

SURTEX INSTRUMENTS

Crafted to Excellence

Ophthalmic Surgery Instruments ▪ Augenheilkunde Instrumente ▪ Oftalmologia cirugía Instrumentos

Ophtalmique chirurgie Instruments ▪ Oftalmica chirurgia Strumenti

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INTRODUCTION TO THE CATALOGUE

In this catalogue we are pleased to introduce the ophthalmic surgery instruments range available from Surtex Instruments. Following feedback from customers we have prepared this as a standalone catalogue to allow for quick referencing and searching of our products required on a routine basis. The specialist ranges of our instruments are covered in the following additional catalogues available upon request.

- ENT
- Cardiovascular
- Neurosurgery
- Gynaecology and Obstetrics
- Dental Instruments
- Sterilization & Holloware

ABOUT SURTEX INSTRUMENTS

Surtex Instruments is a privately owned medical technology company dedicated to innovation and excellence in crafting of surgical instruments. The company started as a specialist in reconstructive surgery instruments and based on its success and innovative drive gradually expanded to cover a vast range of surgical instruments.

We now manufacture over 8,000 surgical instruments and offer innovative solutions in trauma, gynecology, cardiovascular, microsurgery and dental surgery. All our products are available to view online where you can download our entire range of catalogues or request a printed version.

SURTEX QUALITY STANDARDS

In European Union medical devices are subject to a series of uniform laws and the EC directive places rigid demands on surgical instruments. Surtex Instruments is proud to claim that we have always surpassed the legal requirements to ensure that each instrument reaching the surgeons hand is indeed a testament to surgical craftsmanship.

We are BS EN ISO 13485:2016 (SGS UK) certified and CE approved to ensure compliance with the standards defined in line with medical devices directive 93/42/EEC.



WHY IS SURTEX FOCUSED ON INSTRUMENTS QUALITY?

Surgeons are highly talented and skilled individuals. They operate under significant time constraints and are required to make split second decisions while performing complex operations. At Surtex we understand that in such a scenario the surgeon requires tools that are not just fit for the purpose but are reliable, dependable and crafted by a company that has a track record for relentless pursuit for excellence in the making of surgical instruments.



AFFORDABLE QUALITY

Surgical instruments represent a significant proportion of hospital's total assets. Hospitals and health centers are often required to minimize costs of surgical instruments without impacting quality or patient's health. Decision makers tend to respond via group purchasing contracts & multiple quotes to shop around for the lowest price. However this approach has significant drawbacks as numerous instrument companies have focused towards competing on price alone with a disregard towards instruments quality while claiming their instruments to be guaranteed and free of defect.

The outcome for the buyer being a perceived notion of a quality instrument, which is actually little more than a knock-off and delivers only poor value for money.

At **Surtex Instruments** our success has been based on helping customers navigate successfully through the insrument procurement process by identifying real value for money through fair comparison. We believe that quality should be affordable and you should not pay too much for over priced brands and neither should you pay too much for a low quality instrument.

LIFE TIME WARRANTY

We encourage our customers to calculate lifetime costs prior to making purchase decisions and investing in surgical instruments.

Surtex Instruments are guaranteed for life* against manufacturing defects of material and workmanship. This means we will repair or replace free of charge any surgical instrument that does not meet its functional requirements when used for its intended purpose and maintained properly.

ISO 13485 SYSTEM CERTIFICATION SGS

UKAS MANAGEMENT SYSTEMS 0005

CE

A member of the ABHI
ABHI Health Tech For Life
Association of British HealthTech Industries

*Conditions apply.

OUR PRODUCT BRANDS

Introducing the INFINEX™ line by Surtex Instruments: a new era in surgical precision. Crafted by experts using advanced, computer-controlled techniques, our specialized instruments for cardiovascular, neuro, micro, and plastic surgeries set a new standard in excellence. The INFINEX™ Micro Needle Holders and Forceps are engineered in both stainless steel and titanium, featuring our exclusive Magna™ needle grip. This technology ensures a stable, rotation-free hold, giving surgeons maximum control during suturing and tissue handling. Our unique needleholder twisted boxlock design minimizes the risk of suture snagging.Our microscissors are precision-made from the finest surgical-grade stainless steel. Each pair is meticulously hand-ground to ensure sharp, smooth cuts on the most delicate vascular and tissue structures.The titanium range of our collection is about 50% lighter than traditional stainless steel, significantly reducing surgeon fatigue during lengthy procedures. These instruments are atraumatic, antimagnetic, and as easy to maintain as stainless steel. For quick recognition, all our titanium tools are distinctively anodized in blue.

Introducing the MAGNA™ coated instruments from the prestigious INFINEX Line - the pinnacle of surgical precision and mastery. This advanced coating envelops tips and jaws with an ultra-hard, textured layer of tungsten carbide particles, creating an almost diamond-like finish that enhances grip and durability. MAGNA coated instruments provide definite control without trauma to tissue or damage to needles during delicate cardiovascular, neurological, plastic and microsurgeries, empowering surgeons with uncompromising performance. Experience unparalleled longevity as the MAGNA coating withstands repeated sterilizations. Elevate your surgical outcomes with the exceptional MAGNA coating's unique properties.

SUPEREDGE™ Scissors Discover the cutting-edge precision of Surtex's SUPEREDGE™ scissors, meticulously crafted for the discerning surgeon. With micro-serrated blades that securely grip tissues and prevent slippage, and an ultra-sharp edge for clean, atraumatic cuts, these scissors are designed to enhance surgical performance, reduce procedure time, and minimize tissue trauma. Elevate your surgical efficiency with the premium choice in surgical excellence, easily identified by distinctive black ring handles.

ULTRACUT™ Instruments Experience the high-performance tungsten carbide (TC) inserts of ULTRACUT instruments, providing unmatched longevity and precision. These instruments maintain their sharp edge through extensive use, dramatically reducing the need for frequent sharpening. Perform clean, precise actions with minimal effort, which minimize tissue trauma and accelerate healing. Boasting superior corrosion resistance, ULTRACUT ensures durability even in rigorous sterilization environments, optimizing surgical outcomes and reducing operational costs. Identify these premium tools by their distinctive gold handles.

XTS CUT™ Scissors Experience unmatched precision and durability with XTS CUT scissors from Surtex, the pinnacle of our surgical instrument innovation. By integrating features from our leading SUPEREDGE™ and ULTRACUT™ technologies, these scissors offer the ultimate in surgical precision. The dual-colored handles, one black and one gold, symbolize the fusion of micro-serrated blades for secure tissue grip and tungsten carbide inserts for lasting sharpness. Perfect for surgeons aiming to reduce procedure time and enhance tissue recovery, XTS CUT is your top choice for reliability and performance in demanding surgical environments.

ULTRAGRIP™ Instruments Appreciate ULTRAGRIP's precision, meticulously engineered for surgical excellence. Each jaw insert is crafted from tough, wear-resistant tungsten carbide, providing a precise, sharp, and well-defined point for superior gripping properties. Enhanced by diamond-lapping on the reverse side to a specific thickness, this process ensures a clean, flat surface ideal for precise brazing. Throughout the rigorous stages of production, meticulous care ensures the highest quality, providing surgeons with unmatched reliability and performance. Trust ULTRAGRIP for defining precision in every procedure, easily recognized by its distinctive gold handles.

Introducing the DIAMAX™ line by Surtex Instruments, where precision engineering meets excellence. Our DIAMAX™ knives are crafted with advanced materials and cutting-edge technology. DIAMAX™ feature high-performance components such as exceptionally sharp blades, and minimal pressure requirements, ensuring both precision and reliability. These knives are meticulously designed and finely tuned for the most intricate surgical procedures.

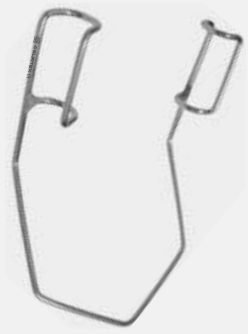
CURRENT REFERENCE STANDARDS FOR SURTEX PRODUCTS

Standard / Regulation	Details of Standard / Regulation	Date of Issue
REGULATION (EU) 2017/745	REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 5 April 2017 on medical devices, amending Directive 2001/83/EC, Regulation (EC) No 178/2002 and Regulation (EC) No 1223/2009 and repealing Council Directives 90/385/EEC and 93/42/EEC	05-05-2017
EN ISO 13485:2016+A11	Medical devices; Quality management systems - Requirements for regulatory purposes	2021-09
EN ISO 14971	Medical devices - Application of risk management to medical devices	2019-12
ISO 7153-1	Surgical instruments - Materials Metals	2016-10
BS EN 10088-1	Stainless steels List of stainless steels	2014-10
ISO 15223-1	Medical devices Symbols to be used with information to be supplied by the manufacturer Part 1: General requirements	2021-07
BS EN ISO 10993-1	Biological evaluation of medical devices Evaluation and testing within a risk management process	2020-12
ISO 10993-5	Biological evaluation of medical devices Part 5: Tests for in vitro cytotoxicity	2009-06
BS EN ISO 10993-10	Biological evaluation of medical devices Tests for skin sensitization	2023-02
BS EN ISO 10993-18:2020+A1	Biological evaluation of medical devices Chemical characterization of medical device materials within a risk management process	2023-07
BS EN ISO 13402	Surgical and dental hand instruments. Determination of resistance against autoclaving, corrosion and thermal exposure	2001-03
ISO 17664-1	Processing of health care products Information to be provided by the medical device manufacturer for the processing of medical devices Part 1: Critical and semi-critical medical devices	2021-07
ISO 17665-1	Sterilization of health care products Moist heat Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices	2006-08
ISO 20417	Medical devices. Information to be supplied by the manufacturer	2021-12
IEC 62366-1	Medical devices - Part 1: Application of usability engineering to medical devices	2015-02
ISO 7151	Surgical instruments Non-cutting, articulated instruments - General requirements and test methods	1988-12
BS EN ISO 9173-1	Dentistry. Extraction forceps General requirements	2016-12
ISO 7741	Instruments for surgery Scissors and shears - General requirements and test methods	1986-02

TABLE OF CONTENTS
(A - Z)

Cannulas	28 - 38
Chisels & Gouges	166
Curettes & Spoons	39 - 40, 72
Fascia Needles, Cautery Balls	9
Fixation Rings	82 - 83
Forceps	123 - 162
Foreign Body Instruments	16 - 17
Haemostats & Bulldog Clamps	163
Hooks	81, 83 - 86, 178
Knives	11 - 24
Lens Loops	64 - 66
Markers	86 - 89
Mallet	179
Micro Manipulators	46 - 48, 60 - 61, 73 - 80
Needle Holders	167 - 176
Probes & Dilators	90 - 92, 179
Punches	26
Retractors, Lid Plates	7 - 10
Rongeurs	165, 179
Rulers & Calipers	90, 177
Scalpel Handles & Blades	93 - 94
Scissors	95 - 122
Sclarel Markers & Depressors	7
Speculums	1 - 5
Sphere Introducers & Enucleation Instruments	71
Storing Cases	181
Towel Clamps	164
Trephines	25, 27
Ophthalmic Surgeries Sets	182-194

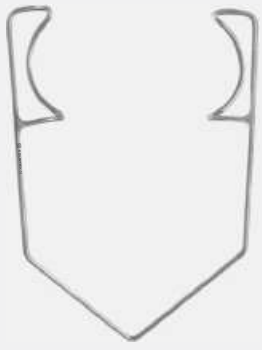
Eye Speculum
Lidsperrer
Blefarostatos
Blépharostats
Blefarostati



Barraquer Wire Speculum

OP-010-10
Pediatric
Wire Ø 0.9 mm
Blade Size 10 mm

OP-010-15
Adult
Wire Ø 0.9 mm
Blade Size 15 mm



OP-012-15
Barraquer Wire Speculum
Heavy Wire Ø 1.0 mm
Blade Size 15 mm



Barraquer Wire Speculum
(Solid Blades)

OP-020-10
Pediatric
Blade Size 10 mm

OP-020-15
Adult
Blade Size 15 mm



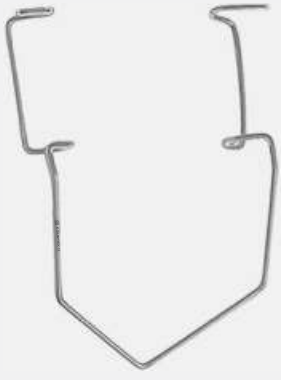
OP-022-20
Feaster Wire Speculum
Solid Blades
Blade Size 20 mm



Kratz-Barraquer Wire Speculum

OP-030-13
With Open Blades, Wire Ø 0.9 mm
Blade Size 13 mm

OP-030-15
With Open Blades, Wire Ø 0.9 mm
Blade Size 15 mm



OP-032-15
Kratz-Barraquer Wire Speculum
With open blades, Wire Ø 1.0 mm
Blade Size 15 mm

Eye Speculum
Lidsperrer
Blefarostatos
Blépharostats
Blefarostati



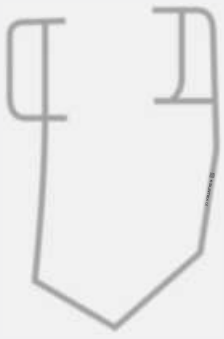
OP-040-10
Frankel Infant Lid Speculum
Adjustable Opening
Blade Size 10 mm



OP-042-00
Alfonso Infant Lid Speculum
With Finger Grip, Wire Ø 0.9 mm
Blade Size 5 mm, 7 mm



OP-046-00
Infant Lid Speculum
Wire Ø 0.9 mm
Blade Size 4 mm



OP-050-09
Barraquer Lid Speculum (Infant)
Wire Ø 0.9 mm
Blade Size 9 mm



Cook Eye Speculum

OP-060-08
Infant
Overall Length 52 mm, Blade Size 8 mm

OP-060-11
Pediatric
Overall Length 55 mm, Blade Size 11 mm

OP-060-15
Adult
Overall Length 55 mm, Blade Size 15 mm

Eye Speculum
Lidsperrer
Blefarostatos
Blépharostats
Blefarostati



Murdoch Eye Speculum

OP-064-12
Overall Length 55 mm
Blade Size 12 mm

OP-064-15
Overall Length 57 mm
Blade Size 15 mm



OP-070-15
Mellinger Eye Speculum
Overall Length 57 mm
Blade Size 15 mm



OP-072-02
Bangerter Eye Speculum
Overall Length 55 mm With Locking Screw
Blade Size 15 mm



Williams Eye Speculum

OP-074-11
Overall Length 69 mm, With Locking Screw
Blade Size 11 mm

OP-074-15
Overall Length 86 mm, With Locking Screw
Blade Size 15 mm

Eye Speculum
Lidsperrer
Blefarostatos
Blépharostats
Blefarostati



OP-076-16
Lancaster Eye Speculum
Overall Length 69 mm, Adjustable Opening
Blade Size 16 mm



OP-078-00
Lester-Burch Eye Speculum
Overall Length 82 mm, Adjustable Opening
Blade Size 21 mm



OP-081-15
Tanna-Lieberman Eye Speculum
Overall Length 86 mm, Adjustable Opening
Blade Size 15 mm



Lieberman Eye Speculum

OP-083-10
Pediatric
Overall Length 73 mm, Adjustable Opening
Blade Size 10 mm

OP-083-15
Adult
Overall Length 86 mm, Adjustable Opening
Blade Size15 mm



OP-083-15 A
Lieberman Eye Speculum
With Aspirating Ports Overall Length 86 mm
Adjustable Opening Blade Size 15 mm



OP-085-15
Lieberman Eye Speculum
Overall Length 86 mm Adjustable Opening
Blade Size 15 mm

Eye Speculum
Lidsperrer
Blefarostatos
Blépharostats
Blefarostati



Lieberman Eye Speculum
(Solid Blades)

OP-087-10
Pediatric
Overall Length 73 mm, Adjustable Opening
Blade Size 10 mm

OP-087-15
Adult
Overall Length 86 mm, Adjustable Opening
Blade Size 15 mm



OP-089-15
Double X-K Wire Eye Speculum
Overall Length 86 mm, Adjustable Opening
Blade Size 15 mm



OP-089-15 A
Double X-K Wire Eye Speculum
With Aspirating Ports Overall Length
86 mm, Adjustable Opening
Blade Size 15 mm



Castroviejo Eye Speculum

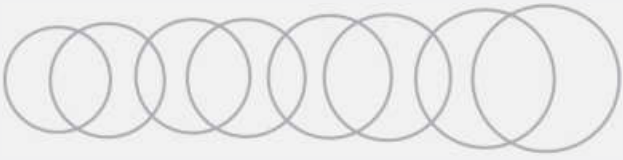
OP-091-14
Overall Length 75 mm
Adjustable Opening, 14 mm

OP-091-16
Overall Length 82 mm
Adjustable Opening, 16 mm



OP-095-04
Saunders Eye Speculum
For Premature Infants Overall Length 35 mm
With Locking Thumb Screw Blade Size 4 mm

Scleral Fixation Ring
Scleral Fixation Ring
Anillo de fijación escleral
Anneau de fixation scléral
Sclerale Fixation Anello



OP-100-00
Flieringa Scleral Fixation Ring
Set of 9 From OP-100-14 up to OP-100-22



OP-100-14
14 mm



OP-100-15
15 mm



OP-100-16
16 mm



OP-100-17
17 mm



OP-100-18
18 mm



OP-100-19
19 mm



OP-100-20
20 mm



OP-100-21
21 mm



OP-100-22
22 mm



McNeill-Goldman Scleral Fixation Ring

Codes	Sizes	Major Ø	Minor Ø	Wire Ø
OP-111-15	Small	15.0 mm	23.0 mm	0.8 mm
OP-111-16	Medium	16.0 mm	23.5 mm	0.8 mm
OP-111-17	Large	17.0 mm	24.0 mm	0.8 mm

