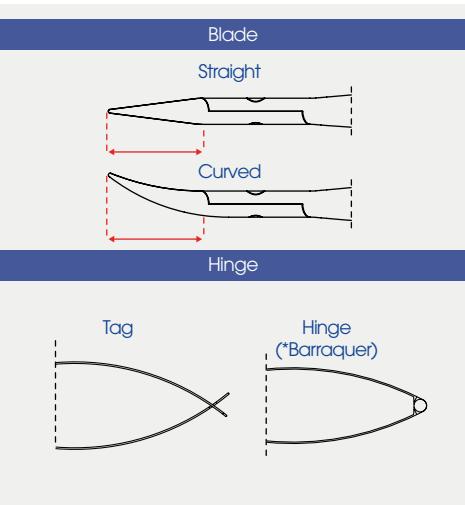
Heavy

Size

Short 108 - 110mm

Standard 116 - 119mm

Long 136 - 140mm

Keeping Surgeons **at the Leading Edge** of Ophthalmology



Titanium Reusable Ophthalmic Instruments



Diamond Knives

- Straight Retractable
- Micrometer
- LRI



**Blade Position**

Straight.

Blade Style

3 different blade configurations available.

Handle

Sleek design with single position fully exposing the diamond.

Pearce Retractable (4-600) offers a second position 10mm shaft extension.

Straight overall length 124mm in exposed position.

More Details...

For full product details visit:
duckworth-and-kent.com

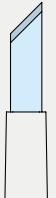
Instrument Comparison Chart

Product Name - Diamond Knife

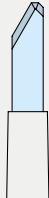
Blade Position	Blade Style	Blade Width	Additional Information	
Straight	45° Single	1mm	Retractable Diamond Knife	4-100
	Trifacet	1mm	Retractable Diamond Knife	4-115
	45° Double	1mm	Pearce Retractable Diamond Knife	4-600

Blade Style

Single Edge



Trifacet

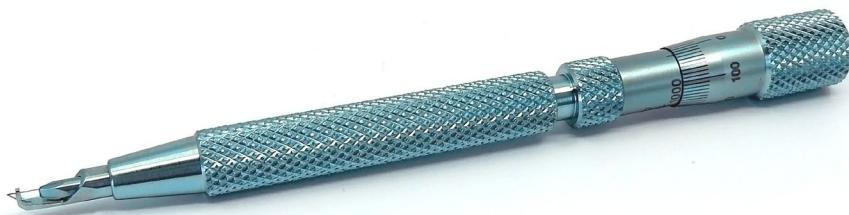


Double Edge

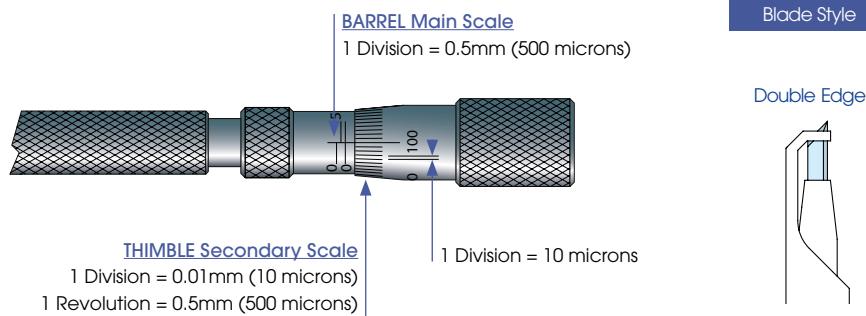
Keeping Surgeons **at the Leading Edge** of Ophthalmology

Product Name - Diamond Knife

Blade Style	Blade Width	Additional Information	
45° Double Edge	1mm	Micrometer Diamond Knife	5-310-1



Micrometer Handle

**Blade Style**

45° Double edge blade configuration available.

Handle

Micrometer of the highest precision, with an easy legible scale. Overall length 105mm in retracted position.

Blade Depth

Blade depth can be set from 0 to 1mm with a scale measuring 0.01mm (10 micron) increments.

Blade Depth Setting instructions

If a blade depth of 600 microns is required, the main scale on the barrel will need to be set at 500 microns and the secondary scale on the thimble will need to be set at 100 microns. The addition of the 2 scales will give the correct depth.
i.e.: Main scale + Secondary scale = Total depth
e.g.: 500 + 100 = 600 microns.

More Details...

For full product details visit:
duckworth-and-kent.com

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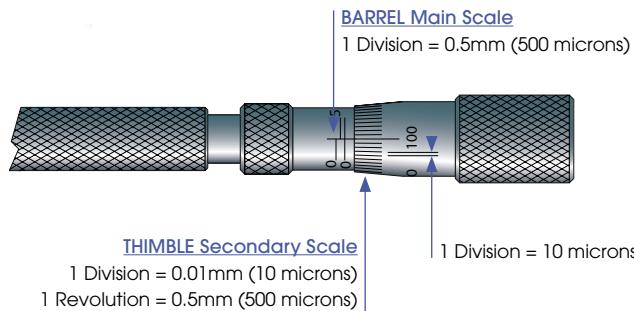
@ info@duckworth-and-kent.co.uk



www.duckworth-and-kent.com



Micrometer Handle



Blade Style

Wallace or Micrometer style options available.

Handle

Micrometer of the highest precision, with an easy legible scale. Overall length 105mm to 120mm in retracted position.

Blade Width

All blades have a width of 1mm, with a 0.2mm front flap at tip.

Blade Preset Depth

2 options available.

Micrometer Blade Depth

Blade depth can be set from 0 to 1mm with a scale measuring 0.01mm (10 micron) increments.

Blade Depth Scale

If a blade depth of 600 microns is required, the main scale on the barrel will need to be set at 500 microns and the secondary scale on the thimble will need to be set at 100 microns. The addition of the 2 scales will give the correct depth.

i.e.: Main scale + Secondary scale = Total depth
e.g.: 500 + 100 = 600 microns.

More Details...

For full product details visit:

duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Diamond Knife

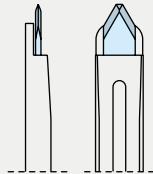
Blade Preset Depth 600 microns	Overall Length 120mm	Additional Information Wallace LRI Diamond Knife	4-620
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Micrometer

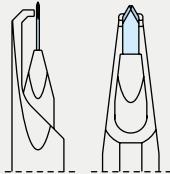
Blade Preset Depth Micrometer	Overall Length 105mm	Additional Information LRI Micrometer Diamond Knife	5-305-1
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Blade Style

Wallace

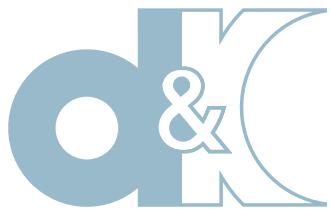


Micrometer





Titanium Reusable Ophthalmic Instruments



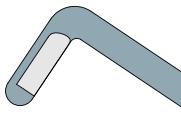
Choppers, Spatulas and Manipulators

- Horizontal Choppers
- Vertical Choppers
- Spatulas
- Hooks
- Manipulators and Rotators
- DMEK
- Femtosecond and LASIK Spatulas
- ICL Manipulators
- SMILE



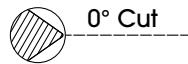
Horizontal choppers have a cutting edge which enables the chopper to cut through the nucleus in a horizontal direction.

The inserts are intended to illustrate the tip of a chopper and the direction of its cutting edge(-s) in relation to the shaft of the instrument as it is designed to be used.



Side View

Our simplified 2D side view shows the shape of the instrument and size of the blade.



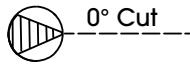
Cutting Edge Angle

Dashed line represents the axis of the shaft. Hatched area shows cross-section view of chopper tip shape. Degree refers to angle of chopper cutting edge in relation to shaft axis.

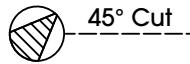


Cutting Direction

Illustrates direction and angle that the instrument is designed to cut, viewed from above.

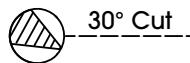
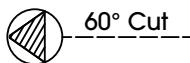


Symmetrical



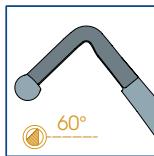
Asymmetrical

For use through the specified side port



Nucleus Chopper

6-072-1

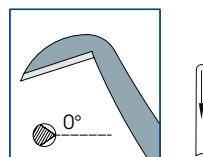


Bordeianu Nucleus Chopper

- Sharp inner sides of tip
- Tip length 1.75mm
- **Cutting edge 60° to axis**
- Tip to angle length 10mm
- 60° angled shaft
- **0.55mm constant diameter shaft to reduce leakage**
- Round handle, overall length 124mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-075-1

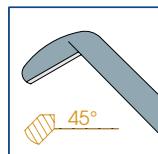


Packard 'Fat Boy' Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.24mm
- **Cutting edge 0° to axis**
- Tip to angle length 10mm
- 50° angled shaft with slight curve
- Round handle, overall length 118mm

Nucleus Chopper

6-076

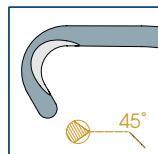


Rosen Nucleus Splitter

- Straight, sharp inner sides of tip
- **Tip length 0.8mm**
- **Cutting edge 45° to axis**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

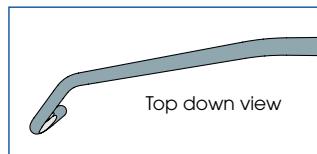
Nucleus Chopper

6-079



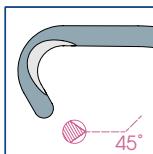
Green Nucleus Chopper

- Curved, sharp inner sides of tip
- Tip length 1mm
- **Cutting edge 45° to axis**
- Tip to angle length 9mm
- 65° angled shaft
- Round handle, overall length 117mm
- **Designed for right-handed phaco surgeons to be used through the left side port**



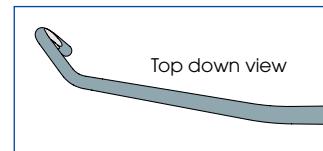
Nucleus Chopper

6-079-1



Green Nucleus Chopper

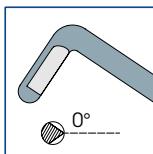
- Curved, sharp inner sides of tip
- Tip length 1mm
- **Cutting edge 45° to axis**
- Tip to angle length 9mm
- 65° angled shaft
- Round handle, overall length 117mm
- **Designed for left-handed phaco surgeons to be used through the right side port**



Top down view

Nucleus Chopper

Best Seller 6-080

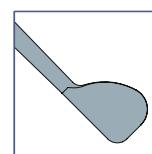
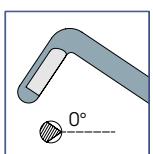


Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 122mm

Nucleus Chopper

6-080-2



Nucleus Chopper and Rotator

Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 0° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

- 1.25 x 1mm blunt tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 129mm

Nucleus Chopper

6-081



Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.25mm
- **Cutting edge 45° to axis**
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 122mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-081-3

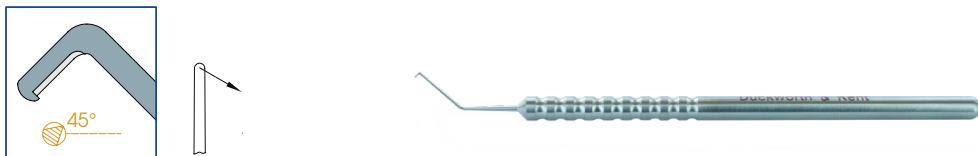


Nucleus Chopper

- Straight, sharp inner / outer sides of tip
- Tip length 1.25mm
- **Cutting edge 30° to axis**
- Tip to angle length 10.5mm
- 45° angled shaft
- Round handle, overall length 119mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-083



Hara Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.15mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 116mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Chopper