Depressors, Eyelid Retractors
Depressors, Augenlid Wundhaken
Depresores, Retractor de párpados
Dépresseurs, Écarteur de paupières
Depressore, Palpebra Divaricatore



OP-151-01
Gass Scleral Marker
1.5 mm Marking Tip



Schepens Scleral Depressor

OP-153-01
Tip Width 7 mm Thimble Ø 15 mm Tapered to Ø 13 mm

OP-153-02
Tip Width 7 mm Thimble Ø 16 mm Tapered to Ø 14 mm

OP-153-03
Tip Width 7 mm Thimble Ø 17 mm Tapered to Ø 15 mm



Teardrop Shaped
Tip of 2.5 mm

Bar Shaped
Tip 6 mm Wide

OP-160-14
Schocket Scleral Depressor
Double End With Clip
Overall Length 14 cm (5 ½")



OP-163-00
Gonnin Amsler Marker
Measuring Range 7 - 23 mm With 1 mm Increments
Overall Length 13 cm (5 ¼")



OP-171-15
Schepens Orbital Retractor
Blade Size 14 x 56 mm With 4.5 mm Wide Notch
Overall Length 15 cm (6")

Eyelid Retractors
Augenlid Wundhaken

Écarteur de paupières
Palpebra Divaricatore



Sauter Orbital Spatula
Overall Length 14 cm (5 ½")

OP-172-01
Blade Size 22 x 13 mm

OP-172-02
Blade Size 22 x 16 mm

OP-172-03
Blade Size 22 x 19 mm



Jaffe Wire Lid Retractor (Pair)

OP-173-13
Blade Width 13 mm

OP-173-15
Blade Width 15 mm



Desmarres Lid Retractor
Overall Length 13 cm (5")



OP-175-11
Thin Solid Blades
Fig. 0, 11 mm



OP-175-13
Thin Solid Blades
Fig. 1, 13 mm



OP-175-15
Thin Solid Blades
Fig. 2, 15 mm



OP-175-17
Thin Solid Blades
Fig. 3, 17 mm





Scleral Shield

OP-180-01
20 x 28 mm, Small (Pair)

OP-180-02
22 x 30 mm, Large (Pair)

Eyelid Retractors
Augenlid Wundhaken
Retractor de párpados
Écarteur de paupières
Palpebra Divaricatore



OP-192-11
Jaeger Lid Plate
20 x 35 / 24 x 35
Overall Length 11 cm (4 ¼")



OP-197-14
Wright Fascia Needle
Oval Hole, 1 x 6 mm
Overall Length 14 cm (5 ½")



OP-199-14
Wills Cautery
With Copper Ball Ø 5.5 mm
Overall Length 14 cm (5 ½")



OP-201-12
Walton Conjunctiva Retractor
Thin Solid Blade, 6 mm
Overall Length 12.5 cm (5")



Helveston Tissue Retractor
Thin Curved Blade
Overall Length 12.5 cm (5")



OP-211-07
"Barbie"
Blade Width 7 mm



OP-211-09
"Big Barbie"
Blade Width 9 mm



OP-211-11
"Great Big Barbie"
Blade Width 11 mm

Eyelid Retractors
Augenlid Wundhaken
Retractor de párpados
Écarteur de paupières
Palpebra Divaricatore



OP-220-00
Stevenson Lacrimal Sac Retractor
3 x 3 Blunt Prongs, Adjustable Opening
Overall Length 85 mm



OP-222-00
Stevenson Lacrimal Sac Retractor
Solid Blades With Serrated Edge Adjustable
Opening Blade Size 13 mm
Overall Length 85 mm



OP-226-00
Agricola Lacrimal Sac Retractor
3 x 3 Semi Sharp Prongs
Overall Length 40 mm

Keratome
Keratome
Queratomos
Kératotomes
Cheratomo



Dastoor Gouge & Lacrimal Sac Dissector
Overall Length 13 cm (5 ¼")

OP-228-01
With Sharp Gouge and Sharp Dissector

OP-228-02
With Sharp Gouge and Blunt Dissector



Bonn Scleral Knife
Rounded Tip
Overall Length 12 cm (4 ¾")

OP-239-40
Angled, 4 mm Wide Tip

OP-239-70
Angled, 7 mm Wide Tip



Jaeger Keratome
Overall Length 13 cm (5")



OP-240-01
Straight, Fig. 1
8.0 mm x 9.5 mm



OP-240-02
Straight, Fig. 2
9.5 mm x 11.0 mm



OP-240-03
Straight, Fig. 3
11.0 mm x 12.5 mm



OP-241-01
Angled, Fig. 1
8.0 mm x 9.5 mm



OP-241-02
Angled, Fig. 2
9.5 mm x 11.0 mm



OP-241-03
Angled, Fig. 3
11.0 mm x 12.5 mm

Corneal Knives
Hornhaut-Messer
Cuchillos corneales
Couteaux cornée
Coltelli corneali



OP-250-11
Tooke Corneal Knife
Straight, Blade Size 3 x 18 mm Smooth Blade
Overall Length 11 cm (4 ¼")



OP-251-01
Fig. 1, Blade Size 5.5 mm x 2.5 mm

OP-251-02
Fig. 2, Blade Size 4.5 mm x 2.0 mm

Kuhnt Corneal Scarifier
Overall Length 11 cm (4 ¼")



OP-253-12
DLEK Corneal Dissector
12 mm Long x 3 mm Wide With Semi-Sharp Spatulated Tip
Overall Length 12 cm (4 ¾")



OP-255-12
DLEK Corneal Dissector
12 mm Long x 3 mm Wide With Semi-Sharp Spatulated Tip
Overall Length 12 cm (4 ¾")

Corneal Knives
Hornhaut-Messer
Cuchillos corneales
Couteaux cornée
Coltelli corneali





OP-256-01
Fig. 1, 1.5 x 25 mm



OP-256-02
Fig. 2, 1.7 x 27 mm



OP-256-03
Fig. 3, 2 x 30 mm



OP-256-04
Fig. 4, 2.3 x 33 mm



OP-256-05
Fig. 5, 2.5 x 35 mm

Graefe Cataract Knife
Straight Blade and With Sharp Cutting Edge
Overall Length 12 cm (4 ¾")



OP-257-05
Fig. 1, 5 mm

OP-257-06
Fig. 2, 6 mm

OP-257-07
Fig. 3, 7 mm

Ziegler Iris Knife
Overall Length 12 cm (4 ¾")





OP-258-12
Straight, Blade Size 2.4 mm
Wide x 4.5 mm Long Blade



OP-259-12
Curved, Blade Size 2.4 mm
Wide x 4.5 mm Long Blade

Walter Cataract Needle
Overall Length 12 cm (4 ¾")

Corneal Knives
Hornhaut-Messer
Cuchillos corneales
Couteaux cornée
Coltelli corneali



OP-260-12
Gills Corneal Knife
Straight, Rounded Cutting Edge Blade Size 3 mm
Overall Length 12.5 cm (5")



OP-261-12
Gills Corneal Knife
Slightly Curved, Rounded Cutting Edge Blade Size 3 mm
Overall Length 12.5 cm (5")



OP-263-12
Paufique Graft Knife
Blade Size 1.6 mm x 1.75 mm Angled Cutting Edge
Overall Length 12 cm (4 ¾")



OP-265-12
Fukasaku Hockey Knife
3 mm Sharp Front Edge 6 mm Semi Sharp Bottom Edge
Overall Length 12 cm (4 ¾")

Corneal Knives
Hornhaut-Messer
Cuchillos corneales
Couteaux cornée
Coltelli corneali



OP-266-11
Barkan Goniotomy Knife
Blade Size 2.5 mm Long Blade
Overall Length 11.5 cm (4 ½")



OP-268-01
Micro Round Viscocanalostomy Knife
1.0 mm Rounded Sharp Cutting Edge
Overall Length 11.5 cm (4 ½")

Gouges and Spuds
Hohlmeißel und meißel
Gubias para Cinceles
Gouges et Ciseaux-burins
Sgorbie e Scalpelli



OP-271-12
Golf Club Foreign Body Spud
Blade Size 2 x 0.8 mm Small Golf Club Shaped Tip With Sharp Edge
Overall Length 12 cm (4 ¾")



OP-273-12
Francis Foreign Body Spud
Blade Size 2 x 0.8 mm Flag Shaped Tip With Sharp Edge
Overall Length 12 cm (4 ¾")

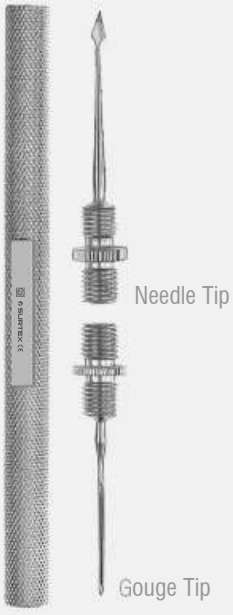


OP-275-11
Ellis Foreign Body Spud
Slightly Curved 1.0 mm Rounded Tip
Overall Length 11 cm (4 ¼")



OP-276-12
Walton Foreign Body Gouge
1.4 mm Rounded Tip
Overall Length 12.5 cm (5")

Gouges and Spuds
Hohlmeißel und meißel
Gubias para Cinceles
Gouges et Ciseaux-burins
Sgorbie e Scalpelli



OP-280-18
Dix Foreign Spud & Gouge
3 X 5 mm Needle Tip On One Side 1.7 X 15 mm
Gouge Tip On Other Side In Reversible Handle
Overall Length 18 cm (7")



OP-283-11
Wills Eye Hospital Foreign Body Spud & Burr
Delicate Curved
Overall Length 11 cm (4 ¼")



OP-285-00
Arruga Micro Burr
1.0 mm Round Burr
Overall Length 12 cm (4 ¾")



OP-291-11
Foreign Body Eye Magnet and Loop
Overall Length 11 cm (4 ¼")

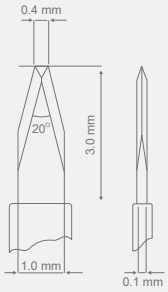
Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti



OP-300-12
6-Facet Blade for Bi-directional Cutting Pre-calibrated Depth Settings of 0.6 mm

LRI Diamond Step Knife
Overall Length 12 cm (4 ¾")

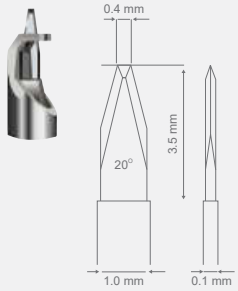




OP-302-12
6-Facet Blade for Bi-directional Cutting Pre-calibrated Depth Settings of 0.5 mm, 0.55 mm and 0.6 mm

LRI Diamond Micrometer Knife
Overall Length 12 cm (4 ¾")





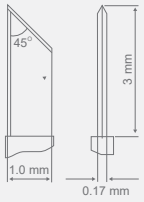
OP-304-12
6-Facet Blade for Bi-directional Cutting 0 to 1.5 mm Blade Extension in 10 Micron Increments

LRI Diamond Micrometer Knife
Overall Length 12 cm (4 ¾")

DIAMAX™

Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti

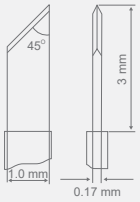




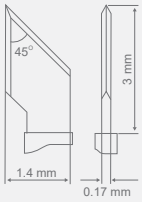
OP-305-11
Double Vertical and 45° Cutting Edge Each Depth Can Be Adjusted Without Steps The Scale is Divided Each Hundredth Millimeter

AK Diamond Knife
Overall Length 11 cm (4 ¼")

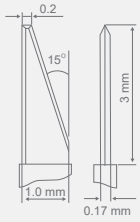




OP-311-01
Single 1 mm Wide 45° Cutting Edge Each Depth Can Be Adjusted Without Steps The Scale is Divided Each Hundredth Millimeter



OP-311-02
Double Vertical and 45° Cutting Edge Each Depth Can Be Adjusted Without Steps The Scale is Divided Each Hundredth Millimeter



OP-311-03
Triple Vertical and 15° Cutting Edge Each Depth Can Be Adjusted Without Steps The Scale is Divided Each Hundredth Millimeter

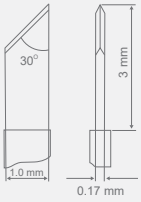
Diamond Micrometer Knife
Overall Length 13 cm (5")

DIAMAX™

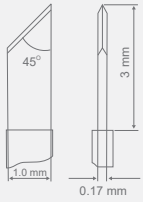
Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti



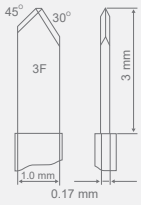
Diamond Knife
Overall Length 12.5 cm (5")



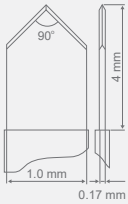
OP-316-01
Single 1 mm Wide
30 Cutting Edge



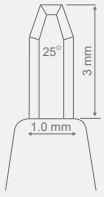
OP-316-02
Single 1 mm Wide
45 Cutting Edge



OP-316-03
Single 1 mm Wide
Tri-Facet Cutting Edge



OP-316-04
1 mm Wide Spear
Shaped Cutting Edge

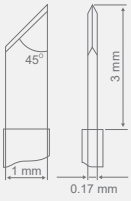


OP-316-05
1 mm Wide
10-Facet Cutting Edge

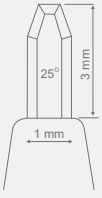
DIAMAX™

Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti



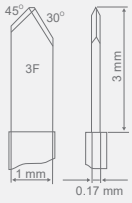


OP-320-01
Single 45° Cutting Edge 1.0 mm Wide
With Adjustable Cutting
Depth of 0 / 0.3 / 0.4 / 0.5 / 0.6 /
0.8 / 1.0 / 2.5 mm



OP-320-03
10-Facet Cutting Edge 1.0 mm Wide
With Adjustable Cutting
Depth of 0.15 / 0.2 / 0.25 / 0.3 /
0.37 / 0.5 / 4.0 mm

Diamond Step Knife
Overall Length 12.5 cm (5")



OP-320-02
Trifacet Cutting Edge 1.0 mm Wide
With Adjustable Cutting
Depth of 0 / 0.3 / 0.4 / 0.5 / 0.6 /
0.8 / 1.0 / 2.5 mm



OP-331-25
Crescent Shaped 9-Edge
Vertical Blade 2.0 mm Wide
Angled

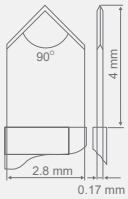


Crescent Diamond Knife
Overall Length 11.5 cm (4 ½")

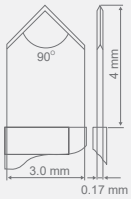
DIAMAX™

Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti

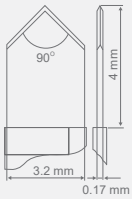




OP-340-28
Straight, 2.8 mm
Spear Shaped Cutting Edge



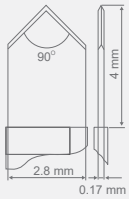
OP-340-30
Straight, 3.0 mm
Spear Shaped Cutting Edge



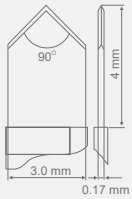
OP-340-32
Straight, 3.2 mm
Spear Shaped Cutting Edge

Diamond Phaco Knife
Straight, Spear Shaped
Overall Length 13 cm (5")

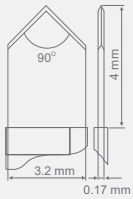




OP-341-28
Angled, 2.8 mm
Spear Shaped Cutting Edge



OP-341-30
Angled, 3.0 mm
Spear Shaped Cutting Edge



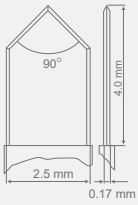
OP-341-32
Angled, 3.2 mm
Spear Shaped Cutting Edge

Diamond Phaco Knife
Angled, Spear Shaped
Overall Length 13 cm (5")

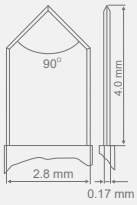
DIAMAX™

Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti

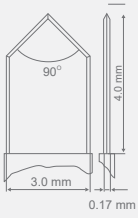




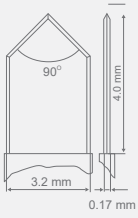
OP-351-25
Angled, 2.5 mm
Spear Shaped 4 - Sided
Cutting Edge



OP-351-28
Angled, 2.8 mm
Spear Shaped 4 - Sided
Cutting Edge



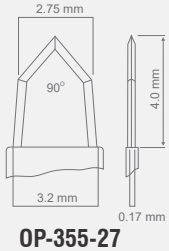
OP-351-30
Angled, 3.0 mm
Spear Shaped 4 - Sided
Cutting Edge



OP-351-32
Angled, 3.2 mm
Spear Shaped 4 - Sided
Cutting Edge

Diamond Phaco Knife
Overall Length 13 cm (5")





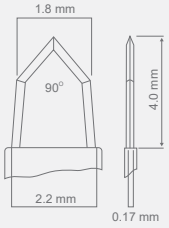
OP-355-27
Angled, 2.75 / 3.2 mm Trapezoid
Shaped 4 - Sided Cutting Edge

Diamond Phaco Knife
Overall Length 12 cm (4 ¾")

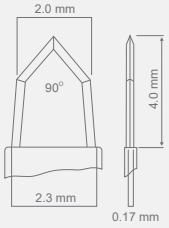
DIAMAX™

Diamond Knives
Diamantmesser
Bisturí de diamante
Couteaux de diamant
Coltelli di diamanti





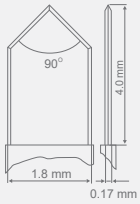
OP-357-18
Angled, 1.8 / 2.2 mm Trapezoid
Shaped 4 - Sided Cutting Edge



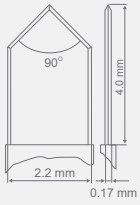
OP-357-20
Angled, 2.0 / 2.3 mm Trapezoid
Shaped 4 - Sided Cutting Edge

MICS Diamond Knife
Overall Length 12 cm (4 ¾")





OP-359-18
Angled, 1.8 mm
Spear Shaped 4 - Sided
Cutting Edge



OP-359-22
Angled, 2.2 mm
Spear Shaped 4 - Sided
Cutting Edge

MICS Diamond Knife
Overall Length 13 cm (5")

DIAMAX™

Trephines
Trephinen
Trépanos
Trépans
Trepani



OP-370-10
Ø 1.0 mm

OP-370-15
Ø 1.5 mm

OP-370-20
Ø 2.0 mm

Elliot Scleral Trephine Blade
Overall Length 3.5 cm (1 ½")



OP-370-90
Elliot Trephine Handle
Overall Length 4.5 cm (1 ¾")



OP-381-08
Ø 8 mm

OP-381-09
Ø 9 mm

OP-381-10
Ø 10 mm

Camellin LASEK Trephine
270° Semi-Sharp Edge 90° Cut Out for Flap Hinge
Overall Length 12 cm (4 ¾")



OP-385-08
Ø 8 mm Trephine and Ø 8.5 mm Well

OP-385-09
Ø 9 mm Trephine and Ø 9.5 mm Well

OP-385-10
Ø 10 mm Trephine and Ø 10.5 mm Well

Camellin LASEK Trephine & Alcohol Retaining Well
Overall Length 12.5 cm (5")

Ophthalmic Punches
Augenheilkunde Stanze
Punzones de oftalmología
Poinçons ophtalmiques
Punzoni oftalmici



OP-391-00
Gass Corneoscleral Punch
With 360° Rotatable Cutting Tip 1.5 mm x 0.75 mm Bite
Overall Length 8.5 cm (3 ½")



OP-395-00
Luntz-Dodick Trabeculectomy Punch
With 360° Rotatable Cutting Tip 1 mm x 0.5 mm Bite
Overall Length 11.5 cm (4 ½")



OP-397-00
Kelly Descemet's Membrane Punch
For Glaucoma 19 Gauge / 1.0 mm 0.9 mm x 0.45 mm Bite
Overall Length 12.5 cm (5")



OP-399-00
Christensen Punctum Punch
For Opening Stenotic Punctum 1.0 mm Wide Tip
Overall Length 10 cm (4")

Trephines
Trephinen
Trépanos
Trépans
Trepani





Corneal Trephine Blade

OP-400-01 Ø 6.0 mm	**OP-400-02** Ø 6.5 mm	**OP-400-03** Ø 6.75 mm	**OP-400-04** Ø 7.0 mm	**OP-400-05** Ø 7.25 mm	**OP-400-06** Ø 7.5 mm	**OP-400-07** Ø 7.75 mm	**OP-400-08** Ø 8.0 mm
OP-400-09 Ø 8.25 mm	**OP-400-10** Ø 8.5 mm	**OP-400-11** Ø 8.75 mm	**OP-400-12** Ø 9.0 mm	**OP-400-13** Ø 9.5 mm	**OP-400-14** Ø 14.0 mm		



Corneal Trephine Handle

OP-401-01 Ø 6.0 mm	**OP-401-02** Ø 6.5 mm	**OP-401-03** Ø 6.75 mm	**OP-401-04** Ø 7.0 mm	**OP-401-05** Ø 7.25 mm	**OP-401-06** Ø 7.5 mm	**OP-401-07** Ø 7.75 mm	**OP-401-08** Ø 8.0 mm
OP-401-09 Ø 8.25 mm	**OP-401-10** Ø 8.5 mm	**OP-401-11** Ø 8.75 mm	**OP-401-12** Ø 9.0 mm	**OP-401-13** Ø 9.5 mm			

Cannulas
Kanülen
Cánulas
Canules
Cannule



Lacrimal Cannula

OP-410-23
Malleable Tip
Straight, 23 G

OP-410-27
Malleable Tip
Straight, 27 G



Lacrimal Cannula

OP-411-23
Malleable Tip
Curved, 23 G

OP-411-27
Malleable Tip
Curved, 27 G



OP-412-23
McIntyre Lacrimal Cannula
Straight, 23 G,
Blunt Tip Dual
0.3 mm Side Ports



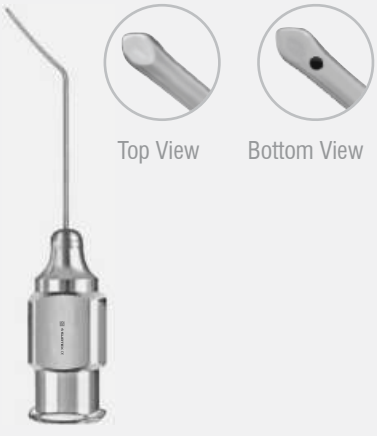
OP-413-23
McIntyre Lacrimal Cannula
Curved, 23 G,
Blunt Tip Dual
0.3 mm Side Ports



OP-415-23
West Lacrimal Cannula
Blunt Tip, 23 G
0.3 mm Side Port



OP-417-27
DALK Air Injection Cannula
Flattened, Vaulted
0.2 mm Posterior Port
Near Tip, 27 G



OP-419-27
Rosenwasser DALK Cannula
Flattened "Cobra Shaped"
Tip 0.2 mm Posterior Port
27 G



Air Injection Cannula



OP-421-27
Angled at
5 mm, 27 G

OP-421-30
Angled at
5 mm, 30 G

OP-423-27
Angled at
7 mm, 27 G

OP-423-30
Angled at
7 mm, 30 G

Cannulas
Kanülen
Cánulas
Canules
Cannule





OP-427-19
19 G



OP-427-21
21 G

Randolph Cyclodialysis Cannula
Flat Tip Angled at 13 mm





OP-429-19
19 G



OP-429-22
22 G

Viscoelastic Aspirating Cannula
Round Tip Angled at 10 mm



OP-433-25
Troutman Olive Tip Cannula
Delicate, 25 G





OP-437-27
27 G



OP-437-30
30 G

Rainin Air Injection Cannula
Flat Tip, Angled at 7 mm

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-439-25
LASEK Alcohol Cannula
Angled at 10 mm
Delicate Olive Shaped Tip, 25 G



OP-441-19
Stevens Sub Tenon's Anesthesia Cannula
Gently Curved, Flat Tip, 19 G



OP-443-23
Atkinson Retrobulbar Needle
Straight, 35 mm Long Sharp Tip 23 G

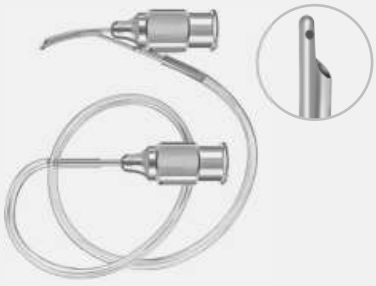


OP-445-23
Corbin Sub Tenon's Anesthesia Cannula
Smooth Rounded Tip With 0.3 mm
Side Port 23 G



OP-447-24
Fukasaku Sub Tenon's Anesthesia Cannula
Gently Curved Smooth Tip, 24 G

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-451-23
Simcoe Irrigating - Aspirating Cannula
15 mm Long With 0.3 mm Aspirating Side Port, 23 G
Aspiration Through Tubing Hub and Irrigation Through Luer-Lock Hub



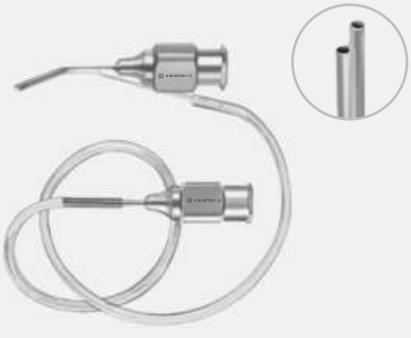
OP-453-23
Simcoe (Reversed) Irrigating - Aspirating Cannula
15 mm Long With 0.3 mm Aspirating Side Port, 23 G
Aspiration Through Luer-Lock Hub and Irrigation Through Tubing Hub



OP-455-23
Simcoe Irrigating - Aspirating Cannula
Curved Right, 23 G
U-Shaped, With 0.3 mm Anterior Aspiration Port
Aspiration Through Tubing Hub and Irrigation Through Luer-Lock Hub



OP-457-23
Simcoe Irrigating - Aspirating Cannula
Curved Left, 23 G
U-Shaped, With 0.3 mm Anterior Aspiration Port
Aspiration Through Tubing Hub and Irrigation Through Luer-Lock Hub



OP-459-23
Gills Irrigating - Aspirating Cannula
23 G, Angled Tip, Front Openings
With 0.5 mm Recessed Irrigating Port



OP-462-22
Kelman Cystotome
23 G, Sharp Cutting Edge With Sharp Point

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-463-22
Kratz Cystotome
22 G, Sharp Cutting Edge With Sharp Point



OP-465-23
McIntyre Cystotome
23 G, Angled at 10 mm, Sharp Point



Jansen Capsule Polisher Cannula

OP-467-23
23 G, Gently Curved Shaft With
Lower Half Diamond Dusted Olive Tip

OP-467-25
25 G, Gently Curved Shaft With
Lower Half Diamond Dusted Olive Tip



OP-471-19
Bishop-Harmon Anterior Chamber Irrigator
23 G, Angled Shaft With Flat Blunt Tip Including Adapter
and Blue Silicone Bulb

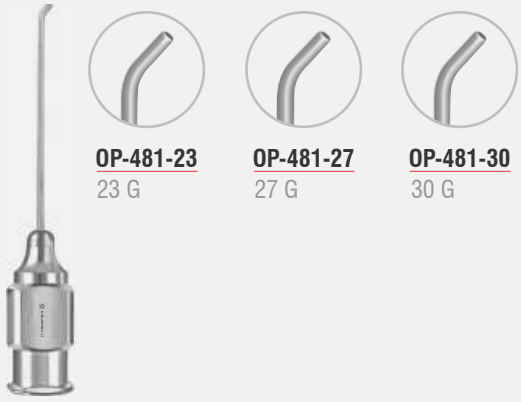


OP-475-25
Hydrodissection Cannula
Angled at 8 mm, Flat Tip, 25 G



OP-477-26
Seeley Hydrodissection Cannula
Angled at 12 mm, Flat Tip, 26 G

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-481-23
23 G

OP-481-27
27 G

OP-481-30
30 G

Knolle Anterior Chamber Irrigation Cannula
Angled at 2 mm With Front Opening Tip



OP-485-27
Sauter Hydrodissection Cannula
Vertically Flattened Tip With Front Opening, 27 G



OP-487-19
Bracken Irrigation Cannula
Smooth Beveled Tip With Front Opening, 19 G



OP-489-23
Irrigation Cannula
Curved Shaft With Blunt Tip and Dual 0.4 mm Side Ports, 23 G



OP-491-23
Alio LASIK Irrigation Cannula
With One Front and Two Side Ports 23 G



OP-493-21
Irrigation Cannula
Curved Shaft With Blunt Tip and Dual 0.5 mm Side Ports, 21 G

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-495-26
Spatulated LASIK Cannula
Flattened Spatula Shaped Tip, 26 G



OP-501-23
Fukasaku LASIK Cannula
Flattened Low Profile Tip With Front Opening, 23 G



OP-503-25
Carter LASIK Cannula
Flattened Low Profile Tip With Front Opening, 25 G



OP-507-25
Banaji LASIK Cannula
6 Irrigating Ports With Bullet Shaped Tip, 25 G

Cannulas
Kanülen
Cánulas
Canules
Cannule





OP-509-23
23 G



OP-509-25
25 G

Buratto LASIK Cannula
Slightly Flattened Tip With One Front and Two Side Ports



OP-511-25
Brierley LASIK Cannula
6 Irrigating Ports With Closed Spatula Shaped Tip, 25 G





OP-516-23
23 G



OP-516-26
26 G



OP-516-30
30 G

McIntyre Anterior Chamber Cannula
Straight, Smooth Blunt Tip With Front Opening





OP-517-23
23 G



OP-517-26
26 G



OP-517-30
30 G

McIntyre Anterior Chamber Cannula
Angled, Smooth Blunt Tip With Front Opening



OP-519-30
Gimbel Cortex Aspirating Cannula
Double Angled With Round Front Opening Tip, 30 G



OP-521-23
Simcoe Cortex Extractor
13 mm Curved Shaft
With 0.3 mm
Side Port, 23 G



OP-523-23
Simcoe Cortex Extractor
21 mm Curved Shaft With 0.4 mm
Side Port, 23 G

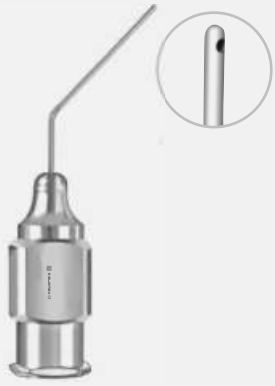


OP-525-21
Simcoe Cortex Extractor
Smooth Closed Tip
21 mm Long
Side Port, 21 G

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-527-23
Charleux Cortex Extractor
Curved Shaft With Beveled Irrigation Port 23 G



OP-527-25
De La O Aspirating Cannula
Angled at 12 mm With 0.3 mm Side Port, 25 G





OP-529-05
5 mm Long Tip



OP-529-07
7 mm Long Tip



OP-529-08
8 mm Long Tip



OP-529-10
10 mm Long Tip

Gills Aspirating Cannula
Angled Shaft With Smooth Blunt Round Tip, 25 G



OP-531-23
Fukasaku Hydro-Chop Cannula
Vertically Flattened Tip, Dual Side Ports, 23 G



OP-532-27
Chang Hydrodissection Cannula
Flat Tip With Beveled Opening, 27 G



OP-533-23
Drews Irrigation Vectis
One Front and Two Backward Opening Ports, 23 G



OP-535-20
Sheets Irrigation Vectis
Three Front Opening Ports, 20 G

Cannulas
Kanülen
Cánulas
Canules
Cannule



OP-537-23
Knolle-Pearce Irrigation Vectis
Three Front Opening Ports, 23 G



OP-539-25
Simcoe Irrigation Lens Nucleus Loop
Finely Serrated Tip With Two Front Opening Ports, Right, 25 G



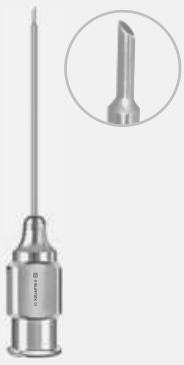
OP-541-25
Simcoe Irrigation Lens Nucleus Loop
Finely Serrated Tip With Two Front Opening Ports, Left, 25 G



Alfonso Nucleus Irrigating Spoon

OP-542-25
2.5 mm Wide Spoon With Single 0.3 mm Front Opening Port

OP-542-40
4.0 mm Wide Spoon With Single 0.3 mm Front Opening Port



OP-543-22
Drof Infusion Cannula
18 Gauge Shaft With 22 Gauge 3 mm Long Tip

Cannulas
Kanülen
Cánulas
Canules
Cannule





OP-545-23
23 G



OP-545-25
25 G

Heslin Infusion Cannula
Texture Tip



OP-547-22
Infusion Cannula
Self Retaining Tip
22 G



OP-549-01 T
Irrigation Handpiece
Titanium
For Bimanual Technique, 21 G, Dual 0.5 mm Side Ports
Overall Length 10.5 cm (4")



OP-549-02 T
Aspiration Handpiece
Titanium
For Bimanual Technique, 21 G, 0.4 mm Side Port
Overall Length 10.5 cm (4")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti





OP-550-00
Fig. 0, Ø 1.5 mm



OP-550-01
Fig. 1 Ø 1.75 mm



OP-550-02
Fig. 2, Ø 2.25 mm



OP-550-03
Fig. 3, Ø 2.5 mm



OP-550-04
Fig. 4, Ø 3.5 mm

Meyerhoefer Chalazion Curette
Overall Length 12.5 cm (5")





OP-552-10
Fig. 0
1 x 1.7 mm



OP-552-15
Fig. 1
1.5 x 2.5 mm



OP-552-20
Fig. 2
2.0 x 3.3 mm



OP-552-25
Fig. 3
2.5 x 4.0 mm



OP-552-30
Fig. 4
3.0 x 5.0 mm



OP-552-35
Fig. 5
3.5 x 5.7 mm

Hebra Chalazion Curette
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-571-12
Nightingale Capsule Polishing Curette
Semi-Sharp Posterior Edge Ø 1.75 mm Open Ring
Overall Length 12.5 cm (5")



OP-573-12
Shepherd Capsule Polishing Curette
Semi-Sharp Anterior & Posterior Edges Ø 1.75 mm Open Ring
Overall Length 12.5 cm (5")



OP-587-13
Blumenthal Conjunctiva Dissector
Ø 2.0 mm Blunt Disc Shaped Tip
Overall Length 13 cm (5")



OP-591-12
Buratto LASIK Flap Protector
12.0 mm Wide Blade
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-594-11
Buratto LASIK Flap Protector
Double Ended With 12.0 mm Wide Blades Angled at 15°
Overall Length 11.5 cm (4 ½")