6-085



Barrett Nucleus Chopper and Manipulator

Nucleus Chopper

- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Manipulator

- 0.65mm mushroom tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 124mm

Nucleus Chopper

Best Seller

6-085-1



Barrett Nucleus Chopper and Manipulator

Nucleus Chopper

- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Manipulator

- 0.65mm mushroom tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 130mm

Nucleus Chopper

6-085-6



Barrett Nucleus Chopper and Divider

Nucleus Chopper

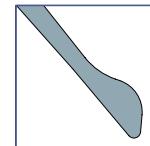
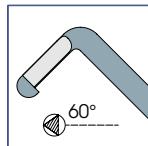
- Straight, sharp inner/outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Divider

- Sharp edge at tip
- Tip length 1.25mm
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balance set handle**, overall length 125mm

Nucleus Chopper

6-085-8



Nucleus Chopper and Rotator

Nucleus Chopper

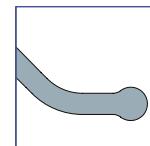
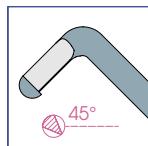
- Straight, sharp inner / outer sides of tip
- Tip length 1.25mm
- **Two cutting edges 60° to axis**
- Tip to angle length 10mm
- Tip to angle length 14mm
- 45° angled shaft

Nucleus Rotator

- 1 x 0.5mm blunt tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 125mm

Nucleus Chopper

6-086



Inamura Nucleus Chopper and Manipulator

Nucleus Chopper

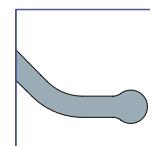
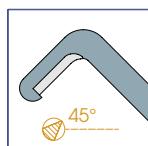
- Straight, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- **Designed for left-handed phaco surgeons to be used through the right side port**

Manipulator

- 0.55mm ball shaped tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 129mm

Nucleus Chopper

6-086-1



Inamura Nucleus Chopper and Manipulator

Nucleus Chopper

- Straight, sharp inner sides of tip
- Tip length 1.1mm
- **Cutting edge 45° to axis**
- Tip to angle length 11mm
- 45° angled shaft
- **Designed for right-handed phaco surgeons to be used through the left side port**

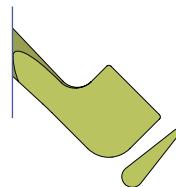
Manipulator

- 0.55mm ball shaped tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 129mm

Vertical Choppers

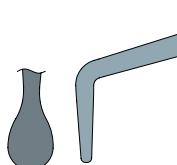
Vertical choppers have a cutting edge or sharp point enables the chopper to split or crack the nucleus in a vertical direction.

This diagram illustrates how we translate a tip view into a visual representation of the blade shape and position of the vertical chopper.



Axe

Coloured tip view with view of Axe from above.

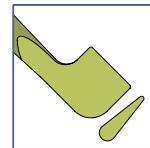
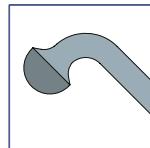


Divider

Coloured tip view with view of divider from above.

Nucleus Chopper

6-085-2



Barrett Phaco-Axe and Manipulator

Manipulator

- 0.65mm **highly polished** mushroom rotator
- Tip to angle length 10mm
- 45° angled shaft

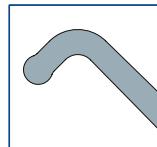
Phaco-Axe

- 0.75 x 0.75mm axe
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balance handle**, overall length 122mm
- **Axe direction suitable for a right-handed phaco surgeon to be used through the left side port**

Nucleus Chopper

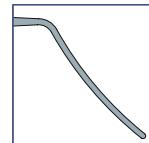
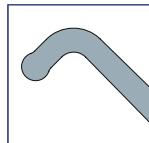
Best Seller

6-087



Mackool Phaco Chopper

- Straight miniature 0.3mm diameter ball shaped tip
- Tip length 0.6mm
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm



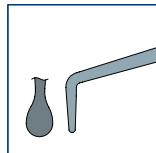
Mackool Phaco Chopper and Spatula

Chopper

- Straight miniature 0.35mm diameter ball shaped tip
- Tip length 0.7mm
- Tip to angle length 10mm
- 45° angled shaft

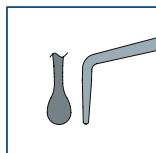
Spatula

- 0.4mm diameter blunt tip spatula
- Tip to angle length 11mm
- 50° angled shaft
- Round handle, overall length 114mm



Nucleus Dividing Hook

- Straight, bulbous shape flat tip
- Tip width 0.62mm, length 0.9mm
- Tip to angle length 11mm
- 35° angled shaft
- Round handle, overall length 115mm

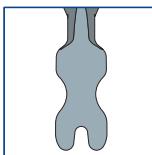


Wada Nucleus Dividing Hook

- Paddle shape divider
- Thinner dividing edge on right side
- Tip 1.35mm long by 0.6mm wide
- Tip to angle length 11mm
- Straight shaft at 40° angle
- Round handle, overall length 114mm
- **Designed for right-handed phaco surgeons to be used through the left side port**

Nucleus Divider

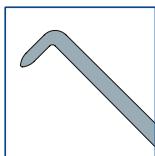
6-090-8

**Rana-Ota Nucleus Dividing Hook**

- Vertical paddle shaped divider with slot
- Tip 1.4mm length
- Tip to angle length 11mm
- Straight shaft at 40° angle
- Round handle, overall length 114mm

Nucleus Chopper

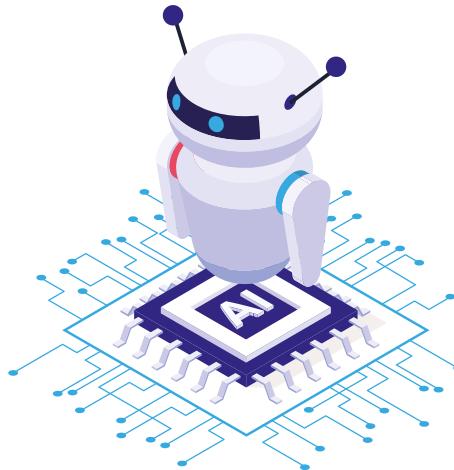
6-093

**Vertical Chopper**

- Straight, blunt tip
- Tip length 1mm
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 121mm

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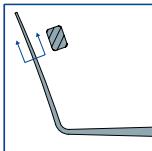
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Keeping Surgeons **at the Leading Edge** of Ophthalmology

Spatula

6-099



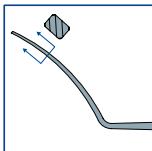
Mackool-Barraquer Spatula

- 0.45mm width, 0.25mm thickness
- Tip to angle length 15mm
- 70° angled blade
- Round handle, overall length 115mm



Spatula

Best Seller 6-099-1

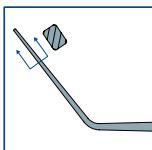


Iris Repositor

- 0.45mm width, 0.25mm thickness
- Tip to angle length 15mm
- 45° angled blade
- Highly polished internal face of curved tip
- Round handle, overall length 120mm

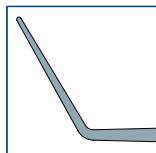
Spatula

6-099-2



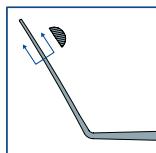
Spatula

- 0.5mm width, 0.2mm thickness
- Tip to angle length 10mm
- 50° angled blade
- Highly polished underside of blade
- Round handle, overall length 118mm



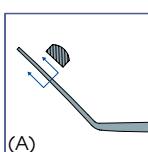
Anwar Keratoplasty Spatula

- 0.25mm diameter blunt tip
- Tip tapered from 0.5mm diameter
- Tip to angle length 7mm
- 60° angled blade
- Round handle, overall length 115mm



Castroviejo Style Cyclodialysis Spatula

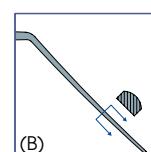
- 0.7mm width, 0.25mm thickness
- Tip to angle length 13mm
- 60° slightly curved blade
- Round handle, overall length 118mm



Castroviejo Style Double Ended Synechia Spatula

(A) Spatula

- 0.5mm width, 0.25mm thickness
- **Tip to angle length 10mm**
- 45° angled blade

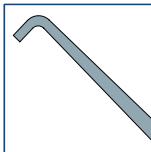


(B) Spatula

- 0.5mm width, 0.25mm thickness
- **Tip to angle length 15mm**
- 45° angled blade
- Round handle, overall length 130mm

Sinskey Hook

6-249

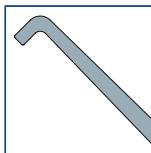


Delicate Sinskey Hook

- **0.12mm diameter tip, 0.35mm height**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Sinskey Hook

Best Seller 6-250

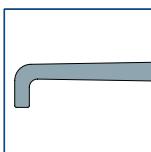


Sinskey Hook

- **0.18mm diameter tip, 0.35mm height**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Sinskey Hook

6-251



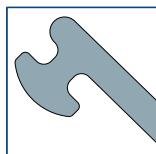
Reverse Sinskey Hook

- **0.18mm diameter tip, 0.35mm height**
- Tip to angle length 10mm
- Straight shaft
- Round handle, overall length 121mm

IOL Hook

Best Seller

6-400



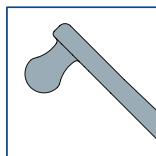
Kuglen IOL Hook

- 0.76mm x 0.75mm x 0.25mm rotator tip
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 122mm



IOL Manipulator

6-417



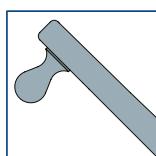
Ogawa IOL Manipulator

- 0.5mm diameter tip
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm



IOL Manipulator

6-418



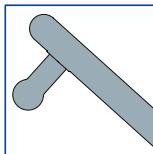
Ogawa Miniature IOL Manipulator

- **0.3mm diameter tip**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm



IOL Manipulator

6-450

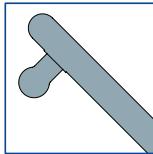


Lester IOL Manipulator

- 0.4mm diameter tip
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 118mm

IOL Manipulator

6-460

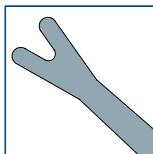


Hirschman IOL Manipulator

- 0.4mm diameter tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm

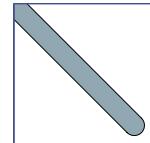
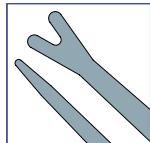
IOL Manipulator

6-467



IOL Manipulator

- **0.67mm vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft
- Round handle, overall length 117mm



IOL Manipulator and Spatula

IOL Manipulator

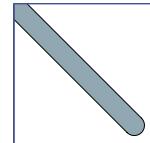
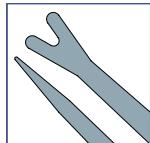
- **0.67mm vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft

Spatula

- 0.55mm diameter spatula
- Tip to angle length 11.5mm
- 45° angled shaft
- Round handle, overall length 125mm

IOL Manipulator

6-469-1



IOL Manipulator and Spatula

IOL Manipulator

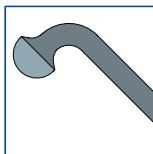
- **0.67mm delicate vertically forked tip**
- Tip to angle length 9mm
- 45° angled shaft

Spatula

- 0.55mm diameter spatula
- Tip to angle length 11.5mm
- 45° angled shaft
- Round handle, overall length 125mm

Nucleus Manipulator

6-472

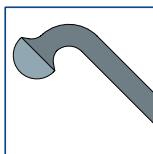


Barrett Nucleus Manipulator

- 0.65mm mushroom style tip
- Tip to angle length 10mm
- 45° angled shaft
- **Barrett balanced set handle**, overall length 119mm

Nucleus Manipulator

6-472-1

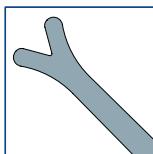


Nucleus Manipulator

- 0.65mm mushroom style tip
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 119mm

Nucleus Rotator

6-476

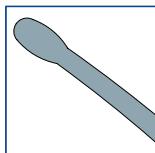


Mackool Nucleus Rotator

- 0.78mm vertically forked tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm

Nucleus Rotator

6-494



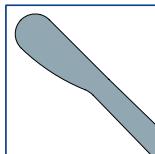
Nucleus Rotator

- 0.65mm diameter tip
- Tip to angle length 12mm
- 45° angled shaft
- Round handle, overall length 120mm



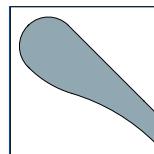
Nucleus Rotator

Best Seller 6-496



Drysdale Rotator, Small

- **0.5mm x 1.3mm round ended paddle**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm



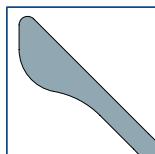
6-496-2

Drysdale Rotator, Large

- **0.8mm x 2.4mm large round ended paddle**

Nucleus Rotator

6-496-1

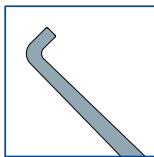


Drysdale Rotator, Angled

- **0.5mm x 1.4mm angled paddle**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

DMEK Hook

6-250-1

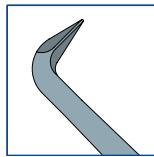


Reverse Sinskey Hook

- **0.18mm diameter tip, 0.35mm height pointing upwards**
- Tip to angle length 10mm
- 45° angled shaft
- Round handle, overall length 118mm

DMEK Scraper

6-257



Daya Descemet's Scraper

- 0.2mm tip width, 0.5mm height
- Sharp edges around tip
- Tip to angle length 14mm
- 45° angled shaft
- Round handle, overall length 121mm

Renewable Energy



Reusable Instruments Manufactured Using **Renewable Energy**

Our high-quality precision engineered reusable titanium ophthalmic instruments are now manufactured utilising the power of the sun in the form of solar panels at our Headquarters.