OP-597-11
Mannis-Buratto LASIK Flap Protector
Double Ended With 12.0 mm Wide Blades Angled at 45°
Overall Length 11.5 cm (4 ½")



OP-599-13
Rowen LASIK Flap Protector/Spatula
12.0 mm Wide Protector Blade and 8.0 mm Long Spatula Blade
Overall Length 13 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-611-12
Sloane LASIK Micro Hoe
2.0 mm Wide Semi-Circular
Tip With Beveled Edges
Overall Length 12 cm (4 ¾")



OP-615-11
Sloane Epi Peeler
1 x 5 mm Spatula Shaped
Semi Sharp Tip Edge
Overall Length 11.5 cm (4 ½")



OP-619-13
Sloane LASIK Micro Hoe & Epi Peeler
2.0 mm Wide Semi-Circular Tip With Beveled Edges
1 x 5 mm Spatula Shaped Semi Sharp Tip Edge
Overall Length 13.5 cm (5 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-623-11
Sloane LASIK Epi-Dissector
7.0 mm Long Spatula Shaped Tip
With Semi-Sharp Edge
Overall Length 11.5 cm (4 ½")



OP-627-12
Sloane LASIK Flap Repositor
Gently Curved Bi-Convex Spatulated Tip
With Beveled Smooth Edge
Overall Length 12 cm (4 ¾")



OP-629-01
DALK Corneal Dissector
12 mm Long Flat Vaulted Spatula
With Beveled Tip
Overall Length 12.5 cm (5")



OP-629-02
Rosenwasser DALK Trisector
10 mm Long Triangular Shaft With Spatula Shaped Tip
Overall Length 12.5 cm (5")



OP-629-03
Bonfadini DALK Spatula
Vaulted 1.0 mm Wide 8 mm Long Blade Spatula
Shaped Blade With Central Groove
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-629-14
Dastoor Pupil and Iris Repositor
Double Ended 1 mm Wide Notched Tip on One Side and Spatula Shaped Tip on Other side
Overall Length 13 cm (5")



OP-630-01
Culler Iris Spatula
Straight 1 mm Wide and 28 mm Long Spatula
Overall Length 13 cm (5")



OP-630-02
Culler Iris Spatula
Straight 2 mm Wide and 28 mm Long Spatula
Overall Length 13 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-632-13
Wheeler Double-End Spatula
Double Ended Slightly Curved Spatula Shaped Blades (2 x 33 mm Blade on One Side and 2 x 24 mm Blade on The Other Side)
Overall Length 13 cm (5")



Barraquer Iris Spatula
Overall Length 12 cm (4 ¾")

OP-635-01
Vaulted 0.25 mm Wide and 15.0 mm Long Blade With Blunt Tip

OP-635-02
Vaulted 0.50 mm Wide and 15.0 mm Long Blade With Blunt Tip



OP-637-12
Gimbel Nucleus Spatula
30º Angled Shaft, 9 mm Long Ø 0.25 mm Round Blade
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-639-12
Escaf Nucleus Manipulator
With 1 mm Wide and 1.4 mm Long Tip
Angled at 45° - 13 mm Long from Bend to Tip Shaft
Overall Length 12 cm (4 ¾")



OP-640-12
Knolle Nucleus Spatula
0.5 mm Wide, Flat Malleable Spatula
Overall Length 12.5 cm (5")



OP-643-01

OP-643-02

Koch Nucleus Spatula
Overall Length 11.5 cm (4 ½")

OP-643-01
Slightly Curved 0.8 mm Wide Duckbill Shaped Tip

OP-643-02
Slightly Curved 0.8 mm Wide Duckbill Shaped Tip With Notches

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-645-11
Akahoshi Nucleus Sustainer
Ø 0.4 mm Ball Shaped Tip 1.8 mm Angled With 10 mm Long Shaft
Overall Length 11.5 cm (4 ½")



OP-647-12
Escaf Nucleus Sustainer
Ø 0.5 mm Ball Shaped Tip With Inferior Textured Surface 1.8 mm Angled With 10 mm Long Shaft
Overall Length 12 cm (4 ¾")





OP-649-01 **OP-649-02**

Lieberman Nucleus Manipulator
Overall Length 12 cm (4 ¾")

OP-649-01
1.5 mm For Right Hand, Tip With 10 mm Long Shaft from Bend to Tip

OP-649-02
1.5 mm For Left Hand, Tip With 10 mm Long Shaft from Bend to Tip

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-651-01 OP-651-02

Lieberman Nucleus Manipulator and Spatula
Overall Length 14 cm (5 ½")

OP-651-01
1.5 mm For Right Hand, Tip With 10 mm Long Shaft from Bend to Tip on One Side and 1 mm Wide Spatula Shaped Tip on Other Side

OP-651-02
1.5 mm For Left Hand, Tip With 10 mm Long Shaft from Bend to Tip on One Side and 1 mm Wide Spatula Shaped Tip on Other Side



Fukasaku-Lieberman Nucleus Manipulator and Hook
Overall Length 13.5 cm (5 ¼")

OP-653-01
For Right Hand Use 3.5 mm Long Micro Finger Chopper on One Side & 1.25 Long Blunt Tip Hook With 0.8 mm Long Wedge Shaped Inferior Edge & Notch on Front Side on Other Side

OP-653-02
For Left Hand Use 3.5 mm Long Micro Finger Chopper on One Side & 1.25 Long Blunt Tip Hook With 0.8 mm Long Wedge Shaped Inferior Edge & Notch on Front Side on Other Side

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-657-13
Masket Phaco Spatula
Combination of Ø 1 mm
Disc Shaped Spatula with Length of 12 mm &
Long Rosen Type Phaco Splitter Tip 0.8mm
Overall Length 13 cm (5")



Chang Phaco Chopper
Overall Length 13 cm (5")

OP-659-01

For Right Hand Use 3.5 mm Long Micro
Finger Chopper on One Side & 0.9 mm
Long Quick Chop Tip on Other Side

OP-659-02

For Left Hand Use 3.5 mm Long Micro Finger
Chopper on One Side & 0.9 mm Long Quick
Chop Tip on Other Side



OP-661-11
Minardi Phaco Chopper
30º Angled Shaft With 0.7 mm Long Quick Chop
Tip Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-663-13
Hwang Phaco Chopper
Double 1 mm Long Vertical Chopper On One Side and 1 mm Wide Blunt Chisel Tipped Spatula On Other Side, Angle to Tip Length of 10 mm on Both Sides
Overall Length 13.5 cm (5 ¼")



OP-665-11
Agarwal Karate Phaco Chopper
0.9 mm Long Tip With 0.6 mm Semi-Sharp Inferior Edge & Pointed Tip Angle to Tip Length of 11 mm
Overall Length 11.5 cm (4 ½")



OP-667-11
Chang Micro Finger Chopper
3.5 mm Long Curved Finger Shaped Tip With Defined Inner Edge for Horizontal Chopping, Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-669-12
Brierley Nucleus Splitter
1 mm Long Splitter With Incision Sealing Shaft Angle Tip Length of 12 mm
Overall Length 12 cm (4 ¾")



OP-670-15 **OP-670-20**

Dodick-Kammann Nucleus Chopper
Overall Length 12 cm (4 ¾")

OP-670-15
Straight Shaft With 1.5 mm Long Chopper Tip For Bimanual Nucleus Division

OP-670-20
Straight Shaft With 2.0 mm Long Chopper Tip For Bimanual Nucleus Division



OP-671-15 **OP-671-20**

Dodick-Kammann Nucleus Chopper
Overall Length 12 cm (4 ¾")

OP-671-15
Angled Shaft With 1.5 mm Long Chopper Tip For Bimanual Nucleus Division, Angle Tip Length of 12 mm

OP-671-20
Angled Shaft With 2.0 mm Long Chopper Tip For Bimanual Nucleus Division, Angle Tip Length of 12 mm

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



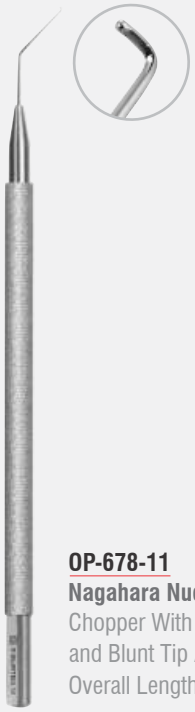
OP-673-12
Escaf Nucleus Divider
1.25 mm Long & 0.5 mm Wide Wedge
Shaped Tip for Vertical Chopping
Overall Length 12 cm (4 ¾")



OP-675-12
Neuhann Nucleus Divider
0.5 mm Wide Strongly Curved
Spatula Shaped Tip
Overall Length 12 cm (4 ¾")



OP-677-11
Nagahara Nucleus Spatula
Inferior Edge on Other Side
Angle to Tip Length of 10 mm
Overall Length 11 cm (4 ¼")



OP-678-11
Nagahara Nucleus Chopper
Chopper With 1.5 mm Long Tip With 0.9 mm Long
and Blunt Tip Angle to Tip Length of 10 mm
Overall Length 11 cm (4 ¼")

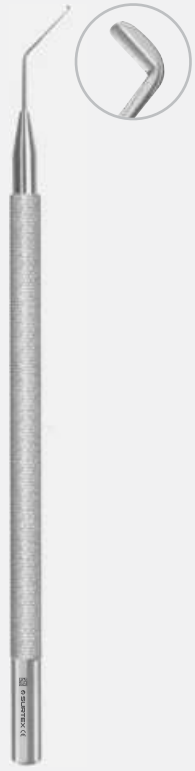


OP-679-11
Fukasaku Snapper Hook
1.25 mm Long Blunt Tip With 0.8 mm Long Wedge Shaped
Inferior Edge Angle to Tip Length of 9 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-681-11
Fukasaku Snapper Hook & Small Pupil
1.25 mm Long Blunt Tip With 0.8 mm Long Wedge Shaped Inferior Edge & Notch on Front Angle to Tip Length of 9 mm
Overall Length 11.5 cm (4 ½")



OP-683-11
Rosen Phaco Splitter
0.8 mm Long Sharp 45º Inferior Cutting Edge Angle to Tip Length of 9 mm
Overall Length 11.5 cm (4 ½")



OP-685-11
Rosen Phaco Splitter
0.8 mm Long Wedge Shaped 60º Inferior Cutting Edge With Blunt Tip Angle to Tip Length of 9 mm
Overall Length 11.5 cm (4 ½")



OP-687-13
Rowen Phaco Spatula
Double Ended With Angled Shafts, 9 mm from Angle Tip For Rosen Chopper on One Side and 7 mm Angle To Tip for Bechert Type Nucleus Rotator on Other Side
Overall Length 13 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-689-01
Bechert Nucleus Rotator
0.78 mm Horizontally Forked Tip With
Angled to Tip Length of 7 mm
Overall Length 11.5 cm (4 ½")



OP-689-02
Jaffe-Bechert Nucleus Rotator
0.78 mm Horizontally Forked Tip With
Angled to Tip Length of 9 mm
Overall Length 11.5 cm (4 ½")



OP-691-11
Clayman Nucleus Rotator
0.5 mm Wide Flat Spatula With V-Notched Tip
Angled to Tip Length of 10 mm
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-693-11
Drysdale Nucleus Manipulator
0.8 mm x 2.4 mm Paddle
Shaped Tip With Angle to Tip
Length of 10 mm
Overall Length 11 cm (4 ¼")



OP-695-11
Pisacano Nucleus Rotator
1 mm Horizontal Flat Disc
Shaped Tip With Angled to
Tip Length of 11 mm
Overall Length 11.5 cm (4 ½")



OP-697-11
Pisacano Nucleus Rotator
1 mm Vertical Flat Disc
Shaped Tip With Angled to
Tip Length of 11 mm
Overall Length 11.5 cm (4 ½")



OP-699-11
Siepser Endocapsular Controller
Ø 0.7 mm Trumpet Shaped
Tip With Angled to
Tip Length of 12 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-700-12
Anis Nucleus Manipulator
Straight Shaft & Curved Tip
With Ø 0.5 mm Ball at Tip
Overall Length 12 cm (4 ¾")



OP-701-12
Anis Nucleus Manipulator
Angled Shaft And Curved Tip
With ∅ 0.5 mm Ball at Tip,
Angle to Tip Length of 10 mm
Overall Length 12 cm (4 ¾")



OP-703-12
Tennant Nucleus Rotator
Ø 0.6 mm Ball Shaped Tip
With Angled to Tip Length
of 10 mm
Overall Length 12 cm (4 ¾")



OP-705-11
Lippman Nucleus Spatula
Ø 0.5 mm Shaft With
Blunt Forked Tip Angle to Tip
Length of 10 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-707-11
Girard Synechia Spatula
Vaulted 0.5 mm Wide Blade
With Semi Sharp Tip
Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")



OP-709-12
Obstbaum Synechia Spatula
0.25 mm Wide Flat Spatula With
Semi Sharp Tip Angled to Tip Length
of 10 mm
Overall Length 12 cm (4 ¾")



OP-711-13
Moran LASIK Enhancement Spatula
Double Ended Fukasaku Spatula On
One Side & Miniature Paton Spatula
on Other Side
Overall Length 13.5 cm (5 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-713-14
Hersh IntraLase Flap Spatula
Double Ended 2 x 6 mm and
2 x 10 mm Spatula With
Beveled Blade Edges
Overall Length 14 cm (5 ¼")



OP-715-13
Binder Flap Separator & Elevator
1 mm Wide Spatula With 0.7 mm Long
Rounded Tip (0.1 mm x 0.3 mm), Angle
to Tip Length of 10 mm
Overall Length 13 cm (5")



OP-717-12
Fukasaku LASIK Spatula
1.2 mm Wide Gently Curved
Spatula With Round Anterior
Edge and Flat Posterior Edge,
Angled to Tip Length of 12 mm
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-719-12
Guimaraes LASIK Spatula
1.2 mm Wide Gently Curved Bi-Convex Spatula With Semi-Sharp Edge
Overall Length 12 cm (4 ¾")



OP-720-13
Katzen LASIK Flap Spatula
Double Ended With 2 mm Wide Bi-Convex Notched Spatula on One Side And Ø 0.2 mm Modified Sinskey Hook on Other Side
Overall Length 13.5 cm (5 ¼")



OP-723-12
Maddox LASIK Spatula
Double Ended Spatula Combines a 2 mm Wide Flat And a Ø 0.25 mm Cylindrical Spatula With 7 mm from Angle to Tip Length On Both Sides
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-725-11
LASIK Flap Manipulator
Delicate Ø 0.3 mm Olive Tip Manipulator
With Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")

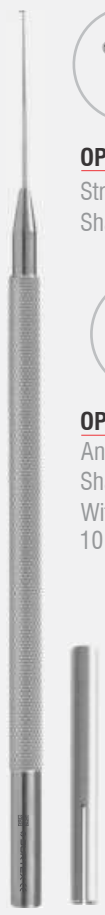


OP-726-11
Hirschmann Lens Spatula
0.6 mm Wide Spatula With 0.2 mm
Notches on Both Sides
Overall Length 11.5 cm (4 ½")



OP-727-12
Jaffe Lens Spatula
0.5 mm Thick Smooth Flat Spatula With Angled
to Tip Length of 10 mm
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti





OP-728-12
Straight Ø 0.25 mm Hourglass
Shaped Tip With 0.5 mm Height



OP-729-12
Angled Ø 0.25 mm Hourglass
Shaped Tip With 0.5 mm Height
With Angled to Tip Length of
10 mm

Lester IOL Manipulator
Overall Length 12 cm (4 ¾")



OP-731-11
Lester IOL Manipulator
Ø 0.25 mm Hourglass Shaped Tip
With 0.5 mm Height With Angled to Tip
Length of 10 mm Vaulted Shanks
Overall Length 11.5 cm (4 ½")



OP-733-12
Hunkeler IOL Manipulator
Ø 0.3 mm Hemi-Ball Shaped Tip With Angle
to Tip Length of 10 mm
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-735-12
Alio-Kelman IOL Hook
Ø 0.2 mm Tip With
0.5 mm Height With Angle
to Tip Length of 10 mm
Overall Length 12 cm (4 ¾")



OP-738-12
Aker Lens Pusher
0.8 mm Smooth, Fish
Mouth Shaped Jaws
Overall Length 12.5 cm (5")



OP-739-11
Bechert Lens Pusher
0.78 mm Vertically Forked
Tip With Angled to Tip
Length of 10 mm
Overall Length 11.5 cm (4 ½")



OP-741-13
Elschnig Cyclodialysis Spatula
Blunt Tip 1 mm Wide Spatula
With Angle To Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-743-13
Castroviejo Synechia Spatula
Double Ended Spatula 0.5 mm Wide With 0.25 mm Thickness of Blades, 10 mm From Angle to Tip on One Side and 15 mm From Angle to Tip on Other Side, Semi Sharp Tips
Overall Length 13 cm (5")



Castroviejo Cyclodialysis Spatula
Overall Length 13 cm (5")

OP-745-25
Double Ended Spatula 0.25 mm Wide With 0.25 mm Thickness 10 mm From Angle to Tip on One Side and 15 mm From Angle to Tip on Other Side, Blunt Tip

OP-745-50
Double Ended Spatula 0.25 mm Wide With 0.5 mm Thickness 10 mm From Angle to Tip on One Side and 15 mm From Angle to Tip on Other Side, Blunt Tip



OP-749-12
Barrett Nucleus Expressor
Curved Shaft With Ø 2 mm Bulbous Tip
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



Lewis Lens Loop
Overall Length 13 (5")

OP-750-01
Smooth 5 mm Wide Curved Loop Shaped Tip

OP-750-02
Smooth 6 mm Wide Curved Loop Shaped Tip



OP-752-13
New Orleans Lens Loop
Smooth 5 mm Wide Slightly Curved
Loop Shaped Tip
Overall Length 13.5 cm (5 ¼")



OP-754-13
Wilder Lens Loop
Serrated 4 mm Wide Curved
Loop Shaped Tip
Overall Length 13.5 cm (5 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-757-15
Kirby Lens Loop and Muscle Hook
Double Ended With 5 mm Wide Loop Shaped Tip on One Side and 12 mm Muscle Hook on Other Side With 2.0 mm Bulbous Tip
Overall Length 15 cm (6")



OP-758-14
Morrison Lens Loop and Probe
Double Ended With 4.5 mm Wide Loop Shaped Tip on One Side and Ø 0.8 mm Olive Tip Probe on Other Side
Overall Length 14.5 cm (5 ¾")



OP-760-13
Kansas Lens Loop
Serrated 3.0 mm Wide Slightly Curved Loop Shaped Tip
Overall Length 13.5 cm (5 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-761-13
Keener-Arlt Lens Loop
Serrated 3.0 mm Wide Curved
Loop Shaped Tip
Overall Length 13.5 cm (5 ¼")



OP-765-10
Alfonso Nucleus Trisector
Oval 1.5 mm Wide Semi Sharp Fenestrated
Blade To Be Used With OP-775-02
Overall Length 10.5 cm (4 ¼")



OP-767-10
Bucher-Kansas Nucleus Trisector
Triangular 2.5 mm Wide Semi Sharp
Fenestrated Blade To Be Used With OP-775-03
Overall Length 10.5 cm (4 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-769-11
Kansas Nucleus Trisector
Triangular 4 mm Wide Semi Sharp Fenestrated
Blade To Be Used With OP-773-12
Overall Length 11 cm (4 ¼")



OP-771-11
Kansas Nucleus Bisector
10 mm Long Semi Sharp Blade Used
With OP-773-12 For Small Manual Incision Surgery
Overall Length 11.5 cm (4 ¼")



OP-773-12
Kansas Nucleus Vectis
3.0 mm Wide Spatula Shaped Blade
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



Alfonso Cutting Platform
Overall Length 12.5 cm (5")

OP-775-02
2.0 mm Wide Blade Used as Cutting Block For Nucleus Bisector and Trisector

OP-775-03
3.0 mm Wide Blade Used as Cutting Block For Nucleus Bisector and Trisector



OP-779-12
Giannetti Nucleus Capture Spoon
Inclined, Arcuate 2.6 mm Wide Spoon
Overall Length 12.5 cm (5")



OP-781-12
Giannetti Nucleus Capture Spatula
2 mm Wide Blunt Tip Arcuate Nucleus Capture Spatula
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-783-12
Giannetti Nucleus Capture Hook
Straight Hook For Nucleus Manipulation
Overall Length 12.5 cm (5")



OP-790-13
Culler Lens Spoon
5 x 9 mm Spoon Shaped Tip
Overall Length 13 cm (5")



OP-793-14
Paton Spatula & Spoon
6 mm Wide and 15 mm Long Grooved Spoon Blade and
2 x 31 mm Spatula Shaped Blade With Last 7 mm Angled Tip
Overall Length 14 cm (5 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-795-04
Rosenwasser Lamella Donor Shovel
9 mm Long and 4 mm Wide Plate With Retaining Rim on Two Sides
Overall Length 11.5 cm (4 ½")



OP-795-05
Rosenwasser Lamella Donor Shovel
9 mm Long and 5 mm Wide Plate With Retaining Rim on Three Sides
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-796-00
Carter Sphere Introducer
With Spring Loaded Plunger To Hold and Introduce Eye Spheres
Overall Length 12.5 cm (5")



OP-798-00
Foster Enucleation Snare
With Ratcheting Wing-Nut Handle
Overall Length 14.5 cm (5.½")



OP-798-90
Twisted Wires For Foster Enucleation Snare
Pack of 12



OP-799-13
Eye Enucleation Forcep
Curved, S Shaped, Longitudinally Serrated
Overall Length 13.5 cm (5 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-800-01
Bunge Evisceration Spoon
Flat and Smooth Ø 10.0 mm Spoon Shaped Blade
Overall Length 14 cm (5 ½")



OP-800-02
Bunge Evisceration Spoon
Flat and Smooth Ø 12.0 mm Spoon Shaped Blade
Overall Length 14 cm (5 ½")



OP-802-15
Wells Enucleation Spoon
21 mm Wide Spoon With 5 x 10 mm Notch
Overall Length 15 cm (6")



OP-803-00
Dastoor Erisophake (Bell)
Overall Length 6 cm (2 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-804-12
Graether Collar Button
Straight, Ø 0.6 mm Collar Button Shaped Micro Iris Retractor
Overall Length 12.5 cm (5")



OP-805-12
Graether Collar Button
Angled, Ø 0.6 mm Collar Button Shaped Micro Iris Retractor With Angle to Tip Length of 10 mm
Overall Length 12.5 cm (5")



OP-811-11
Z Hook Manipulator
Ø 0.2 mm Z Shaped Hook With Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-813-11
Sinskey (Reversed) Lens Manipulating Hook
Ø 0.2 mm Blunt Tip With 0.35 mm Height
With Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")



OP-815-12
Bonn Micro Iris Hook
Curved Hook With Ø 0.15 mm Blunt Tip
Overall Length 12.5 cm (5")



OP-817-12
Shepard Iris Hook
1.0 mm Wide Ø 0.2 mm Blunt Tip
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-819-01
Jaffe Lens Manipulating Hook
Ø 0.15 mm Hook and 0.35 mm Height, Flat Handle
Overall Length 11.5 cm (4 ½")



OP-819-02
Clayman-Jaffe Lens Manipulating Hook
Ø 0.15 mm Hook and 0.35 mm Height With Angle to Tip Length of 10 mm Flat Handle
Overall Length 11.5 cm (4 ½")



OP-821-01
Sinskey Lens Manipulating Hook
Ø 0.25 mm Blunt Tip With 0.35 mm Height, Flat Handle
Overall Length 11.5 cm (4 ½")



OP-821-02
Harris-Sinskey Lens Manipulating Hook
Ø 0.25 mm Blunt Tip With 0.35 mm Height With Angle to Tip Length of 10 mm Flat Handle
Overall Length 11.5 cm (4 ½")



OP-823-12
Lewicky Lens Manipulating Hook
Vaulted Shaft, Ø 0.2 mm Blunt Tip With Angle to Tip Length of 11 mm
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-825-11
Hirschmann Iris Hook
Ø 0.2 mm Blunt Round Tip
Angled to Tip Length of 10 mm
Overall Length 11 cm (4 ¼")



OP-826-01
Sinskey Lens Manipulating Hook
Ø 0.25 mm Blunt Tip With 0.35 mm Height
Overall Length 11 cm (4 ½")



OP-826-02
Sinskey Lens Manipulating Hook
Ø 0.25 mm Blunt Tip With 0.35 mm Height With Angle to Tip Length of 10 mm
Overall Length 11 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-826-03
Sinskey II Lens Manipulating Hook
Ø 0.2 mm Blunt Tip With 0.35 mm Height
Overall Length 11.5 cm (4 ½")



OP-826-04
Sinskey II Lens Manipulating Hook
Ø 0.2 mm Blunt Tip With 0.35 mm Height With Angle to Tip Length of 10 mm
Overall Length 11.5 cm (4 ½")



Kuglen Iris Hook and Lens Manipulator
Overall Length 11.5 cm (4 ½")
Rotator Tip
0.76 mm x 0.75 mm x 0.25 mm



OP-827-01
Straight



OP-827-02
Angled

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-829-01
Kuglen Iris Hook and Lens Manipulator
0.76 mm x 0.75 mm x 0.25 mm Clover Leaf Model Tip
Overall Length 11.5 cm (4 ½")



OP-831-12
Rentsch Boat Hook
Ø 0.2 mm Double Hooks
Overall Length 12 cm (4 ¾")



OP-833-12
Osher Y Hook
0.67 mm Wide Vertical Fork Shaped Tips With Angled to Tip Length of 9 mm
Overall Length 12 cm (4 ¾")

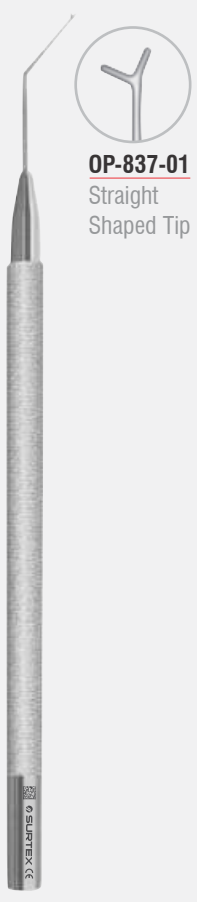
Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-835-01
Fenzl Lens Manipulating Hook
Ø 0.15 mm Hook and
0.5 mm Height
Overall Length 12 cm (4 ¾")



OP-835-02
Fenzl Lens Manipulating Hook
Ø 0.15 mm Hook and
0.5 mm Height With Angle to
Tip Length of 9 mm
Overall Length 12 cm (4 ¾")



Maltzman-Fenzl Lens Manipulating Hook
Overall Length 12 cm (4 ¾")
Ø 0.15 mm Dual Fork

OP-837-01
Straight
Shaped Tip



OP-837-02
Angled
Shaped Tip With Angle
to Tip Length of 9 mm

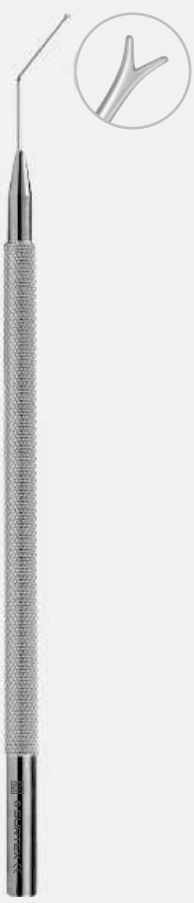
Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-839-02
Jaffe-Maltzman Lens Manipulating Hook
Angled, Ø 0.15 mm Dual Fork
Shaped Tip With Angle to Tip Length of 11 mm
Overall Length 12 cm (4 ¾")



OP-841-01
Giannetti Push Pull Manipulator
Straight
0.76 mm x 0.75 mm x 0.25 mm Tip
Overall Length 12.5 cm (5")



OP-843-02
Deitz ICL Manipulator
0.8 mm Wide Vertical Fork
Shaped Tips, 11 mm Long
From Bend to Tip
Overall Length 12 cm (4 ¾")

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Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-845-01
Fixation Hook
Curved 2 Sharp
Pronged Hook With
1.5 mm Spread
Overall Length 12.5 cm (5”)



OP-845-02
Fixation Hook
Curved 2 Sharp
Pronged Hook With
2.0 mm Spread
Overall Length 12.5 cm (5”)



Twist Hook
0.3 mm Hook
Overall Length 11 cm (4 ¼”)



OP-849-01
Right
(Clockwise)



OP-849-02
Left
(Counter-Clockwise)

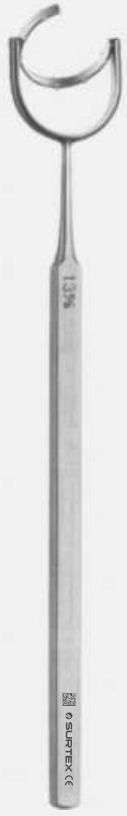


OP-851-09
Silverman Fixation Hook
Blunt Cone Shaped Tips With
3.0 mm Spread
Overall Length 9.5 cm (3 ¾”)

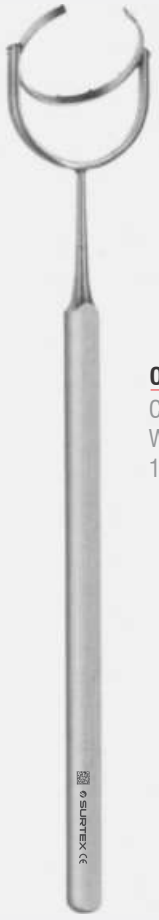
Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



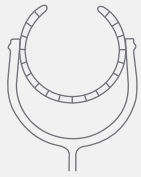
OP-861-11
Lu-Mendez Fixation Ring and Guide
I.D. Ø 11 mm, LRI Guide Marked in 10º Increments and Fixation Ring With 15 Blunt Teeth
Overall Length 11 cm (4 ¼")



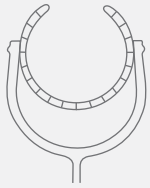
OP-863-11
Gimbel Stabilization Ring
Offset C Shaped Swivel Fixation Ring With Ø 13 mm With 10 mm Opening and 9 Blunt Teeth
Overall Length 11.5 cm (4 ½")



Fine-Thornton Swivel Fixation Ring
Overall Length 12 cm (4 ¾")



OP-865-13
C Shaped Swivel Fixation Ring With Ø 13 mm With 10 mm Opening and 9 Blunt Teeth



OP-865-16
C Shaped Swivel Fixation Ring With Ø 16 mm With 10 mm Opening and 12 Blunt Teeth

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-867-10
Thornton Globe Fixation Ring
Ø 16 mm Globe Fixation Ring
With12 Blunt Teeth
Overall Length 10 cm (4")



OP-869-11
Hofmann-Thornton Globe Fixation Ring
Ø 16 mm Globe Fixation Ring With
Swivel Handle And 12 Blunt Teeth
Overall Length 11 cm (4 ¼")



OP-871-12
Stevens Tenotomy Hook
Curved 6 mm Wide Hook
Overall Length 12.5 cm (5")



OP-872-12
Manson Double Strabismus Hook
Angled 3.0 mm Wide Fork Shaped
Tips With 7.0 mm Spread
Overall Length 12.5 cm (5")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-873-12
Helveston Teaser Hook
Angled 6 mm Wide Blunt Tip Hook
Overall Length 12.5 cm (5")



OP-875-13
Gass Retinal Detachment Hook
Flattened 13 mm Wide Graefe Type Hook With 1.5 mm Oval Eye
13 cm (5")



Helveston Finder Hook
Overall Length 12.5 cm (5")

OP-877-01
Small 8 mm Wide Hook With Extra Delicate Cone Shaped Tip

OP-877-02
Large 12 mm Wide Hook With Extra Delicate Cone Shaped Tip

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-879-01
8 mm Wide

OP-879-02
10 mm Wide

OP-879-03
12 mm Wide

Helveston Muscle Hook
Blunt Spatula Shaped Tip
Overall Length 13 cm (5”)



OP-881-01
Jameson Muscle Hook
Small, 6 mm Wide Hook
With 2 mm Bulbous Tip
Overall Length 13 cm (5”)



OP-881-02
Jameson Muscle Hook
Large, 8 mm Wide Hook
With 2 mm Bulbous Tip
Overall Length 13.5 cm (5 ¼”)

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-883-13
Green Strabismus Hook
Flat 8 mm Wide Hook
Overall Length 13.5 cm (5 ¼")



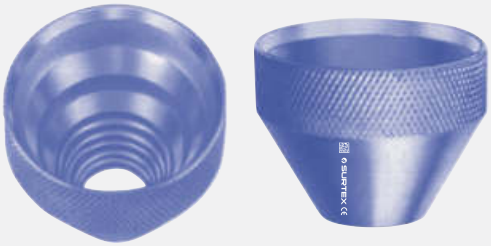
OP-885-13
Chavasse Strabismus Hook
12 mm Wide W Shaped Hook
Overall Length 13 cm (5")



OP-887-11
Chayet Corneal Marker
For LASIK Surgery
Overall Length 11.5 cm (4 ½")



OP-891-11
Kellen Capsulorrhexis Marker
Ø 6 mm Marking Ring
With 2.5 mm Extensions
Overall Length 11.5 cm (4 ½")



OP-900-00
Maloney Intra-Operative Keratometer
For Qualitative Measurement of Astigmatism

TITANIUM

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-901-11
Mendez Degree Gauge
Ø 12.0 mm I.D. and 18.0 mm O.D.
Measures 0-180º With 10º Increments
Overall Length 11.5 cm (4 ½")



OP-905-11
Grene Visual Axis Marker
Ø 0.5 mm With Concave Tip
Overall Length 11.5 cm (4 ½")



OP-907-11
McDonald Optic Zone Marker
Double Ended, With Cross Hairs
Ø 6.5 mm and 7.0 mm
Overall Length 11 cm (4 ½")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-911-01 Ø 3.0 mm	**OP-911-02** Ø 3.25 mm	**OP-911-03** Ø 3.5 mm	**OP-911-04** Ø 3.75 mm	**OP-911-05** Ø 4.0 mm	**OP-911-06** Ø 4.25 mm	**OP-911-07** Ø 4.5 mm	**OP-911-08** Ø 4.75 mm
OP-911-09 Ø 5.0 mm	**OP-911-10** Ø 6.0 mm	**OP-911-11** Ø 7.0 mm	**OP-911-12** Ø 8.0 mm	**OP-911-13** Ø 9.0 mm			

Bores Optic Zone Marker
Without Cross Hairs
Overall Length 10.5 cm (4 ¼")