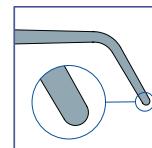
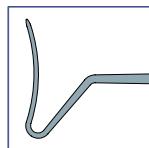
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Femto Spatula

6-855



Femto Flap Lifter and Re-treatment Spatula

Flap Lifter

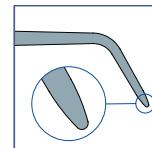
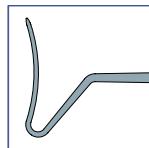
- 0.4mm diameter, smooth polished surface
- Curved shaft, 12mm length

Re-treatment Spatula

- 0.15mm tip diameter, smooth polished surface
- **Round shaped tip**
- Tip to angle length 3mm
- 60° angled blade
- Round handle, overall length 123mm

Femto Spatula

6-855-1



Femto Flap Lifter and Re-treatment Spatula

Flap Lifter

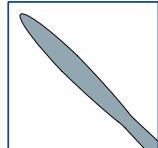
- 0.4mm diameter, smooth polished surface
- Curved shaft, 12mm length

Re-treatment Spatula

- 0.15mm tip diameter, smooth polished surface
- **Bullet shaped tip**
- Tip to angle length 3mm
- 60° angled blade
- Round handle, overall length 123mm

LASIK Spatula

6-870

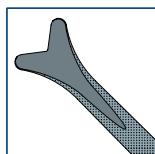


Buratto LASIK Oval Spatula

- 1.3mm wide, oval shaped spatula
- Tip to angle length 10.5mm
- 35° angled curved blade
- Round handle, overall length 122mm

ICL Manipulator

6-479

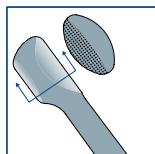


Deitz ICL Manipulator

- 0.78mm vertically forked tip
- **Lightly textured surface on underside from tip to angle**
- Tip to angle length 11mm
- 45° angled shaft
- Round handle, overall length 119mm

ICL Manipulator

Best Seller 6-481

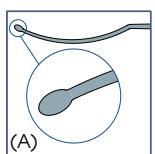


Pallikaris ICL Manipulator

- 0.7mm x 0.4mm oval shaped tip
- Textured finish on rounder side
- Tip to angle length 12mm
- 45° slightly curved shaft
- Round handle, overall length 119mm

ICL Manipulator

6-482

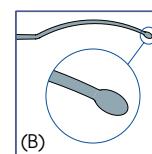


Bylsma Double Ended ICL Manipulator

(A) Manipulator

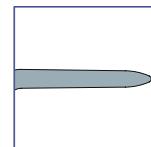
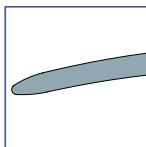
- 0.6mm x 1.0mm oval shaped tip
- Tip to angle length 12.5mm
- 45° angled curved shaft (curved left)

Keeping Surgeons **at the Leading Edge** of Ophthalmology



(B) Manipulator

- 0.6mm x 1.0mm oval shaped tip
- Tip to angle length 12.5mm
- 45° angled curved shaft (curved right)
- Round handle, overall length 143mm



SMILE Double Ended Dissector

Bullet Shaped Tip

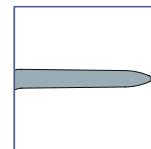
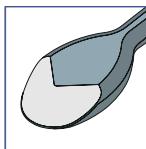
- **0.4mm diameter bullet shaped tip**
- Tip to angle length 9.5mm
- 60° angled curved shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 117mm

SMILE Dissector

6-836



SMILE Double Ended Dissector with Spoon Tip

Spoon Shaped Tip

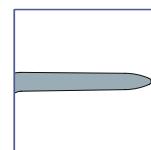
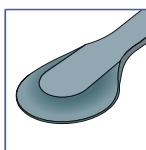
- 1.25 x 0.35mm spoon-shaped tip
- Tip to angle length 9.5mm
- 70° angled curved shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 116mm

SMILE Dissector

6-836-1



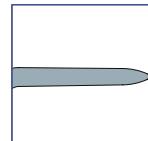
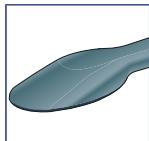
SMILE Double Ended Dissector with Taneri Spoon Tip

Spoon Shaped Tip

- 1.3 x 0.2mm semi-sharp spoon-shaped tip
- Tip to angle length 8.5mm
- 60° angled straight shaft
- **Laser markings on angled shaft at 7mm, 7.5mm and 8mm from tip**

Bullet Shaped Tip

- **0.25mm diameter bullet shaped tip**
- Tip to angle length 1.5mm
- 60° angled shaft
- Round handle, overall length 116mm



Reinstein Double Ended Lenticule Separator

Spoon Shaped Tip

- **1.2 x 0.4mm smooth spoon-shaped tip**

- Tip to angle length 8.5mm
- 90° angled curved shaft

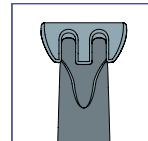
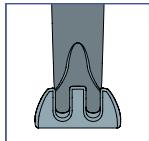
Bullet Shaped Tip

- **0.22mm diameter bullet shaped tip**

- Tip to angle length 2mm
- 60° angled shaft
- Round handle, overall length 114mm

SMILE Hook

6-837

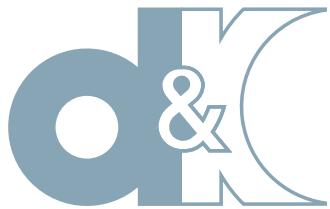


SMILE Double Ended Lenticule Hook

- 1mm wide 3 pronged hooks tip up and tip down
- Tip to angle length 10mm
- 70° angled shafts
- Round handle, overall length 123mm



Titanium Reusable Ophthalmic Instruments



Miscellaneous

- Cataract
 - Cataract Support System
 - Lens Loop
- Corneal
 - Lamellar Dissector
 - Keratometer
- Glaucoma
 - Punches
 - Conjunctival Clamps
- Lacrimal
 - Probes and Dilators
- Oculoplastics
 - Eye Shield
 - Clamps
- Paediatric
 - Muscle Hooks
- Vitreoretinal
 - Scleral Depressors

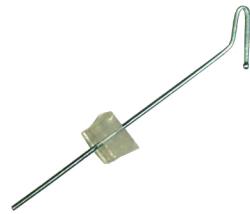


Cataract Support

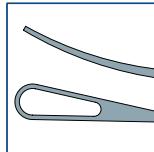
Best Seller 6-140

Mackool Cataract Support System

- (6 to 8 recommended)
- 0.3mm x 2.8mm hook
- **Overall length 8.7mm**
- Supplied individually

Lens Loop

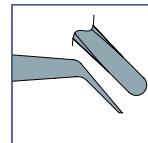
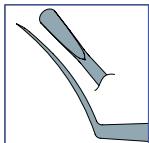
6-610

**Barrett Lens Loop**

- 4mm x 12mm loop (outside dimension)
- 3mm x 9mm loop (inside dimension)
- **Barrett balanced set handle**, overall length 121mm

Lamellar Dissector

6-607



Morlet Lamellar Dissector and Knife

Dissector

- 0.35mm x 2mm curved
- Angled shaft 12mm tip to curve

Knife

- 0.1mm x 1.5mm with sharp edges
- Tip to angle length 3mm
- Round handle, overall length 111mm

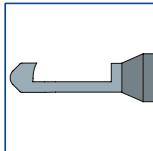
Keratometer

6-700

Maloney Keratometer

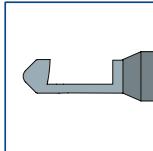
- 31mm maximum diameter
- 21.5mm height
- Cone-shaped instrument designed to reflect the microscope light in concentric rings on the cornea to detect astigmatism





Khaw Descemet's Membrane Punch, Small

- Designed to punch **0.5mm x 0.3mm**
- Round squeeze handle, overall length 117mm
- Particularly suited when small sclerostomy required

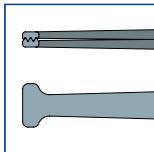


Khaw Descemet's Membrane Punch, Medium

- Designed to punch **0.75mm x 0.5mm**
- Round squeeze handle, overall length 117mm

Conjunctival Clamp

2-686

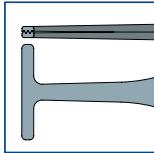


Khaw Conjunctival Clamp, Small

- Holds conjunctiva securely
- **Tip width 4mm**
- Overall length 74mm
- Single handed action
- Holds and protects the conjunctival edge during antimetabolite application

Conjunctival Clamp

2-687



Khaw Conjunctival Clamp, Large

- Holds conjunctiva securely
- **Tip width 12mm**
- Overall length 74mm
- Single handed action
- Holds and protects the conjunctival edge during antimetabolite application

Lacrimal Probes

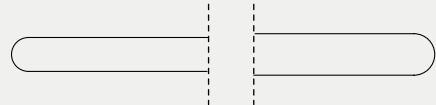
Finish

High quality surface finish over first 5mm of tips.

Probe Tips

Length

Overall length 130mm.

More Details...

For full product details visit:
duckworth-and-kent.com

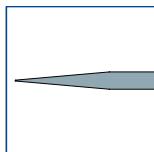
Instrument Comparison Chart

Product Name - Lacrimal Probe

Tip Size	Tip Diameter	Additional Information	
0000 and 000	0.5 and 0.6mm	Lacrimal Probe	6-656
00 and 0	0.7 and 0.8mm	Lacrimal Probe	6-656-1
1 and 2	0.9 and 1.0mm	Lacrimal Probe	6-656-2
3 and 4	1.1 and 1.2mm	Lacrimal Probe	6-656-3

Lacrimal Dilator

6-180



Lacrimal Dilator



- **0.1mm diameter pointed tip**
- 10° inclusive angle
- Round handle, overall length 122mm

Repeatable Quality

Duckworth & Kent's titanium reusable instruments are produced to the highest standards using state-of-the-art technology and decades of expertise, guaranteeing repeatable quality and accuracy with every instrument.

Consistent and accurately manufactured instruments
increase successful patient outcomes.



Consistency & Accuracy in Every Ophthalmic Instrument

Keeping Surgeons **at the Leading Edge** of Ophthalmology

Eye Shields



Protects the eye when carrying out laser blepharoplasty surgery

Finish

All shields are highly polished.