OP-913-01 Ø 3.0 mm	**OP-913-02** Ø 3.25 mm	**OP-913-03** Ø 3.5 mm	**OP-913-04** Ø 3.75 mm	**OP-913-05** Ø 4.0 mm	**OP-913-06** Ø 4.25 mm	**OP-913-07** Ø 4.5 mm	**OP-913-08** Ø 4.75 mm
OP-913-09 Ø 5.0 mm	**OP-913-10** Ø 5.5 mm	**OP-913-11** Ø 6.0 mm	**OP-913-12** Ø 7.0 mm	**OP-913-13** Ø 8.0 mm	**OP-913-14** Ø 9.0 mm		

Hoffer Optic Zone Marker
With Cross Hairs
Overall Length 10.5 cm (4 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-915-08
With 8 Radial Blades

OP-915-12
With 12 Radial Blades

OP-915-16
With 16 Radial Blades

Anis Radial Marker
Overall Length 10 cm (4")



OP-917-10
Anis Corneal Suture Placement Marker
Ø 8 mm Center Opening and 8 Radial Blades
Overall Length 10 cm (4")

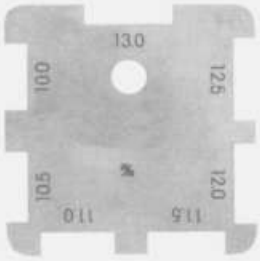


OP-919-09
Fechtner Trabeculectomy Marker
With U-Shaped 2.75mm Marking
Pattern and Side Landmarks
Overall Length 9 cm (3 ½")

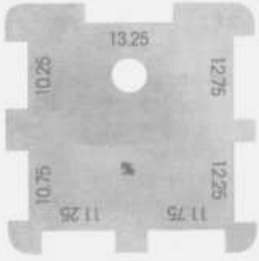


OP-930-12
Helveston Scleral Ruler
Vaulted 15 mm Long Blade
With Notches in 5 mm Increments
Overall Length 12 cm (4 ¾")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-932-01
Stahl Corneal Caliper
Measures 10.0 mm to 13.0 mm
With 0.5 mm Increments



OP-932-02
Stahl Corneal Caliper
Measures 10.25 mm to 13.25 mm
With 0.5 mm Increments



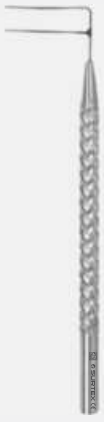
OP-934-30
Braunstein Caliper
Double Ended Fixed Caliper
For 3.0 and 3.5 mm Marking



OP-934-35
Braunstein Caliper
Double Ended Fixed Caliper
For 3.5 and 4.0 mm Marking



OP-935-01
Schioetz Tonometer
Inclined Scale
With 5.5, 7.5 & 10 Grams Weights



OP-941-01
Harms Trabeculotomy Probe
Right, Two 10 mm Long Tips
With 3 mm Spread
Overall Length 5 cm (2")



OP-941-02
Harms Trabeculotomy Probe
Left, Two 10 mm Long Tips
With 3 mm Spread
Overall Length 5 cm (2")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



OP-944-08
Infant Lacrimal Dilator
Ø 0.4 mm Very Fine 21 mm Long Blunt Tip
Overall Length 8 cm (3")



OP-946-10
Muldoon Lacrimal Dilator
Ø 0.35 mm Cylindrical Tip, With 27 mm Long Taper
Overall Length 10 cm (4")



OP-948-01
Wilder Lacrimal Dilator
Fig. 1, Fine, Tapered
Ø 0.32 mm / 32 mm Long Point
Overall Length 10.5 cm (4 ¼")



OP-948-02
Wilder Lacrimal Dilator
Fig. 2, Medium, Tapered
Ø 0.75 mm / 23 mm Long Point
Overall Length 10.5 cm (4 ¼")



OP-948-03
Wilder Lacrimal Dilator
Fig. 3, Heavy, Tapered
Ø 1.1 mm / 19 mm Long Point
Overall Length 10.5 cm (4 ¼")

Ophthalmology Instruments
Ophthalmologie Instrumente
Oftalmología Instrumentos
Ophtalmologie Instruments
Oftalmologia Strumenti



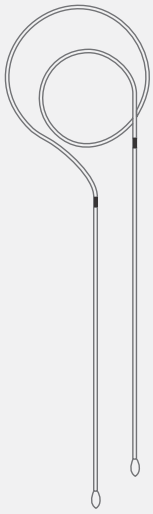
OP-950-14
Castroviejo Lacrimal Dilator
Double Ended, One Fine Tapered (Ø 0.32 mm / 32 mm Long) and One Medium Tapered (Ø 0.75 / 23 mm Long) Points



OP-953-14
Worst Pigtail Probe
Double Ended, 8.0 mm Curved Blunt Probe With Eye Holes
Overall Length 16 cm (6 ¼")



OP-956-14
Crawford Retrieval Hook
Designed to Pick The Crawford Probe
Overall Length 14.5 cm (5 ¾")



OP-960-00
Crawford Lacrimal Intubation Set
Including Silicone Tube and Two Olive Tip Probes Ø 0.6 mm
Probes Length 11 cm (4¼") Tube Length 30.5 cm (12")

Scalpel Handles, Scalpel Blades
Skalpellgriffe, Skalpellklingen
Mangos de bisturíes, Hojas de bisturíes
Manches pour bistouris, Lames pour bistouris
Manici per bisturi, Lame per bisturi



SL-010-03
Scalpel Handle # 3
Solid
Overall Length 12 cm (4 ¾")



SL-012-03
Scalpel Handle # 3
Solid, CM Graduation
Overall Length 12 cm (4 ¾")



SL-100-11
Scalpel Blade # 11
Pack of 100
Fig. 11



SL-100-15
Scalpel Blade # 15
Pack of 100
Fig. 15



Beaver Scalpel Handle
For Micro Scalpel Blades

SL-206-10
10 cm (4")

SL-206-13
13 cm (5")

SL-206-15
15 cm (6")



SL-210-61
Fig. 61



SL-210-62
Fig. 62



SL-210-63
Fig. 63



SL-210-64
Fig. 64



SL-210-65
Fig. 65



SL-210-66
Fig. 66



SL-210-67
Fig. 67



SL-210-68
Fig. 68



SL-210-69
Fig. 69

Micro Scalpel Blades
Pack of 25

Blade Holders / Blade Breakers
Klingenhalter / Kingenbrecher
Porta-hojas / Rompe-hojas de afeitar
Pincettes pour saisir et casser les lames de rasoir
Pinze per afferrare e rompere le lamette de rasoio





SL-900-09
Straight



SL-901-09
Angled

Troutman-Chris Blade Holder/Breaker
Round Handle
Overall Length 9 cm (3 ½")



SL-910-11
Barraquer Blade Holder/Breaker
Overall Length 11 cm (4 ¼")

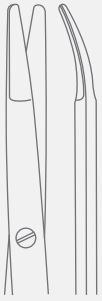


SL-916-13
Castroviejo Blade Holder/Breaker
Round Handle
Overall Length 13 cm (5")

Dissecting Scissors, Gum Scissors, Iris Scissors
Präparierscheren, Zahnfleischscheren, Irisscheren
Tijeras de disección, Tijeras para encías, Tijeras para iridectomía
Ciseaux à dissection, Ciseaux à gencives, Ciseaux à iridectomie
Forbici per dissezione, Forbici per gengi, Forbici per iridectomia



SS-243-12
12 cm (4 ¾")



SS-243-15
15 cm (6")

Ragnell (Kilner) Dissecting Scissor





SS-400-13
Straight



SS-401-13
Curved

Goldman-Fox Gum Scissor
Overall Length 13 cm (5")





SS-400-13 SC
Straight



SS-401-13 SC
Curved

SUPEREdge™

SuperEdge™ Goldman-Fox Gum Scissor
One Toothed Cutting Edge
Overall Length 13 cm (5")



Iris Scissor



SS-430-09
Straight
9 cm (3 ½")



SS-430-10
Straight
10 cm (4")



SS-431-09
Curved
9 cm (3 ½")



SS-431-10
Curved
10 cm (4")

Iris Scissors
Irisscheren
Tijeras para iridectomía
Ciseaux à iridectomie
Forbici per iridectomia



SS-434-09
Straight



SS-435-09
Curved

Bonn Iris Scissor
Overall Length 9 cm (3 ½")



SS-440-11
Straight



SS-441-11
Curved

Iris Scissor
Overall Length 11.5 cm (4 ½")



SS-440-11 SC
Straight

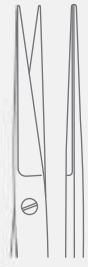


SS-441-11 SC
Curved

SUPEREdge™

SuperEdge™ Iris Scissor
Overall Length 11.5 cm (4 ½")





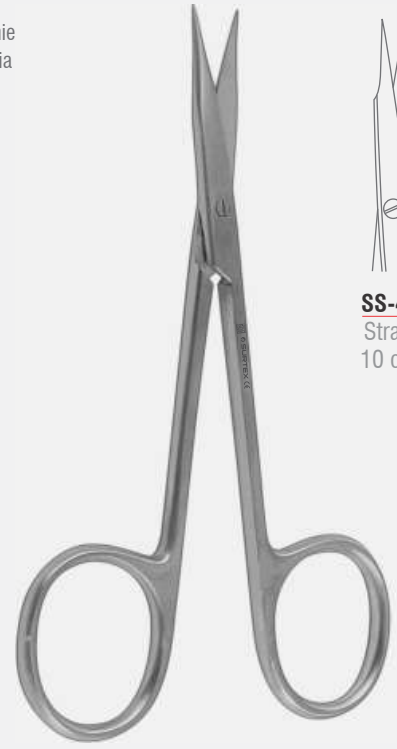
SS-446-12
Straight



SS-447-12
Curved

Iris Scissor
Overall Length 12.5 cm (5")

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



Stevens Tenotomy Scissor
Sharp/Sharp



SS-450-10
Straight
10 cm (4")



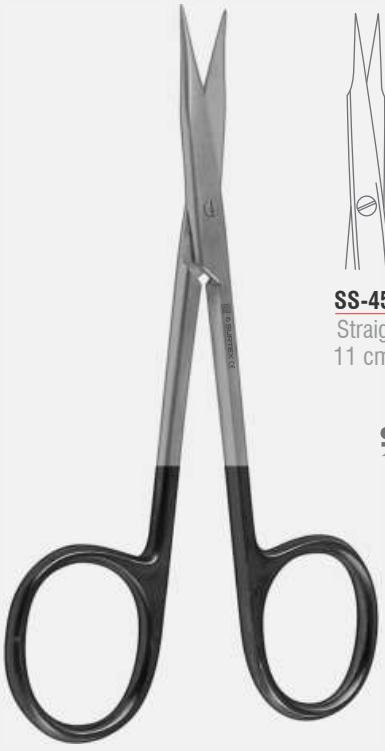
SS-450-11
Straight
11 cm (4 ½")



SS-451-10
Curved
10 cm (4")



SS-451-11
Curved
11 cm (4 ½")



SuperEdge™ Stevens Tenotomy Scissor
Sharp/Sharp



SS-450-11 SC
Straight
11 cm (4 ½")



SS-451-11 SC
Curved
11 cm (4 ½")

SUPEREdge™

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



Stevens Tenotomy Scissor
Blunt/Blunt



SS-452-10
Straight
10 cm (4")



SS-452-11
Straight
11 cm (4 ½")



SS-452-12
Straight
12.5 cm (5")



SS-453-10
Curved
10 cm (4")



SS-453-11
Curved
11 cm (4 ½")



SS-453-12
Curved
12.5 cm (5")



SuperEdge™ Stevens Tenotomy Scissor
Blunt/Blunt
Overall Length 11 cm (4 ½")



SS-452-11 SC
Straight



SS-453-11 SC
Curved

SUPEREdge™

Strabismus Scissors
Strabismusscheren
Tijeras para estrabismo
Ciseaux à strabisme
Forbici per strabismo

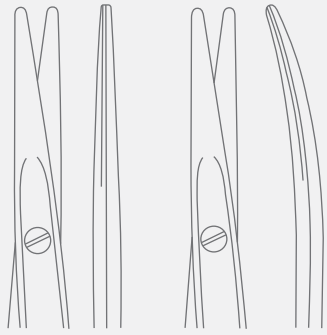


SS-456-11
Straight

SS-457-11
Curved

Strabismus Scissor
Overall Length 11.5 cm (4 ½")





SS-456-11 SC
Straight

SS-457-11 SC
Curved

SuperEdge™ Strabismus Scissor
Overall Length 11.5 cm (4 ½")

SUPEREdge™

Dissecting Scissors
Präparierscheren
Tijeras de disección
Ciseaux à dissection
Forbici per dissezione



SS-461-11
Littler Dissecting Scissor
Curved, Tip With Eye For Suture
Overall Length 11.5 cm (4 ½")



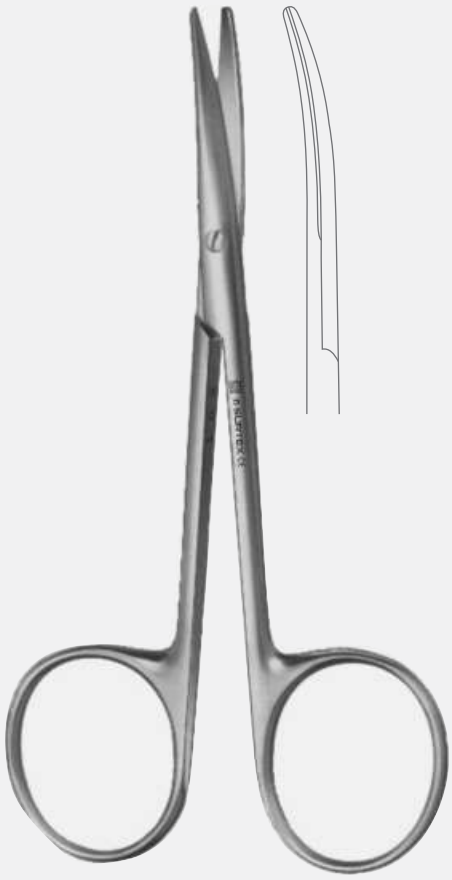
SS-466-11
Straight



SS-467-11
Curved

Kilner Delicate Dissecting Scissor
Overall Length 11.5 cm (4 ½")

Enucleation Scissors
Enukleationsschere
Tijeras de enucleación
Ciseaux d'énucléation
Forbici per enucleazione



SS-469-11
Enuleation Scissor
Curved
Overall Length 11.5 cm (4 ½")

Ribbon Ophthalmic Scissors
Band-Augenschere
Tijera oftálmica de cinta
Ciseaux ophtalmiques à ruban
Forbici oftalmica a nastro



SS-484-09
Salyer Ribbon Scissor
Straight, Flat Shanks
Overall Length 9.5 cm (3 ¾")



Iris Scissor (Ribbon Type)
Overall Length 9.5 cm (3 ¾")

SS-486-09
Straight, Sharp, Flat Shanks

SS-487-09
Curved, Sharp, Flat Shanks



Iris Scissor (Ribbon Type)
Overall Length 10 cm (4")

SS-488-10
Straight, Blunt, Flat Shanks

SS-489-10
Curved, Blunt, Flat Shanks



Strabismus Scissor (Ribbon Type)
Overall Length 10 cm (4")

SS-492-10
Straight, Flat Shanks

SS-493-10
Curved, Flat Shanks

Ribbon Ophthalmic Scissors
Band-Augenschere
Tijera oftálmica de cinta
Ciseaux ophtalmiques à ruban
Forbici oftalmica a nastro



Stevens Tenotomy Scissor (Ribbon Type)
Overall Length 10 cm (4")

SS-496-10
Straight, Flat Shanks, Sharp Tips

SS-497-10
Curved, Flat Shanks, Sharp Tips

SS-498-10
Straight, Flat Shanks, Blunt Tips

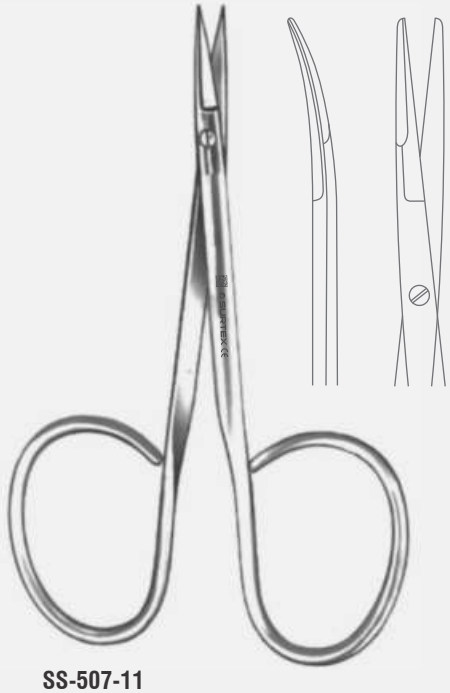
SS-499-10
Curved, Flat Shanks, Blunt Tips



Gradle Scissor (Ribbon Type)
Overall Length 10 cm (4")

SS-500-10
Straight, Flat Shanks

SS-501-10
Curved, Flat Shanks



SS-507-11
Kaye Facelift Scissor (Ribbon Type)
Curved, Flat Shanks, Toothed
Overall Length 11 cm (4 ½")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



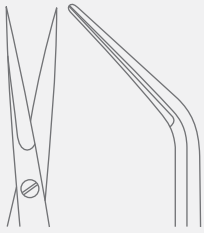
SS-626-01
Williamson-Noble Micro Scissor
Straight, Sharp/Sharp 27 mm Long Blades With
Max. 14 mm Cutting Edge
Overall Length 11.5 cm (4 ¾")



Noyes Iris Scissor
Sharp/Sharp, 23 mm Long Blades
With Max. 14 mm Cutting Edge
Overall Length 12.5 cm (5")