Grasping Mechanism

Peg or loop to facilitate placement and removal.

Grasping Mechanism

Peg



Loop



(6-667-6)

Instrument Comparison Chart

Product Name - Eye Shield

Size	Dimensions	Loop/Peg	Additional Information	
Small	18mmx20mm	Peg	Egi-Rabkin Eye Shield, Small	6-667-4
Medium	18.5mmx21mm	Loop	Egi-Miyata Eye Shield, Medium	6-667-6
		Peg	Egi-Rabkin Eye Shield, Medium	6-667-3
Large	19mmx22mm	Peg	Egi-Rabkin Eye Shield, Large	6-667-2

Best Seller

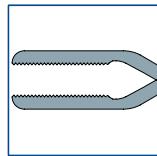
Otaka Lid Plate

- 23mm wide
- 20mm wide
- Matt finish
- Overall length 55mm



Utility Clamp

6-805



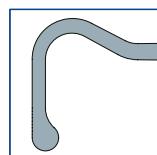
Bulldog Clip

- 8.5mm serrated cross action jaws
- Overall length 46mm



Muscle Hook

6-625



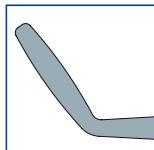
Jameson Muscle Hook

- 2mm bulbous tip, **tip to curve length 10mm**
- Round handle, overall length 136mm



Scleral Depressor

6-615

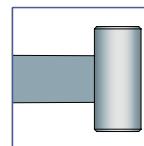
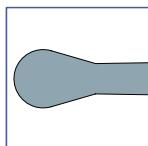


Tsukahara Scleral Depressor

- **Highly polished tip**
- Tip length 6mm, maximum diameter 1.2mm
- 55° angled shaft
- Large diameter round handle, overall length 114mm

Scleral Depressor

6-635-2



Schochet Double Ended Scleral Depressor

Round Tip

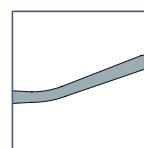
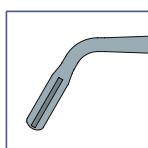
- 2.5mm round tip

Cylinder Tip

- 2mm x 4.5mm cylinder tip
- Round handle, overall length 135mm

Scleral Depressor

6-635-3



Koura Double Ended Scleral Depressor

Oval Tip

- 2mm oval tip
- 2x slits down side, 0.5mm diameter x 6mm length
- 60° angled shaft

Round Tip

- 2mm round tip
- 20° angled shaft
- Round handle, overall length 124mm

Now working in partnership with the NHS Supply Chain.

Duckworth & Kent are now a supplier
on **NHS Supply Chain's Complete Ophthalmology Solutions 3 framework**.

It marks an exciting step forward in supporting the NHS with high-quality
reusable titanium instruments.

Expanding access. Upholding excellence.



We combine uncompromising precision engineering with a commitment to
making our instruments accessible to customers everywhere.

Find out more by visiting: www.duckworth-and-kent.com

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Titanium Reusable Ophthalmic Instruments



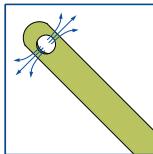
Irrigation and Aspiration

- I/A Handpieces (21 and 23 Gauge)
- Aspiration Tips
- Coaxial Handpieces
- Phaco Wrench
- Cannula Handle
- Irrigating Cannulas



Irrigation Handpiece

Best Seller 8-650



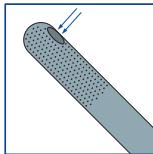
Irrigation Handpiece

- **21 gauge, 0.8mm tube diameter**
- **Two 0.5mm irrigation ports**
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-655**



Aspiration Handpiece

Best Seller 8-655



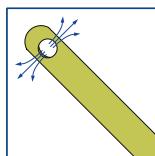
Aspiration Handpiece

- **21 gauge, 0.8mm tube diameter, textured tip**
- 0.35mm aspiration port
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-650**



Irrigation Handpiece

8-652

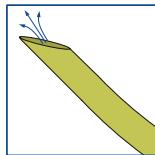


Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- **Two 0.4mm side irrigation ports**
- Curved shaft, tube length 15mm
- Round handle, overall length 107mm
- Suggested Pairing: **8-657**

Irrigation Handpiece

8-652-1

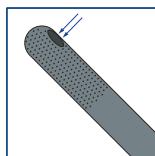


Irrigation Handpiece

- **23 gauge, 0.65mm tube diameter**
- **Open end 0.5mm irrigation port, 30° angled face**
- Curved shaft, tube length 11mm
- Round handle, overall length 103mm
- Suggested Pairing: **8-657**

Aspiration Handpiece

8-657



Aspiration Handpiece

- **23 gauge, 0.65mm tube diameter, textured tip**
- 0.3mm aspiration port
- Curved shaft, tube length 11mm
- Round handle, overall length 104mm
- Suggested Pairing: **8-652** or **8-652-1**



Aspiration Tips to be used in conjunction with 8-711 series I/A Handpieces (see page 111)

Port Size

0.25mm and 0.3mm options available.

Texture

Tips have no texture.

Shape

Four variations available 90° angle, 45° angle, angled and straight.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

Product Name - I/A Tip

22 Gauge / 0.7mm Tube Diameter

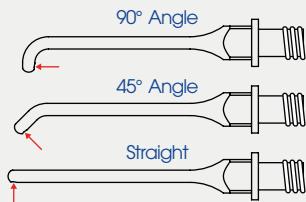
Port Size	Shape	Texture	Additional Information	
0.25mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-730
0.3mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-731
	45° Angled	None	Aspiration Tip, 45° Angled Tip	8-731-1
	Straight	None	Aspiration Tip, Straight Tip	8-731-3

20 Gauge / 0.9mm Tube Diameter

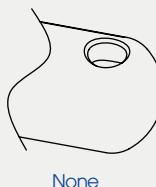
Port Size	Shape	Texture	Additional Information	
0.3mm	90° Angled	None	Aspiration Tip, 90° Angled Tip	8-732
	45° Angled	None	Aspiration Tip, 45° Angled Tip	8-732-1
	Straight	None	Aspiration Tip, Straight Tip	8-732-3

Best Seller

Shape

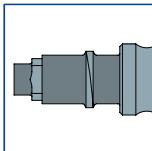


Texture



I/A Handpiece

8-711N



I/A Handpiece, Push Fit

- Round handle, overall length 115mm
- Separates for cleaning internal parts
- **Single thread at front of handpiece**
- Used with 8-730, 8-731 and 8-732 series aspiration tips
- Aspiration tips purchased separately
- Silicone sleeve is pushed onto single thread
- **Silicone sleeve not included**

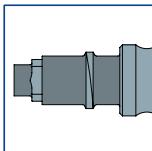
8-711-1N

I/A Handpiece, Screw Fit

- **Multi-thread at front of handpiece**
- **Silicone sleeve screw fits onto multi-thread**

I/A Handpiece

8-711NL



I/A Handpiece with Luer Lock, Push Fit

- Round handle, overall length 115mm
- Separates for cleaning internal parts
- **Luer lock fitting on irrigation port**
- **Single thread at front of handpiece**
- Used with 8-730, 8-731 and 8-732 series aspiration tips
- Aspiration tips purchased separately
- Silicone sleeve is pushed onto single thread
- **Silicone sleeve not included**

Best Seller 8-711-1NL

I/A Handpiece, Screw Fit

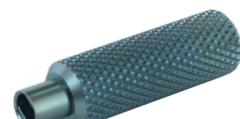
- **Multi-thread at front of handpiece**
- **Silicone sleeve screw fits onto multi-thread**

Phaco Wrench

8-001

Phaco Wrench

- For use with Alcon fitting needles and all D&K aspiration tips (8-730 series, 8-731 series and 8-732 series)

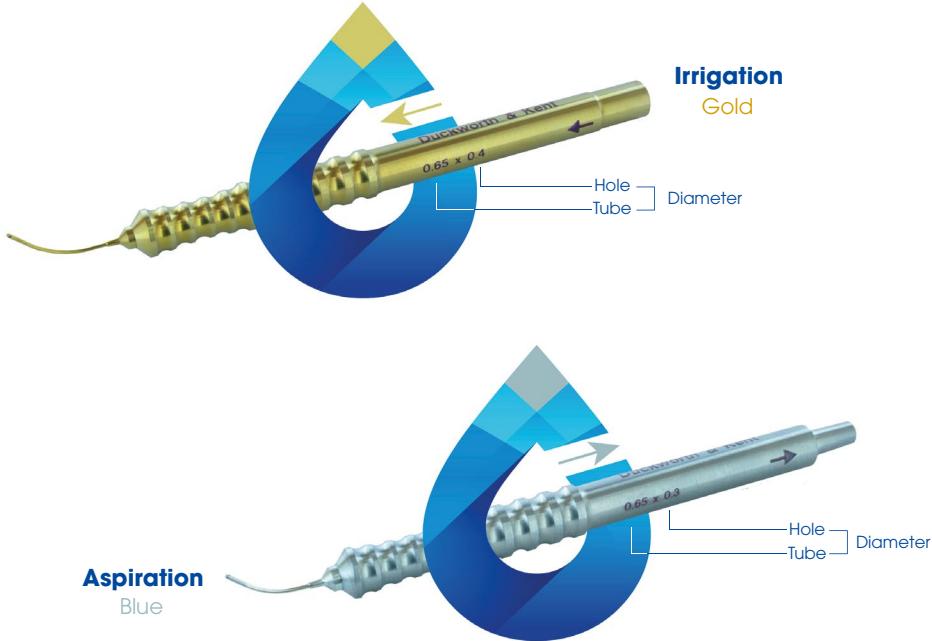


Precision engineered irrigation and aspiration handpieces

Consistent high flow rates

Tube sizes range from 21 gauge (0.8mm diameter) to 23 gauge (0.65mm diameter).

Precision made tips and tubes, produced from a single piece of titanium with no fabrication. Guaranteed quality.



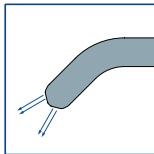
Coaxial handpieces and tips

Available with single/multi thread/luer lock options. Separates for cleaning internal parts.



Keeping Surgeons **at the Leading Edge** of Ophthalmology

Cannula

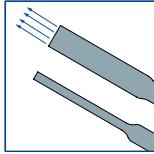


Inamura Multipurpose Cannula

- 22 gauge tube (0.7mm diameter)
- Twin jets, inclusive angle **30°**
- 45° angled tip
- Overall length 36mm

Cannula

8-602

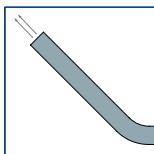


Mackool Hydrodissection Cannula

- 23 gauge tube (0.65mm diameter)
- 0.85mm x 0.3mm flattened tip
- 30° angled shaft, tip to angle length 8mm
- Overall length 35mm

Cannula

8-605



Air Injection Cannula

- 23 gauge tube (0.65mm diameter)
- 45° angled shaft, tip to angle length 5mm
- Overall length 35mm



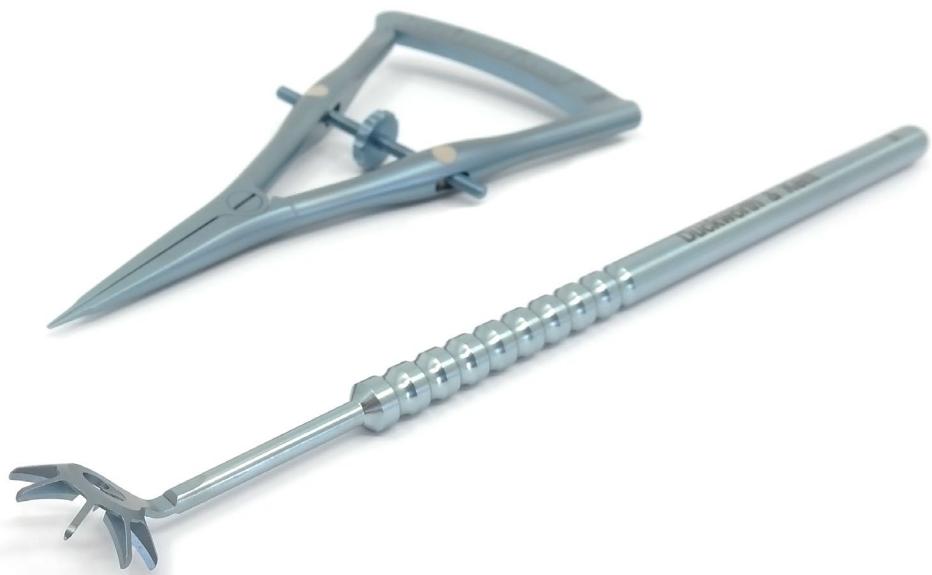
Cannula Handle

8-720



Cannula Handle

- **Specifically made for D&K Cannulas**
- **Made with standard Male and Female luer fittings (ISO 80369-7)**
- Overall length 99mm



Titanium Reusable Ophthalmic Instruments



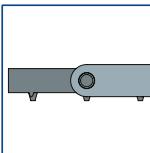
Fixation Rings, Gauges and Markers

- Fixation Rings
- CCC Markers
- Corneal Blade Markers
- DMEK Markers
- Axis Blade Markers
- Degree Gauges
- Toric Markers
- Incision Markers
- Intravitreal Injection Guides
- Calipers



Fixation Ring

9-510

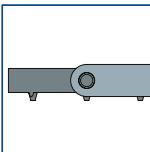


Thornton Fixation Ring

- 3/4 ring, **13mm** diameter ring with ten point fixation
- Pivot swivel flat handle, overall length 104mm

Fixation Ring

Best Seller 9-510R

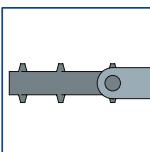


Thornton Fixation Ring

- 3/4 ring, **13mm** diameter ring with ten point fixation
- Pivot swivel round handle, overall length 112mm

Fixation Ring

9-515R



Thornton Fixation Ring

- 3/4 offset ring, **13mm** diameter ring **dual-sided** with ten point fixation
- Pivot swivel round handle, overall length 113mm

CCC Marker

9-518-2



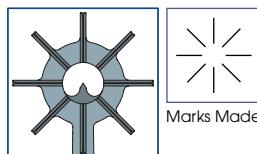
Fujimoto CCC Guide, Ø5.6mm

- 12mm diameter outer ring
- Inner capsulorhexis guide **5.6mm** diameter ring
- Smooth surface to mark cornea
- Fixed flat handle, overall length 99mm



Blade Marker

9-732



Thornton Radial Marker, 8 Blades

- **8 radial blades**
- 4mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length 128mm



Blade Marker

9-734

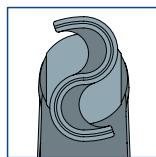


Thornton Radial Marker, 16 Blades

- **16 radial blades**
- 5mm inside diameter, 13mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length 128mm



S Marker



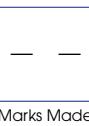
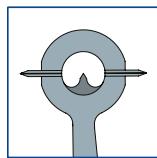
Mark Made



DMEK 'S' Marker

- 1.25 x 2.5mm **high 'S' mark**
- 35° angled handle
- Round handle, overall length 96mm

Blade Marker



Marks Made



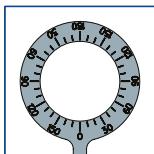
Best Seller 9-729-1

Axis Marker, 2 Blades

- **2 axial blades**
- 4mm inside diameter, 11.6mm outside diameter
- Lowest profile with centre pointer
- Round handle, overall length **95mm**

Degree Gauge

9-700

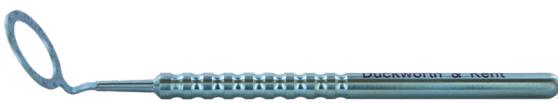
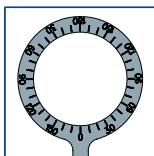


Mendez Degree Gauge

- Marks 0° - 180° in **10° increments** x 2
- 12mm internal ring diameter
- 40° angled handle
- Flat handle, overall length 116mm

Degree Gauge

9-705R



Wallace-Mendez Degree Gauge

- Measures 0° - 180° in **10° increments** x 2
- 12mm internal ring diameter
- 60° angled handle
- Round handle, overall length 102mm

Degree Gauge

Best Seller 9-705R-1

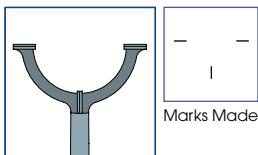


Mendez Degree Gauge

- Marks 0° - 180° in **5° increments** x 2
- 12mm internal ring diameter
- 60° angled handle
- Round handle, overall length 103mm

Toric Marker

Best Seller 9-840

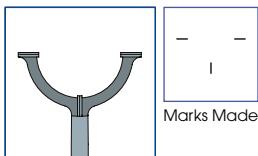


Cionni Toric Reference Marker

- **3 blades**, radial marks
- **10mm** inside diameter, **15mm** outside diameter
- 70° angled shaft
- Round handle, overall length 124mm

Toric Marker

9-840-1

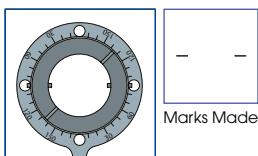


Cionni Toric Reference Marker

- **3 blades**, radial marks
- **8.5mm** inside diameter, **12.75mm** outside diameter
- 70° angled shaft
- Short round handle, overall length 96mm

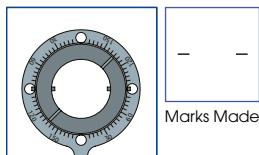
Toric Marker

Best Seller 9-841



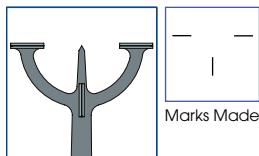
Cionni Toric Axis Marker

- **2 rotating blades**, radial marks
- **11mm** inside diameter, **15mm** outside diameter
- Marks 0° to 180° in **10° increments**
- 40° angled shaft
- Flat handle, overall length 116mm



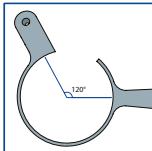
Cionni Toric Axis Marker

- **2 rotating blades**, radial marks
- **9.35mm** inside diameter, **12.75mm** outside diameter
- Marks 0° to 180° in **5° increments**
- 40° angled shaft
- Flat handle, overall length 116mm



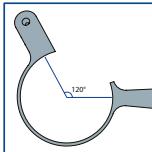
Ota Reference Incision Marker

- 3 blades with centre point, **radial marks**
- 8mm inside diameter, 15mm outside diameter
- 70° angled shaft
- Round handle, overall length 97mm



Doi-Uematsu Intravitreal Injection Guide

- 0.5mm needle guide hole, suitable for 27 gauge needle or smaller
- 12mm diameter ring with 'snow-tyre pattern' fixation
- **5.5mm** break in ring
- **Designed for the right handed surgeon to be held in the non-dominant hand**
- Held in the non-dominant hand (left)
- Round handle, overall length 102mm

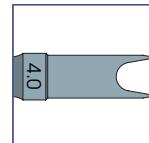
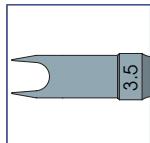


Doi-Uematsu Intravitreal Injection Guide

- 0.5mm needle guide hole, suitable for 27 gauge needle or smaller
- 12mm diameter ring with 'snow-tyre pattern' fixation
- **8.4mm** break in ring
- **Designed for the right handed surgeon to be held in the non-dominant hand**
- Held in the non-dominant hand (left)
- Round handle, overall length 98mm

Marking Caliper

9-692

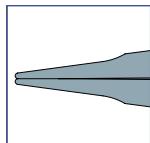


Double Ended Caliper

- Double ended caliper marks 3.5mm and 4mm
- Marks from centre of caliper tips
- Round handle, overall length 99mm

Marking Caliper

9-649

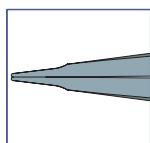


Castroviejo Style Marking Caliper

- 0.25mm x 0.25mm delicate marking tips
- Marks **0mm to 20mm in 0.25mm** increments
- Marks from centre of tips
- Adjustable thumb screw
- Standard caliper handle

Marking Caliper

9-650

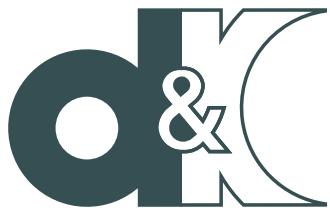


Castroviejo Style Marking Caliper

- 0.25mm x 0.25mm delicate marking tips
- Marks **0mm to 15mm in 0.25mm** increments
- Marks from centre of tips
- Adjustable thumb screw
- Standard caliper handle



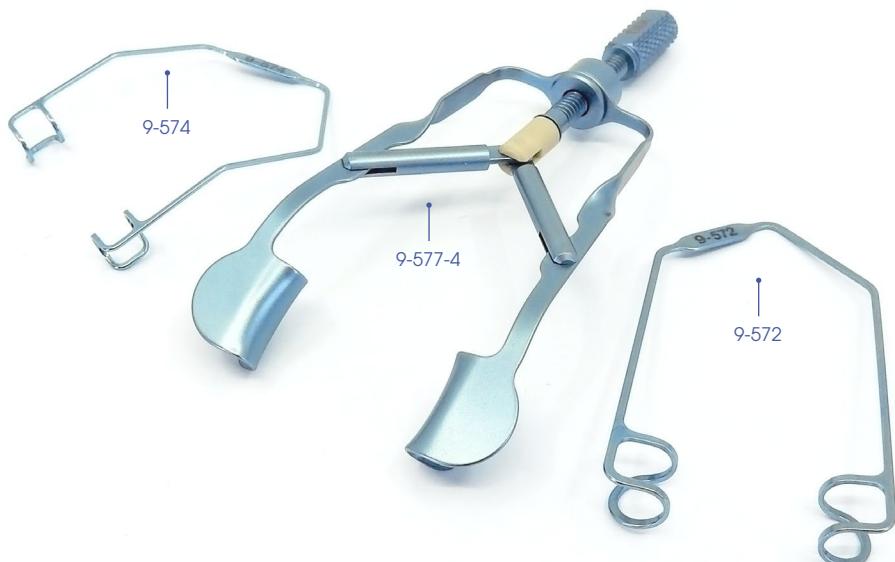
Titanium Reusable Ophthalmic Instruments



Specula

- Neonatal / Paediatric
- Adult Single Piece
- Adult Adjustable
- Adjustable by Procedure
- Adjustable by Sub-Specialty
- Adjustable Reversible



[More Details...](#)For full product details visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Single Piece

Blades	Size mm	Shape	Position	Additional Information	
Closed	4.4	Angled	Temporal	Neonatal Speculum	9-574
	6	Straight	Temporal	Barraquer Paediatric Speculum	9-572
	9	Angled	Temporal	Barraquer Paediatric Speculum	9-573

Computerised machines accurately produce a range of single piece specula from a **single piece of titanium**

Adjustable

Blades	Size mm	Shape	Position	Additional Information	
Closed	7	Curved	Temporal	Adjustable Paediatric Speculum	9-577-3
Solid	9.6	Curved	Temporal	Adjustable Paediatric Speculum	9-577-4

Best Seller

Blades

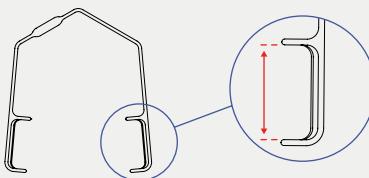
Closed



Solid



Size

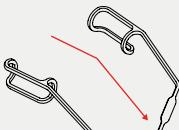


Straight / Temporal

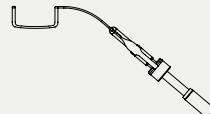


Shape & Position

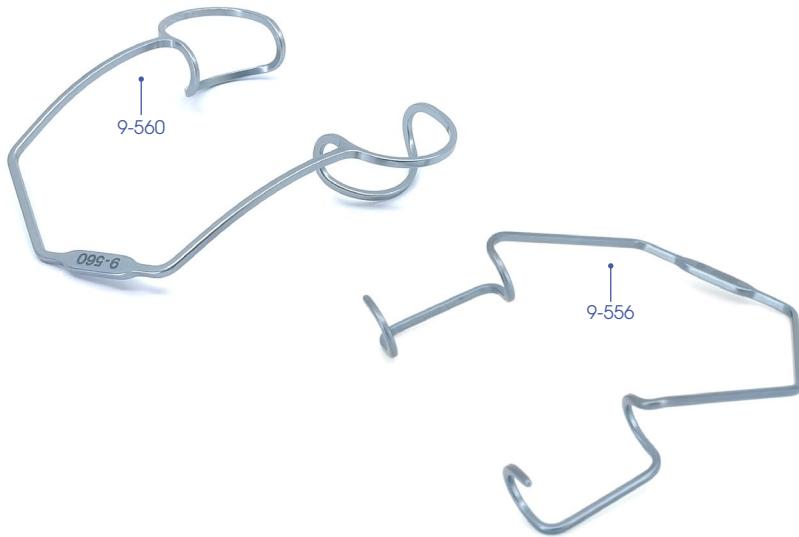
Angled / Temporal



Curved / Temporal



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Single Piece

Computerised machines accurately produce a range of **single piece specula** from a single piece of titanium.