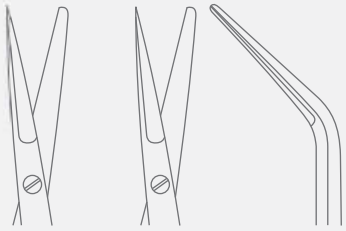
SS-630-12
Straight



SS-631-12
Curved

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



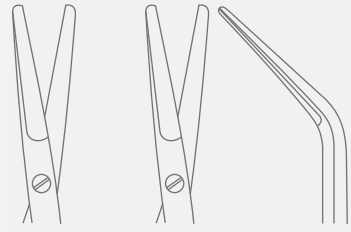


SS-632-12
Straight

SS-633-12
Curved

Noyes Iris Scissor
Sharp/Blunt
23 mm Long Blades With Max. 14 mm Cutting Edge
Overall Length 12.5 cm (5")





SS-634-12
Straight

SS-635-12
Curved

Noyes Iris Scissor
Blunt/Blunt
23 mm Long Blades With Max. 14 mm Cutting Edge
Overall Length 12.5 cm (5")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici





SS-636-12
Straight

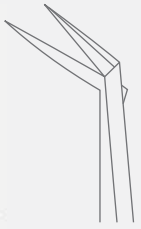


SS-637-12
Curved

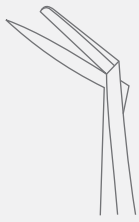
Micro Scissor
13 mm Long Blades
With Max. 10 mm Cutting Edge
Overall Length 12 cm (4 ¾")

Iris Scissor
Iris-Schere
tijera iris
Ciseaux à iris
Forbice dell'iride

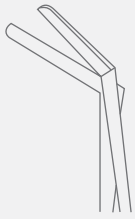




SS-641-11
Angled
Sharp/Sharp



SS-643-11
Angled
Sharp/Blunt



SS-645-11
Angled
Blunt/Blunt

Wecker Iris Scissor
8 mm Long Blades With Max. 5 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-647-05
Angled, 5 mm

SS-647-07
Angled, 7 mm

SS-647-10
Angled, 10 mm

Barraquer Iris Scissor
9 mm Long Blades Max. 6 mm Cutting Edge
Overall Length 5.5 cm (2 ¼")

Corneoscleral Scissors
Hornhautschere
Tijera corneoescleral
Ciseaux cornéoscléraux
Forbici corneosclerali







SS-649-01
Curved Right

SS-649-02
Curved Left

Holland DALK Scissor
Blunt Tips With Spatulated Inner Blade
8 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 10.5 cm (4")



Castroviejo Corneoscleral Scissor
8 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 10.5 cm (4")

SS-651-01
Curved Right

SS-651-02
Curved Left







SS-653-01
Curved Right

SS-653-02
Curved Left

Castroviejo Corneoscleral Scissor
12 mm Long Blades With
Max. 7 mm Cutting Edge
Overall Length 11 cm (4 ½")

Corneoscleral Scissors
Hornhautschere
Tijera corneoescleral
Ciseaux cornéoscléraux
Forbici corneosclerali



Troutman-Castroviejo Corneoscleral Scissor
With Lock
8 mm Long Blades With Max. 4 mm Cutting Edge
Overall Length 10.5 cm (4")

SS-655-01
Curved Right

SS-655-02
Curved Left



Troutman-Castroviejo Corneoscleral Scissor
With Lock
12 mm Long Blades With Max. 7 mm Cutting Edge
Overall Length 11 cm (4 ½")

SS-657-01
Curved Right

SS-657-02
Curved Left

Corneal Transplant Scissors
Hornhauttransplantationsschere
Tijera para trasplante de córnea
Ciseaux de transplantation cornéenne
Forbici per trapianto di cornea



Troutman-Katzin Corneal Transplant Scissor
Strongly Curved, With Lock
8 mm Long Blades With Max. 4 mm Cutting Edge
Overall Length 10.5 cm (4")

SS-659-01
Curved Right

SS-659-02
Curved Left



Katzin Corneal Transplant Scissor
Strongly Curved, With lock
13 mm Long Blades With Max. 7 mm Cutting Edge
Overall Length 11 cm (4 ½")

SS-661-01
Curved Right

SS-661-02
Curved Left

Universal Corneal Scissors
Universelle Hornhautschere
Tijera Corneal Universal
Ciseaux cornéens universels
Forbici corneali universali



Castroviejo Universal Corneal Scissor
Curved, Blunt Tips
Overall Length 11 cm (4 ½")

SS-663-11
10 mm Long Blades With
Max. 5 mm Cutting Edge

SS-665-11
12 mm Long Blades With
Max. 6 mm Cutting Edge

SS-667-11
14 mm Long Blades With
Max. 8 mm Cutting Edge



SS-669-11
Castroviejo Universal Corneal Scissor
Strongly Curved, Blunt Tips 15 mm Long Blades With
Max. 9 mm Cutting Edge
Overall Length 11.5 cm (4 ½")

Keratoplasty Scissors
Keratoplastik-Schere
Tijera Queratoplastia
Ciseaux de kératoplastie
Forbici per cheratoplastica



SS-671-11
Castroviejo Keratoplasty Scissor
Angled to Side, Blunt Tips
14 mm Long Blades With
Max. 9 mm Cutting Edge
Overall Length 11.5 cm (4 ½")



SS-673-11
McPherson-Westcott Conjunctival Scissor
Curved, Blunt Tips
10 mm Long Blades With
Max. 5 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-675-11
Westcott Tenotomy Scissor
Curved, Blunt Tips
14 mm Long Blades With
Max. 8 mm Cutting Edge
Overall Length 11 cm (4 ½")

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



Westcott Tenotomy Scissor
Blunt Tips
20 mm Long Blades With
Max. 10 mm Cutting Edge
Overall Length 11.5 cm (4 ½")

SS-677-01
Curved Right

SS-677-02
Curved Left



SS-679-11
Tibolt Punctal Scissor
One Conically Shaped Blade With
Micro Grooves & Textured Surface
15 mm Long Blades With
Max. 8 mm Cutting Edge
Overall Length 11.5 cm (4 ½")



SS-681-11
McPherson-Westcott Stitch Scissor
Curved, Very Sharp Pointed Tips, Small Blades
10 mm Long Blades With
Max. 5 mm Cutting Edge
Overall Length 11 cm (4 ½")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



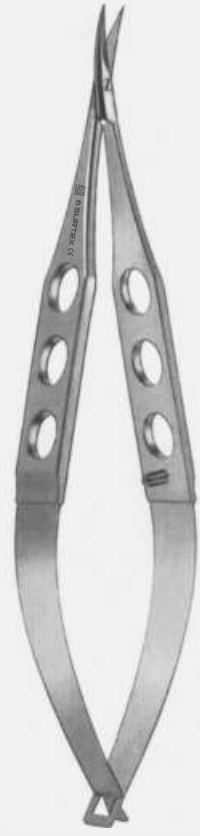
SS-683-11
Westcott Stitch Scissor
Curved, Very Sharp Pointed Tips
20 mm Long Blades With
Max. 10 mm Cutting Edge
Overall Length 11.5 cm (4 ½")



SS-685-11
Jaffe Stitch Scissor
Curved, Very Sharp Pointed Tips
13 mm Long Blades With
Max. 7 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-688-11
Iris Micro Scissor
Straight, Sharp Tips
10 mm Long Blades With
Max. 5 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-689-11
Iris Micro Scissor
Curved, Sharp Tips
10 mm Long Blades With
Max. 5 mm Cutting Edge
Overall Length 11 cm (4 ½")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



SS-690-11
Fine Micro Scissor
Straight, Sharp Tips
17 mm Long Blades With
Max. 9 mm Cutting Edge
Overall Length 11.5 cm (4 ½")



SS-691-11
Fine Stitch Scissor
Curved, Sharp Tips
17 mm Long Blades With
Max. 9 mm Cutting Edge
Overall Length 11.5 cm (4 ½")



SS-694-08
Vannas Capsulotomy Scissor
Straight, Sharp Tips
5 mm Long Blades With
Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-695-08
Vannas Capsulotomy Scissor
Curved, Sharp Tips
5 mm Long Blades With
Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")

Capsulotomy Scissors
Kapsulotomie-Schere
Tijera de capsulotomía
Ciseaux de capsulotomie
Forbici per capsulotomia



SS-696-08
Vannas Capsulotomy Scissor
Angled Forward, Sharp Tips 5 mm Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-697-08
Vannas Capsulotomy Scissor
Angled to Side, Sharp Tips 5 mm Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-698-08
Gills-Vannas Capsulotomy Scissor
Straight, Sharp Tips 7 mm Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-699-08
Gills-Vannas Capsulotomy Scissor
Curved, Sharp Tips 7 mm Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")

Capsulotomy Scissors
Kapsulotomie-Schere
Tijera de capsulotomía
Ciseaux de capsulotomie
Forbici per capsulotomia



SS-701-08
Gills-Vannas Capsulotomy Scissor
Angled Forward, Sharp Tips 7 mm
Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-703-08
McPherson-Vannas Iris Scissor
Curved, Sharp Tips 8 mm
Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")



SS-705-08
Holland DALK Scissor
Angled Blades With Blunt Tips
5 mm Long Blades With Max. 3 mm Cutting Edge
Overall Length 8 cm (3 ¼")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



SS-706-10
Gills-Vannas Micro Scissor
Straight, Extra Thin Blades
Sharp Tips
7 mm Long Blades With
Max. 3 mm Cutting Edge
Overall Length 10.5 cm (4")



SS-707-10
Gills-Vannas Micro Scissor
Curved, Extra Thin Blades
Sharp Tips
7 mm Long Blades With
Max. 3 mm Cutting Edge
Overall Length 10.5 cm (4")



SS-709-10
Gills-Vannas Micro Scissor
Angled Forward, Extra Thin Blades
Sharp Tips
7 mm Long Blades With
Max. 3 mm Cutting Edge
Overall Length 10.5 cm (4")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici



SS-710-11
Stern-Gills Micro Scissor
Straight, Extra Thin Blades
Sharp Tips
10 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-711-11
Stern-Gills Micro Scissor
Curved, Extra Thin Blades
Sharp Tips
10 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-713-11
Stern-Gills Micro Scissor
Angled Forward, Extra Thin
Blades Sharp Tips
10 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 11 cm (4 ½")



SS-715-11
Gills Capsulotomy Scissor
Angled Blades With Curved Sharp
Tips 10 mm Long Blades With
Max. 4 mm Cutting Edge
Overall Length 10.5 cm (4")

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici





SS-720-20
Straight
Horizontal Opening
20 G

SS-720-23
Straight
Horizontal Opening
23 G



SS-721-45
Angled 45°
Horizontal Opening
20 G



SS-723-80
Angled 80°
Vertical Opening
20 G



SS-721-20
Curved
Horizontal Opening
20 G

SS-721-23
Curved
Horizontal Opening
23 G



SS-723-23
Straight, 23 G
Vertical Opening



SS-721-30
Angled 30°
Horizontal Opening
20 G



SS-723-60
Angled 60°
Vertical Opening
20 G

Vitrectomy Scissor
Overall Length 14 cm (5 ½")



SS-725-23
Alio MICS Vitrectomy Scissor
Straight Horizontal Opening
With Curved Shaft 23 G

Micro Scissors
Mikroscheren
Micro-Tijeras
Micro-Ciseaux
Micro-Forbici

infinex™



SS-726-12 M
Vannas Micro Scissor
Straight
Overall Length 12 cm (4 ¾")



SS-727-12 M
Vannas Micro Scissor
Curved
Overall Length 12 cm (4 ¾")



SS-729-12 M
Vannas Micro Scissor
Angled on Flat
Overall Length 12 cm (4 ¾")

Tenotomy Scissors
Tenotomieschere
Tijera de tenotomía
Ciseaux de ténotomie
Forbici per tenotomia



SS-972-10
Straight
Blunt/Blunt
10.5 cm (4 ¼")



SS-972-11
Straight
Blunt/Blunt
11.5 cm (4 ½")



SS-973-10
Curved
Blunt/Blunt
10.5 cm (4 ¼")



SS-973-11
Curved
Blunt/Blunt
11.5 cm (4 ½")

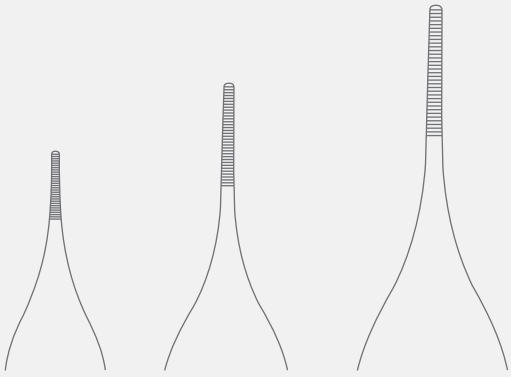
UltraCut™ TC Stevens Tenotomy Scissor

ULTRA Cut™

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione



Adson Dressing Forcep



FR-050-12
12 cm (4 ¾")

FR-050-15
15 cm (6")

FR-050-18
18 cm (7")

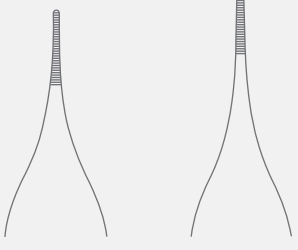


FR-052-12
Mini Adson Dressing Forcep
Cross Serrated Tips
Overall Length 12 cm (4 ¾")

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione

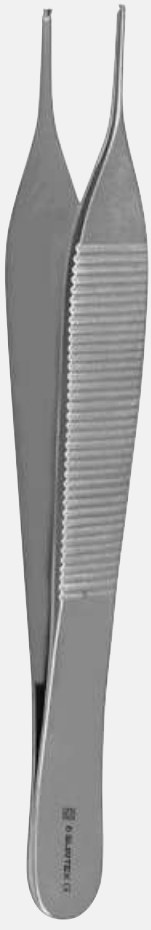


Micro Adson Dressing Forcep



FR-054-12
12 cm (4 ¾")

FR-054-15
15 cm (6")



Adson Dissecting Forcep
1 x 2 Teeth



FR-250-12
12 cm (4 ¾")



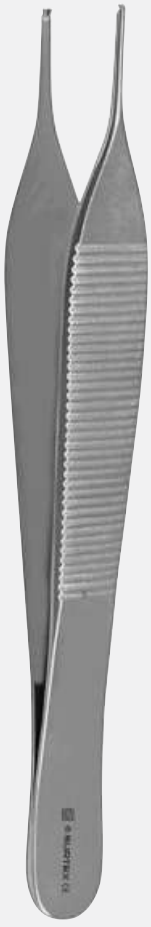
FR-250-15
15 cm (6")



FR-250-18
18 cm (7")

1:2

Dissecting Forceps
Anatomische Pinzetten
Pinzas de disección
Pinces à dissection
Pinze per dissezione





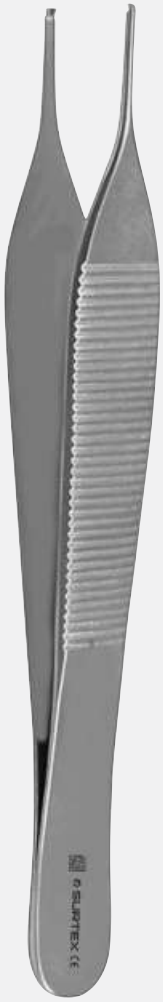
FR-252-12
Straight



FR-253-12
Curved

Mini-Adson Dissecting Forcep
1 x 2 Teeth, Cross Serrated
Overall Length 12 cm (4 ¾")

1:2





FR-256-12
12 cm (4 ¾")



FR-256-15
15 cm (6")

Micro-Adson Dissecting Forcep
1 x 2 Teeth

1:2

Cilia Forceps
Zilienzange
Pinzas para cilios
Pinces à cils
Pinze Cilia



FR-630-09
Beer Cilia Forcep
Smooth Jaws
Overall Length 9 cm (3 ½")



FR-632-10
Barraquer Cilia Forcep
Smooth Jaws
Overall Length 10.5 cm (4")

Vitrectomy Forceps
Vitrektomiezange
Pinzas de vitrectomía
Pince de vitrectomie
Pinza per vitrectomia



Vitrectomy Forcep



FR-680-20
Straight , Horizontal Opening
Serrated Tips, 20 G

FR-680-23
Straight , Horizontal Opening
Serrated Tips, 23 G



FR-682-20
Straight End Gripping Jaws
Horizontal Opening Tips, 20 G

FR-682-23
Straight, End Grasping Jaws
Horizontal Opening Tips, 23 G



FR-685-20
Smooth Side Gripping Jaws
Vertical Opening Tips 20 G



FR-687-20
Membrane Peeling, Smooth Jaws
45^{0} Angled, 20 G

FR-687-23
Membrane Peeling, Smooth Jaws
45^{0} Angled, 23 G



FR-689-23
Straight Asymmetrical Jaws 23 G



FR-690-23
ILM Straight 23 G

Vitrectomy Forceps
Vitrektomiezange
Pinzas de vitrectomía
Pince de vitrectomie
Pinza per vitrectomia



FR-692-20
ICL Vitrectomy Forcep
Straight 20 G



FR-695-23
Alio MICS Vitrectomy Capsulorrhexis Forcep
Angled Shaft 23 G

Eye Surgery Forceps
Augenchirurgie Pinzetten
Ojo Pinzas Cirugía
Pince de chirurgie oculaire
Eye Pinze Chirurgia





FR-700-01
Straight
10 cm (4")