More Details...

For full product details visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Blades	Size mm	Shape	Position	Additional Information	
Closed	14	Curved	Temporal	Speculum	9-560
	14.5	Straight	Temporal	Barraquer Adult Speculum	9-550
		Angled	Temporal	Barraquer Adult Speculum	9-551
			Nasal	Barraquer Adult Speculum	9-552
Open	14.5	Straight	Temporal	Kratz-Barraquer Speculum	9-555
		Angled	Temporal	Kratz-Barraquer Speculum	9-556
			Nasal	Kratz-Barraquer Speculum	9-557

■ Best Sellers

Blades

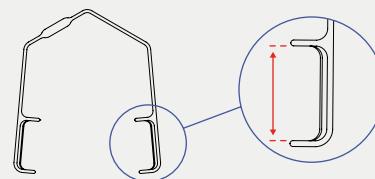


Closed



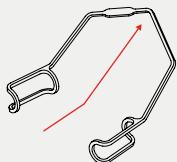
Open

Size

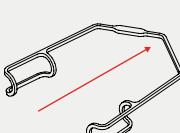


Shape & Position

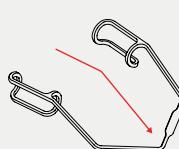
Angled / Nasal



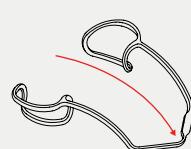
Straight / Temporal

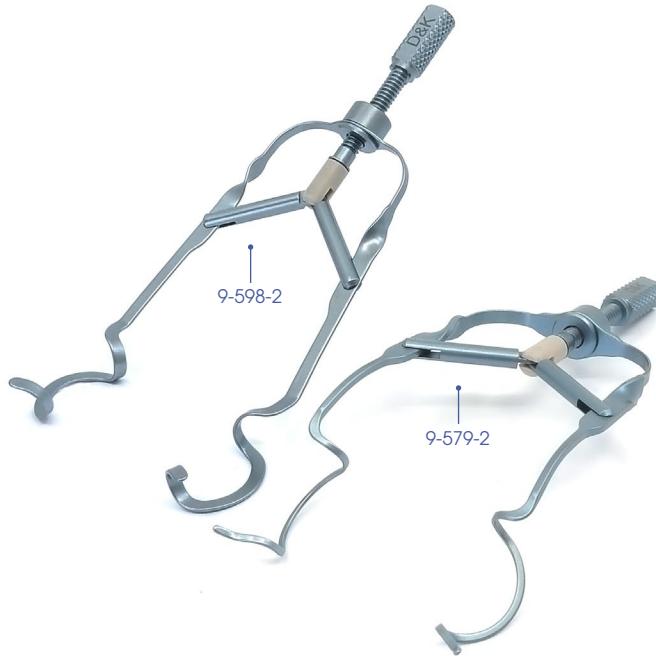


Angled / Temporal



Curved / Temporal

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[More Details...](#)

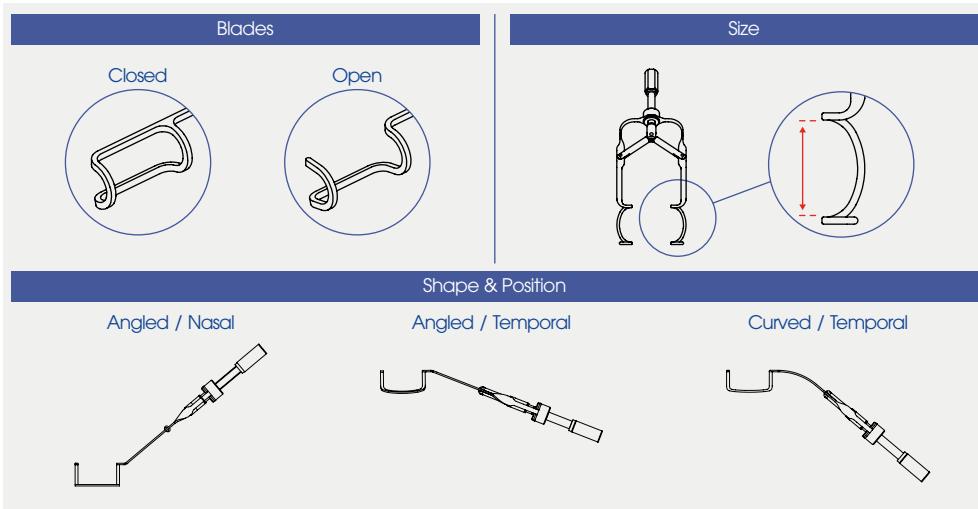
For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Blades	Size mm	Shape	Position	Additional Information	
Closed Thin	13.5	Curved	Temporal	Adjustable Speculum, Thin Blades	9-578-2
Closed	14.5	Curved	Temporal	Adjustable Speculum	9-578
Open Thin	13.5	Curved	Temporal	Adjustable Speculum, Thin Blades	9-579-2
Open Thick	13.5	Curved	Temporal	Mackool Adjustable Speculum, Thick Blades	9-579
Open	13.5	Angled	Nasal	Koch-Cionni Adjustable Speculum	9-598-2
	14.5	Angled	Temporal	Adjustable Speculum	9-597-1

Best Seller

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[More Details...](#)

For full product details visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Blades	Size mm	Shape	Position	Additional Information	
Open	14.5	Angled	Nasal	Barrett Adjustable Speculum	9-591
			Temporal	Barrett Adjustable Speculum	9-590
		Straight	Temporal	Barrett Adjustable Speculum	9-592

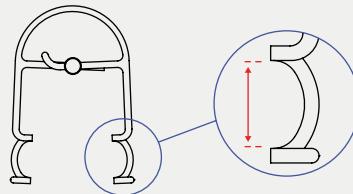
Best Seller

Locking Mechanism



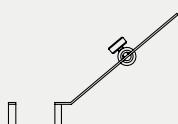
Thumb Screw

Size



Shape & Position

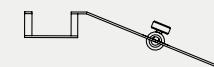
Angled / Nasal



Straight / Temporal



Angled / Temporal



Cost Saving Calculator

Our reusable instruments for cataract surgery provide consistent cost savings and long-term value compared to single-use alternatives.

Leverage the advantage of over 65 years of engineering expertise, ensuring the creation of premium, precision instruments available at cost-effective prices.



Input your figures, and in seconds see a clear, month-by-month cost comparison between our reusable titanium instruments for cataracts surgery compared with single-use equivalents, complete with break-even point and total savings over your chosen time horizon.

You can tailor the calculation to your case volume, reprocessing and replacement assumptions, and instrument mix, then export the results (CSV or PDF) to support purchasing decisions with confidence.

Visit: www.duckworth-and-kent.com/cost-saving-calculator

Invest in world-renowned high quality titanium instruments.

Keeping Surgeons **at the Leading Edge** of Ophthalmology



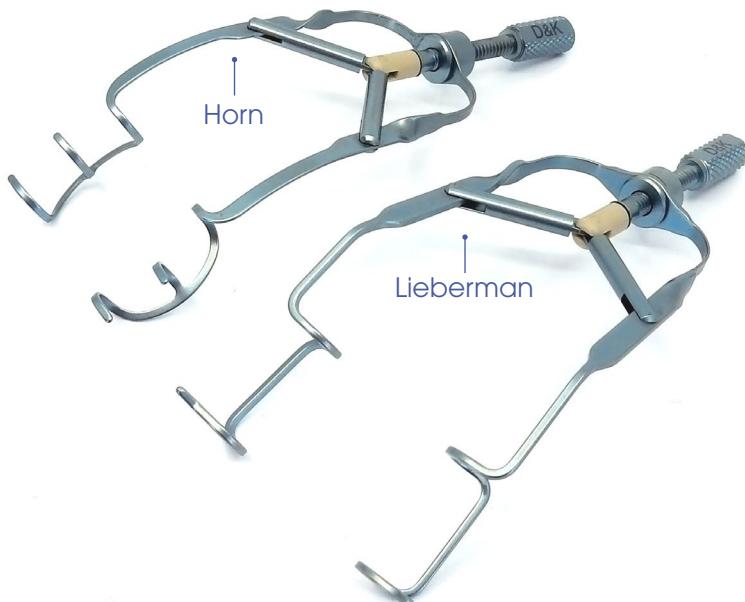
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[More Details...](#)

For full product details including overall lengths, visit: duckworth-and-kent.com

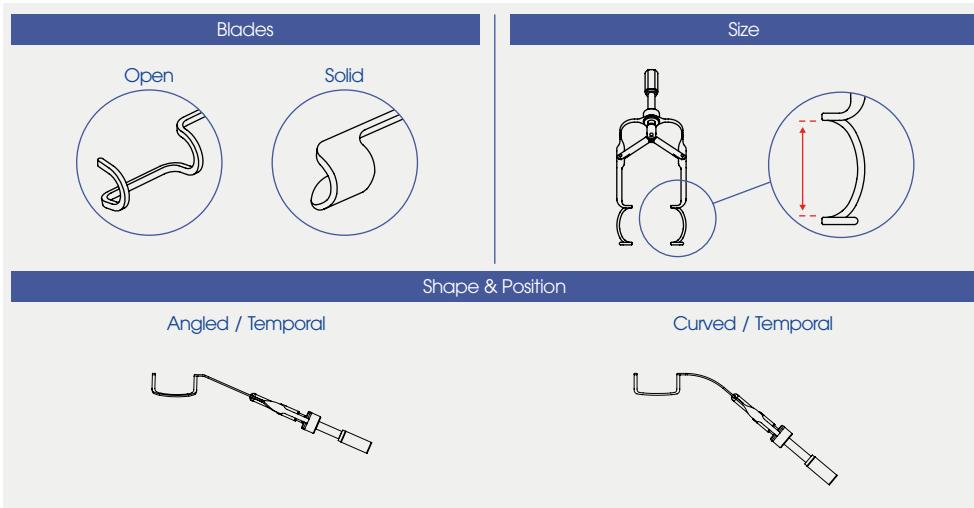
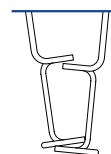
Instrument Comparison Chart

Product Name - Speculum

Femtosecond Laser					
Blades	Size mm	Shape	Position	Additional Information	
Open	15.5	Curved	Temporal	RJ Mackool™ Femtosecond Laser Speculum	9-588-1
				Horn Adjustable Femtosecond Laser Speculum	9-588-2
LASIK					
Blades	Size mm	Shape	Position	Additional Information	
Open	15	Angled	Temporal	Lieberman Adjustable Speculum*	9-588-3
	15.5	Angled	Temporal	Buratto Adjustable Speculum	9-588
	18	Angled	Temporal	Williams Adjustable LASIK Speculum	9-583
Solid	14.5	Angled	Temporal	Mackool Adjustable Speculum	9-595

 Best Sellers

* Non-overlapping blades when closed (9-588-3)



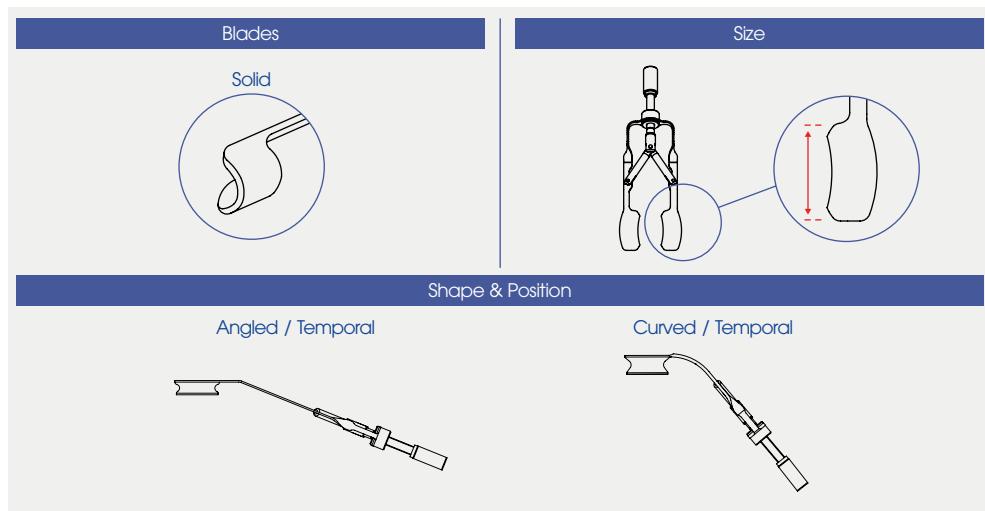
More Details...

For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Glaucoma				
Blades	Size mm	Shape	Position	Additional Information
Solid	14	Angled	Temporal	Khaw Standard Glaucoma Surgery Speculum 9-576
	14.5	Curved	Temporal	Khaw Glaucoma Surgery Speculum (Thin) 9-576-4
		Curved	Temporal	Khaw Glaucoma Speculum, Narrow 9-576-5



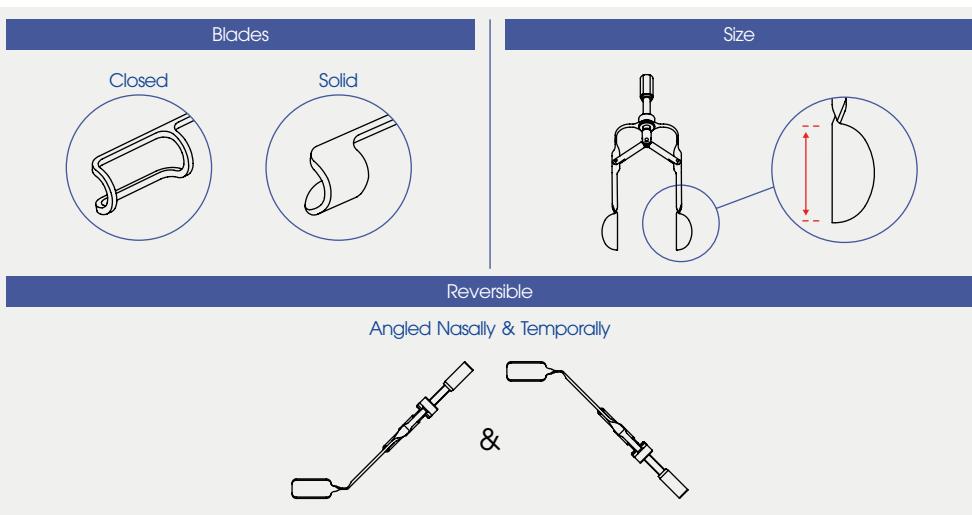
**More Details...**

For full product details including overall lengths, visit: duckworth-and-kent.com

Instrument Comparison Chart

Product Name - Speculum

Blades	Size mm	Position	Additional Information	
Closed	14	Reversible	Shepard Reversible Speculum	9-599-1
Solid	14	Reversible	Shepard Reversible Speculum	9-599



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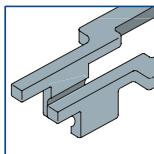
Titanium Reusable Ophthalmic Instruments



IOL Forceps and Injectors

- IOL Forceps and Injectors





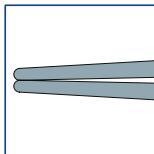
IOL Folding Forceps

- Paddle style jaws
- Flat handle, overall length 115mm
- Allows for upward folding of IOL
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001

IOL Forceps

DK7710E



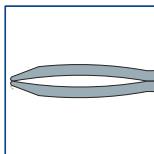
IOL Holding Forceps

- 45° angled shafts, tip to angle length 7mm
- Highly polished inner jaw surfaces protects from scratching the lens surface
- Flat handle, overall length 111mm
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001

IOL Forceps

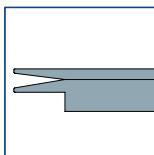
DK7740E



IOL Insertion Forceps

- 40° angled shafts, tip to angle length 7.5mm
- Biconvex jaw design
- Highly polished inner jaw
- Flat handle, overall length 107mm
- **Designed specifically for AcrySof IOL implant approved by Alcon**
- **E Range single piece handle**

Design registration number 004383396-0001



IOL Loading Forceps

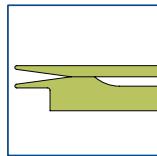
- Highly polished tips protect from scratching the lens surface
- Round handle, overall length 119mm
- **Designed specifically for loading AcrySof IOL into the MONARCH® II and III cartridges**
- **E Range single piece handle**

Design registration number 004383396-0001

IOL Forceps

Best Seller

DK7726



IOL Loading Forceps

- **For loading the TECNIS® 1-Piece IOL into the One Series™ Ultra Cartridge**
- Polished tips protect from scratching the lens surface
- Round handle, overall length 111mm



Injector with Pre-Load Position Suitable for Alcon MONARCH® D, C and B Cartridges

- **Suitable for Alcon MONARCH® IID, IIIC and IIB cartridges**
- Front loading cartridge, secured by rotating sleeve
- **Single handed delivery for efficient lens implantation**
- **Pre-load position, reducing final plunger movement**
- Injector separates to expose internal parts for cleaning
- Injector length overall (without cartridge) 157mm



Screw Thread Injector for Alcon MONARCH® D, C, and B cartridges

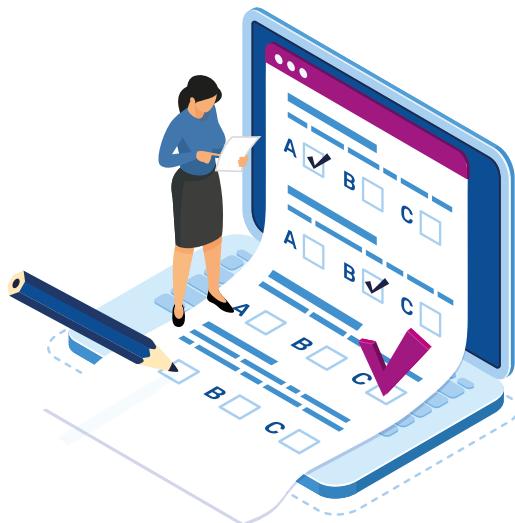
- **Suitable for Alcon MONARCH® IID, IIIC and IIB cartridges**
- Front loading cartridge, secured by rotating sleeve
- **Screw thread system for controlled lens implantation**
- **Rapid screw thread gives a smooth predictable lens delivery**
- Injector separates to expose internal parts for cleaning
- Injector length overall (without cartridge) 152mm

To view electronic versions of the IFUs (Instructions for Use) for DK7797-2 and DK7797-3, visit: www.dk-ifu.com

Feedback

At Duckworth & Kent, we're on a mission to continue providing precision engineered instruments for ophthalmology, and your feedback is the compass guiding us!

Whether it's a suggestion, a thumbs-up, or even constructive critique, your insights help us refine our instruments and services to better meet your needs and those of fellow surgeons.



We appreciate every comment, like, and share – you're not just customers; you're valued partners on our journey of continuous improvement.

To share your thoughts and opinions,
visit www.duckworth-and-kent.com/feedback-page
We look forward to hearing from you.

Thank you for being a vital part of shaping the future with us!

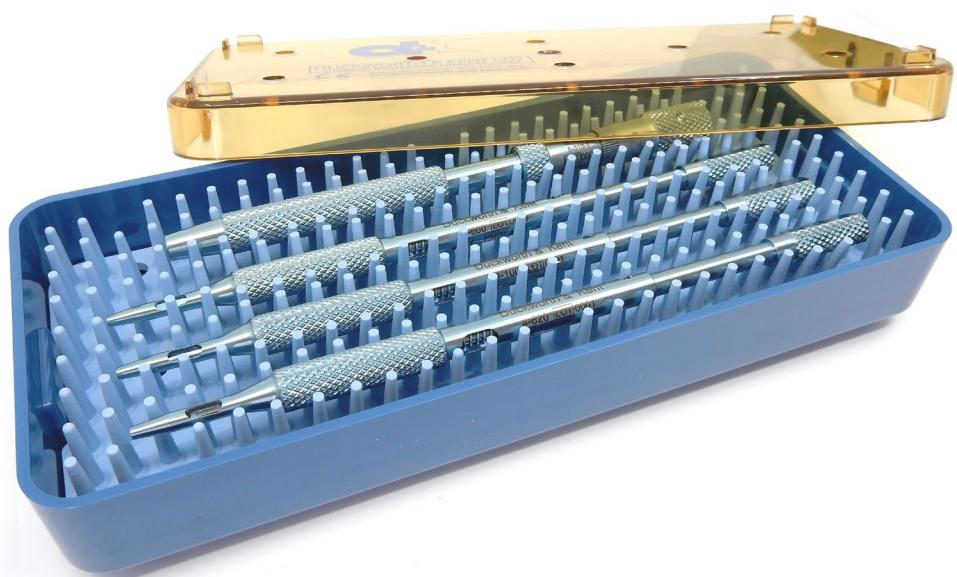
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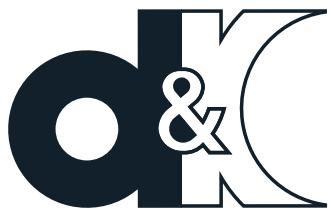
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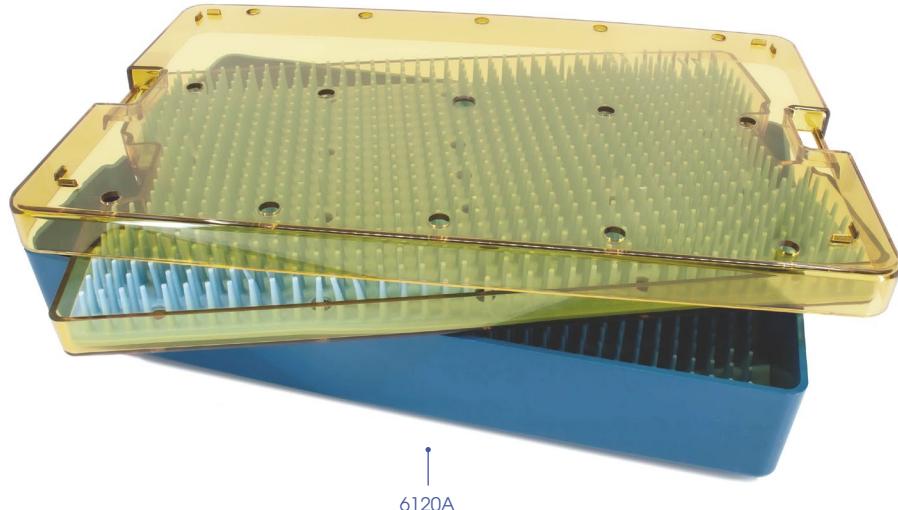
Titanium Reusable Ophthalmic Instruments



Sterilising Trays

- Sterilising Trays





Capacity

Variable options ranging from 4-20 instruments.

Silicone Mats

One silicone mat provided, except for 6120A which has a second internal middle tray.

Dimensions

External dimensions provided.

More Details...

For full product details visit:
duckworth-and-kent.com

Instrument Comparison Chart

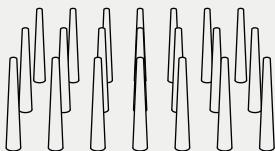
Product Name - Sterilising Tray

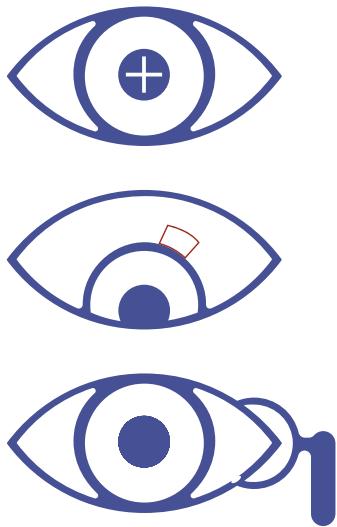
Capacity	Dimensions	Silicone Mats	Additional Information	
4	160/70/25mm	1	Sterilising Tray for 4 Instruments	2600A
6	173/110/25mm	1	Sterilising Tray for 6 Instruments	4600A
10	264/162/25mm	1	Sterilising Tray for 10 Instruments	6100A
20	264/162/45mm	2	Sterilising Tray for 20 Instruments	6120A

 Best Seller

Silicone Mats

Mats

Keeping Surgeons **at the Leading Edge** of Ophthalmology



Titanium Reusable Ophthalmic Instruments



Instruments by Sub-Specialty

- Essential Cataract
- Glaucoma
- Lacrimal
- Oculoplastics
- Paediatric
- Vitreoretinal



Essential Cataract Selection



Essential Cataract Selection

Product Name	Product Number	Page Number
Barraquer Adult Speculum	9-551	130
Kratz-Barraquer Speculum	9-556	130
Pierce Notched Forceps	2-100E	30
Bonn Toothed Forceps, 0.12mm	2-110E	28
Inamura Capsulorhexis Forceps	2-716GER8-1	38
Ultrata Capsulorhexis Forceps	2-719-3E	44
Barrett Nucleus Chopper and Manipulator	6-085-1	73
Drysdale Rotator, Small	6-496	86
Irrigation Handpiece	8-652	108
Aspiration Handpiece	8-657	108
I/A Handpiece with Luer Lock, Push Fit	8-711NL	111
Aspiration Tip, 45° Angled Tip	8-731-1	110

■ Best Sellers

Cost Saving Calculator

Our reusable instruments for cataract surgery provide consistent cost savings and long-term value. Find out how using our Cost Calculator.

Visit: www.duckworth-and-kent.com/cost-saving-calculator

Input your figures, and in seconds see a clear, month-by-month cost comparison between our reusable titanium instruments for cataracts surgery, compared with single-use equivalents, complete with break-even point and total savings over your chosen time horizon.

Invest in world-renowned high quality titanium instruments.



Sub-Tenon Selection

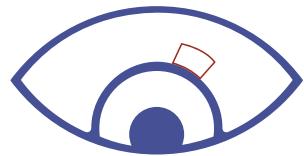
Product Name	Product Number	Page Number
Barraquer Adult Speculum	9-551	130
Moorfields Utility Forceps	2-510-1E	50
Westcott Style Tenotomy Scissors, Curved	1-510	20

Occasional Range

Product Name	Product Number	Page Number
Lieberman Adjustable Speculum	9-588-3	136
Shepard Reversible Speculum (Closed)	9-599-1	138
Needle Holder, Curved 7mm	3-205	58
Vannas Scissors	1-110	24
Osher IOL Cutter, Angled	1-705	21
Tying Forceps, Straight	2-500E	32
Kelman-McPherson Tying Forceps, Angled	2-522E	32
Mackool Cataract Support System	6-140	95
Denman-Brown Nucleus Cracker	2-803E	47
Sinskey Hook	6-250	81
Kuglen IOL Hook	6-400	82

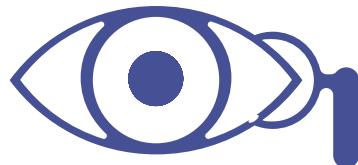
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Glaucoma Instruments



Product Name	Product Number	Page Number
Khaw Suture Control Forceps	2-502E	50
Khaw Conjunctival Clamp, Small	2-686	98
Khaw Conjunctival Clamp, Large	2-687	98
Khaw Descemet's Membrane Punch, Small	7-101	97
Khaw Descemet's Membrane Punch, Medium	7-102	97
Khaw Standard Glaucoma Surgery Speculum	9-576	137
Khaw Glaucoma Surgery Speculum (Thin)	9-576-4	137
Khaw Glaucoma Surgery Speculum, Narrow	9-576-5	137

Lacrimal Instruments



Product Name	Product Number	Page Number
Lacrimal Dilator	6-180	99
Lacrimal Probe, size 0000-000	6-656	99
Lacrimal Probe, size 00-0	6-656-1	99
Lacrimal Probe, size 1-2	6-656-2	99
Lacrimal Probe, size 3-4	6-656-3	99

Best Sellers

Oculoplastics Instruments



Instruments by Sub-Specialty

Product Name	Product Number	Page Number
Rabkin Tissue Forceps (0.5mm)	2-108E	28
Castroviejo Toothed Forceps (0.5mm)	2-117E	28
Single Piece Epilation Forceps	2-2195E	48
Otaka Lid Plate	6-664	102
Egi-Rabkin Eye Shield, Large	6-667-2	101
Egi-Rabkin Eye Shield, Medium	6-667-3	101
Egi-Rabkin Eye Shield, Small	6-667-4	101
Egi-Miyata Eye Shield, Medium	6-667-6	101

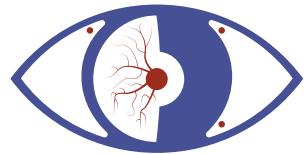
Paediatric Instruments



Product Name	Product Number	Page Number
Jameson Muscle Hook	6-625	102
Barraquer Paediatric Speculum	9-572	128
Barraquer Paediatric Speculum, Angled	9-573	128
Neonatal Speculum	9-574	128
Adjustable Paediatric Speculum, Closed Blade	9-577-3	128
Adjustable Paediatric Speculum, Solid Blade	9-577-4	128

Keeping Surgeons **at the Leading Edge** of Ophthalmology

Vitreoretinal Instruments



Product Name	Product Number	Page Number
Tsukahara Scleral Depressor	6-615	103
Schocket Scleral Depressor	6-635-2	103
Koura Scleral Depressor	6-635-3	103
Doi-Uematsu Intravitreal Injection Guide	9-544	123
Doi-Uematsu Intravitreal Injection Guide	9-544-2	123

Fully Recyclable Packaging

In keeping with our sustained commitment to environmental responsibility, we have started to roll out fully recyclable packaging across our product range.

This offers a significant environmental benefit by reducing waste and minimising the impact on landfills.



Building Towards A Sustainable Future



**Renewable
Energy**



**Reusable
Instruments**



**Recyclable
Packaging**

This endeavour aligns with our company-wide goals to embrace sustainability.

Find out more by visiting: www.duckworth-and-kent.com/sustainability

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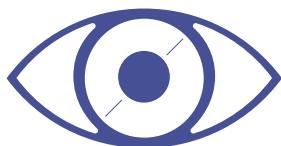


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Titanium Reusable Ophthalmic Instruments



Instruments by Procedure

- DALK
- DMEK
- FLACS
- ICL
- IOL
- LASIK
- LRI
- PK
- SMILE
- STRABISMUS
- TORIC

DALK Instruments

Deep Anterior Lamellar Keratoplasty



Product Name	Product Number	Page Number
Castroviejo Miniature Corneal Scissors, Curved	1-118	18
Anwar Corneal Scissors, Right	1-218	18
Anwar Corneal Scissors, Left	1-219	18
Anwar Keratoplasty Spatula	6-099-3	80
Morlet Lamellar Knife and Dissector	6-607	96
Thornton Radial Marker, 8 Blades	9-732	118

DMEK Instruments

Descemet's Membrane Endothelial Keratoplasty

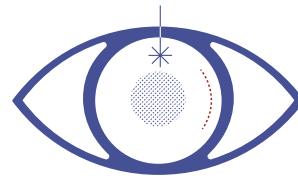


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DMEK Descemet's Stripping Forceps	2-285E	52
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Daya Descemet's Scraper	6-257	87
DMEK 'S' Marker	9-830	119

Best Sellers

FLACS Instruments

Femtosecond Laser-Assisted Cataract Surgery



Product Name	Product Number	Page Number
Femto Flap Lifter and Re-treatment Spatula	6-855	89
Femto Flap Lifter and Re-treatment Spatula	6-855-1	89
RJ Mackool™ Femtosecond Laser Speculum	9-588-1	136
Horn Adjustable Femtosecond Laser Speculum	9-588-2	136

Instruments by Procedure

ICL Instruments

Implantable Contact Lens



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ICL Forceps, Angled	2-896-2	53
ICL Forceps, Angled (gold coloured tip)	2-896-3	53
Deitz ICL Manipulator	6-479	90
Pallikaris ICL Manipulator	6-481	90
Bylsma Double Ended ICL Manipulator	6-482	90

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IOL Instruments

Intraocular Lens

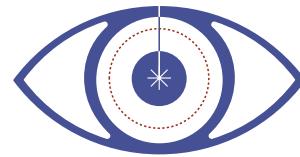


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IOL Folding Forceps	2-774-1E	141
Kuglen IOL Hook	6-400	82
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 Best Sellers

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Laser In-Situ Keratomileusis



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Williams Adjustable LASIK Speculum	9-583	136
Buratto Adjustable Speculum	9-588	136
Lieberman Adjustable Speculum	9-588-3	136
Mackool Adjustable Speculum	9-595	136

LRI Instruments

Limbal Relaxing Incision



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LRI Micrometer Diamond Knife	5-305-1	66
Maloney Keratometer	6-700	96
Mendez Degree Gauge	9-700	120
Wallace-Mendez Degree Gauge	9-705R	120
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Axis Marker, 2 Blades	9-729-1	119

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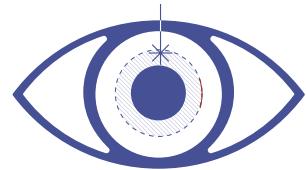
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PK Instruments

Penetrating Keratoplasty

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Thornton Radial Marker, 8 Blades	9-732	118
Thornton Radial Marker, 16 Blades	9-734	118

SMILE Instruments

Small Incision Lenticule Extraction

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SMILE Lenticule Removal Forceps, 23 Gauge	2-837	51
SMILE Double Ended Dissector	6-835	91
SMILE Double Ended Dissector with Spoon Tip	6-836	91
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Best Sellers

Strabismus Instruments

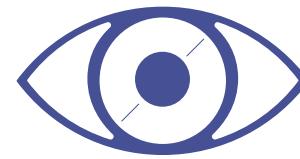
Squint



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Titanium Reusable Ophthalmic Instruments



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