FR-700-02
Gently Curved
10 cm (4")



FR-700-03
Strongly Curved
9.5 cm (3 ¾")

Graefe Eye Dressing Forcep
Serrated Tips

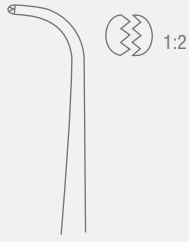




FR-702-01
Straight
10 cm (4")



FR-702-02
Gently Curved
10 cm (4")



FR-702-03
Strongly Curved
9.5 cm (3 ¾")

Graefe Dissecting Forcep
1 x 2 Teeth

Corneal Forceps
Hornhautzange
Pinzas corneales
Pince cornéenne
Pinza corneale



FR-710-07
Botvin Iris Forcep
0.5 mm, Serrated
Overall Length 7.5 cm (3 ¼")

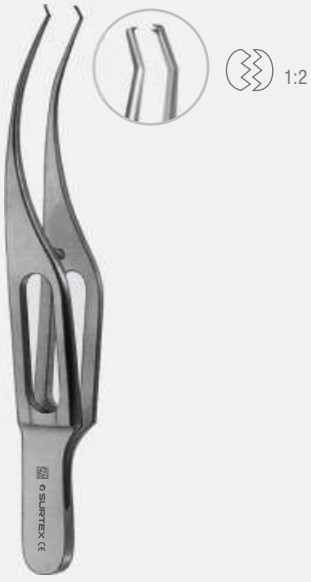


1:2

FR-712-07
Botvin Iris Forcep
0.3 mm, 1 x 2 Teeth
Overall Length 7.5 cm (3 ¼")



FR-714-07
Gills-Colibri Corneal Forcep
Very Fine Pointed Tip, With Tying Platform
Overall Length 7.5 cm (3 ¼")



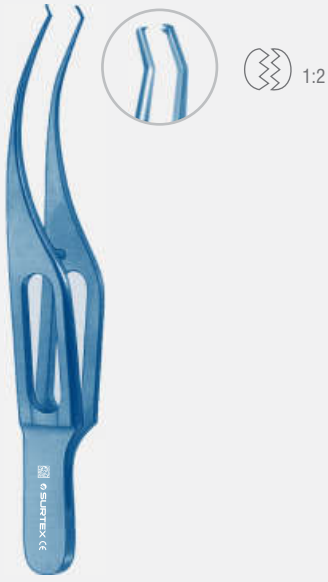
1:2

FR-716-07
Colibri Corneal Forcep
Very Delicate, 1 x 2 Teeth, 0.12 mm
Overall Length 7.5 cm (3 ¼")



1:2

FR-718-07
Harms-Colibri Corneal Forcep
Very Delicate, 1 x 2 Oblique Teeth
0.12 mm With Tying Platform
Overall Length 7.5 cm (3 ¼")



1:2

FR-718-07 T
Harms-Colibri Corneal Forcep
Very Delicate, 1 x 2 Oblique Teeth
0.12 mm With Tying Platform
Overall Length 7.5 cm (3 ¼")

TITANIUM

Corneal Forceps, Tissue Forceps
Hornhautzange, Gewebezange
Pinzas corneales, Pinzas para tejidos
Pince cornéenne, Pinces à tissus
Pinza corneale, Pinza per tessuti



FR-720-07
Colibri Corneal Forcep
Standard 1 x 2 Teeth
With Tying Platform, 0.4 mm
Overall Length 7.5 cm (3 ¼")

1:2



FR-721-07
Pierse-Colibri Corneal Forcep
1 x 1 Teeth, 0.12 mm
Overall Length 7.5 cm (3 ¼")

1:1



FR-722-08
Hoskin Tissue Forcep
Straight, 1 x 1 Teeth, 0.3 mm
Overall Length 8 cm (3 ¼")

1:1



FR-723-08
Hoskin Tissue Forcep
Curved, 1 x 1 Teeth, 0.3 mm
Overall Length 8 cm (3 ¼")

1:1

Corneal Forceps
Hornhautzange
Pinzas corneales
Pince cornéenne
Pinza corneale



FR-724-10
Fechtner Conjunctival Forcep
Very Delicate Ø 0.8 mm
Ring Shaped Tips
With 6 mm Long Tying Platform
Overall Length 10.5 cm (4")



FR-726-11
Castroviejo-Colibri Corneal Forcep
Very Delicate 1 x 2 Teeth, 0.12 mm
Overall Length 11 cm (4 ¼")

1:2



FR-728-11
Harms-Colibri Corneal Forcep
Very Delicate 1 x 2 Teeth, 0.12 mm
With Tying Platform
Overall Length 11 cm (4 ¼")

1:2

Corneal Forceps
Hornhautzange
Pinzas corneales
Pince cornéenne
Pinza corneale



FR-730-08
Bonn Corneal Forcep
Very Delicate 1 x 2 Teeth 0.12 mm
Overall Length 8.5 cm (3 ¼")



FR-732-10
Bonn Corneal Forcep
Very Delicate 1 x 2 Teeth
With Tying Platform, 0.12 mm
Overall Length 10 cm (4")



FR-732-10 T
Bonn Corneal Forcep
Very Delicate 1 x 2 Teeth
With Tying Platform, 0.12 mm, Titanium
Overall Length 10 cm (4")

TITANIUM



FR-734-08
Bonn Corneal Forcep
Very Delicate, Serrated
Overall Length 8.5 cm (3 ¼")

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-736-10
McPherson Suture Tying Forcep
Straight, 1 x 2 Teeth
With Tying Platform, 0.4 mm
Overall Length 10.5 cm (4")

1:2



FR-737-10
McPherson Suture Tying Forcep
Angled, 1 x 2 Teeth
With Tying Platform, 0.4 mm
Overall Length 10 cm (4")

1:2



FR-740-10
Kelman-McPherson Tissue Forcep
Angled, 1 x 2 Teeth
With Tying Platform, 0.3 mm
Overall Length 10 cm (4")

1:2

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-742-10
Hoffer-McPherson Tissue Forcep
Very Delicate, 1 x 2 Teeth
11 mm, 0.12 mm
Overall Length 10 cm (4")

1:2



Castroviejo Suture Tying Forcep
1 x 2 Oblique Teeth With Tying Platform
Overall Length 11 cm (4 ¼")

FR-750-01	0.12 mm
FR-750-03	0.3 mm
FR-750-05	0.5 mm
FR-750-09	0.9 mm

1:2



FR-750-01 T
Castroviejo Suture Tying Forcep
1 x 2 Oblique Teeth, With Tying Platform
0.12 mm, Titanium
Overall Length 11 cm (4 ¼")

1:2

TITANIUM

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



Castroviejo Suture Tying Forcep
Angled, 1 x 2 Oblique Teeth
With Tying Platform
Overall Length 11 cm (4 ¼")

FR-751-01 0.12 mm
FR-751-03 0.3 mm
FR-751-05 0.5 mm
FR-751-09 0.9 mm

1:2



FR-751-01 T
Castroviejo Suture Tying Forcep
Angled, 1 x 2 Oblique Teeth With Tying Platform
0.12 mm, Titanium
Overall Length 11 cm (4 ¼")

1:2

TITANIUM



FR-752-05
Stern-Castroviejo Suture Tying Forcep
1 x 2 Teeth, 0.5 mm
Overall Length 11 cm (4 ¼")

1:2

Corneoscleral Forceps
Korneoskleralzange
Pinzas corneoesclerales
Pince cornéosclérale
Pinza corneosclerale



FR-754-10
Girard Corneoscleral Forcep
1 x 2 Teeth With Tying Platform
For Right Hand, 0.12 mm
Overall Length 10.5 cm (4")

1:2



FR-756-10
Girard Corneoscleral Forcep
1 x 2 Teeth With Tying Platform
For Left Hand, 0.12 mm
Overall Length 10.5 cm (4")

1:2



Bishop-Harmon Iris Forcep
Overall Length 8.5 cm (3 ¼")

1:2



FR-758-08
0.3 mm Delicate
1 x 2 Teeth



FR-760-08
0.8 mm Standard
1 x 2 Teeth

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-762-09
Bishop-Harmon Dressing Forcep
0.8 mm, Cross Serrated Jaws
Overall Length 8.5 cm (3 ¼")



FR-764-09
St. Martin's Suture Tying Forcep
0.3 mm, 1 x 2 Oblique Teeth
With 5.0 mm Tying Platform
Overall Length 9 cm (3 ½")

1:2



FR-765-09
Paufique Suture Tying Forcep
0.5 mm, 1 x 2 Oblique Teeth
With 5.0 mm Tying Platform
Overall Length 9 cm (3 ½")

1:2



FR-766-09
Sauer Fixation Forcep
0.3 mm, 1 x 2 Oblique Teeth
Overall Length 9 cm (3 ½")

1:2

Fixation Forceps
Fixierungszange
Pinzas de fijación
Pince de fixation
Pinze di fissazione



FR-768-09
Manhattan Eye & Ear Fixation Forcep
1 x 2 Teeth, 0.3 mm, With Tying Platform
Overall Length 9 cm (3 ½")

1:2



FR-770-11
Elschnig Fixation Forcep
0.9 mm, 1 x 2 Oblique Teeth
Overall Length 11 cm (4 ¼")

1:2



FR-772-01
Graefe Fixation Forcep
4.5 mm Wide Jaws
Without Lock
Overall Length 11 cm (4 ¼")



FR-772-02
Graefe Fixation Forcep
4.5 mm Wide Jaws
With Lock
Overall Length 11 cm (4 ¼")

Fixation Forceps
Fixierungszange
Pinzas de fijación
Pince de fixation
Pinze di fissazione



FR-774-10
Green Fixation Forcep
9.0 mm Wide Jaws
Overall Length 10.5 cm (4")



FR-774-11
Troutman Superior Rectus Forcep
Angled, 0.5 mm 1 x 2 Oblique Teeth
Overall Length 11 cm (4 ¼")





FR-776-01
0.6 mm
1 x 2 Teeth



FR-776-02
0.6 mm
2 x 3 Teeth

Lester Fixation Forcep
Overall Length 9.5 cm (3 ¾")

Fixation Forceps, Suture Tying Forceps
Fixierungszange, Nahtbindezange
Pinzas de fijación, Pinzas para atar suturas
Pince de fixation, Pince à suture
Pinze di fissazione, Pinza per sutura



FR-777-01
Moody Fixation Forcep
Curved Right
Overall Length 11 cm (4 ¼")



FR-777-02
Moody Fixation Forcep
Curved Left
Overall Length 11 cm (4 ¼")



FR-780-10
McPherson Suture Tying Forcep
Straight, With Tying Platform
5.0 mm
Overall Length 10 cm (4")



FR-780-10 T
McPherson Suture Tying Forcep
Straight, With Tying Platform
5.0 mm Titanium
Overall Length 10 cm (4")

TITANIUM

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-781-10
McPherson Suture Tying Forcep
Angled, With Tying Platform, 5 mm
Overall Length 10 cm (4")



FR-781-10 T
McPherson Suture Tying Forcep
Angled, With Tying Platform, 5 mm Titanium
Overall Length 10 cm (4")

TITANIUM

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-784-10
Kelman-McPherson Suture Tying Forcep
Angled, With Tying Platform, 7.5 mm
Overall Length 10 cm (4")



FR-784-10 T
Kelman-McPherson Suture Tying Forcep
Angled, With Tying Platform, 7.5 mm Titanium
Overall Length 10 cm (4")

TITANIUM



FR-790-10
Kurstin Flap Stretching Forcep
Disc Shaped, Serrated Jaws
Overall Length 10.5 cm (4")



FR-793-10
Buratto LASIK Flap Forcep
Curved, Disc Shaped, Serrated Jaws
Overall Length 10.5 cm (4")

Capsulorrhexis Forceps
Kapsulorrhexis-Zange
Pinzas de capsulorrexis
Pince à capsulorrexis
Pinza per capsuloressi



FR-795-10
Mendez Multipurpose LASIK Forcep
Angled, Spatulated Jaws & Tip
Overall Length 10 cm (4")



FR-797-10
Kraff Capsule Tag Forcep
Angled, 11 mm, 1.5 mm
Overall Length 10.5 cm (4")



FR-801-10
Utrata Capsulorrhexis Forcep
Very Delicate Triangular Grasping Tips
Extremely Thin, 11 mm
Overall Length 10.5 cm (4")



FR-801-10 T
Utrata Capsulorrhexis Forcep
Very Delicate Triangular Grasping Tips
Extremely Thin, 11 mm, Titanium
Overall Length 10.5 cm (4")

TITANIUM

Capsulorrhexis Forceps
Kapsulorrhexis-Zange
Pinzas de capsulorrexis
Pince à capsulorrexis
Pinza per capsuloressi



FR-803-10
Jaffe Capsulorrhexis Forcep
Very Delicate Round Grasping Tip
Extremely Thin, 11 mm
Overall Length 10.5 cm (4")



FR-805-10
O'Gawa-Utrata Capsulorrhexis Forcep
Very Delicate, Round Grasping Tips
Extremely Thin
Overall Length 10.5 cm (4 ")



FR-807-11
Inamura Capsulorrhexis Forcep
Delicate Tapered 12 mm Long Shanks
Overall Length 11.5 cm (4 ½")



FR-809-10
Masket Capsulorrhexis Forcep
With Very Delicate Triangle Grasping Tip & Very Delicate Vaulted Shanks, Length 11 mm
Overall Length 11.5 cm (4 ½")

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



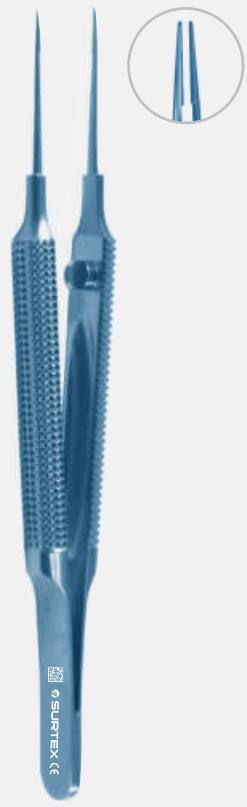
FR-810-10
Jaffe Suture Tying Forcep
Straight, Very Delicate
Smooth Jaws, 6 mm
Overall Length 10.5 cm (4")



FR-811-10
Jaffe Suture Tying Forcep
Curved, Very Delicate
Smooth Jaws 6 mm
Overall Length 10.5 cm (4")



FR-816-10
Tennant Suture Tying Forcep
Straight, Round Handle With
Guide Pin Extra Delicate
Smooth Jaws, 6 mm
Overall Length 10.5 cm (4")



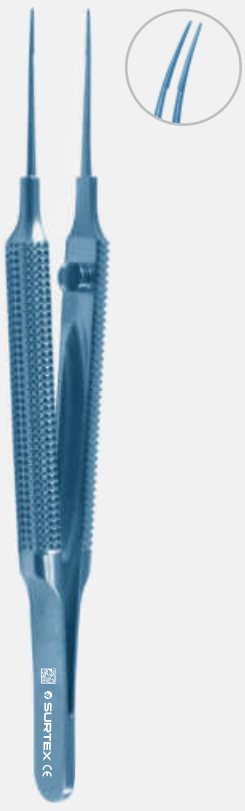
FR-816-10 T
Tennant Suture Tying Forcep
Straight, Round Handle With
Guide Pin Extra Delicate Smooth
Jaws, 6 mm
Overall Length 10.5 cm (4")

TITANIUM

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-817-10
Tennant Suture Tying Forcep
Curved, Round Handle With Guide Pin, Extra Delicate Smooth Jaws, 6 mm
Overall Length 10.5 cm (4")



FR-817-10 T
Tennant Suture Tying Forcep
Curved, Round Handle With Guide Pin, Extra Delicate Smooth Jaws, 6 mm
Overall Length 10.5 cm (4")

TITANIUM



FR-820-10
Harms Suture Tying Forcep
Straight
Overall Length 10.5 cm (4")



FR-821-10
Harms Suture Tying Forcep
Curved
Overall Length 10.5 cm (4")

Suture Tying Forceps
Nahtbindezange
Pinzas para atar suturas
Pince à suture
Pinza per sutura



FR-824-10
Helveston Suture Tying Forcep
Straight
Overall Length 10.5 cm (4")



FR-825-10
Fine Suture Tying Forcep
Curved
Overall Length 10.5 cm (4")



FR-827-08
Gerl Suture Tying Forcep
Smooth Jaws, Curved Shanks, 6 mm
Overall Length 8.5 cm (3 ¼")



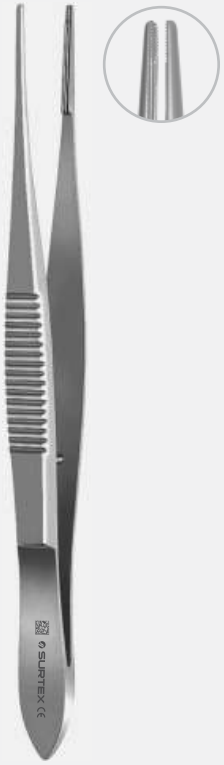
FR-827-08 T
Gerl Suture Tying Forcep
Smooth Jaws, Curved Shanks, 6 mm
Overall Length 8.5 cm (3 ¼")

TITANIUM

Conjunctival Forceps
Bindehautzange
Pinzas conjuntivales
Pince conjonctivale
Pinza congiuntivale



FR-830-10
Gradle Cilia Forcep
Smooth Jaws
Overall Length 10 cm (4")



Bonaccolto Conjunctival Forcep
Overall Length 10.5 cm (4")

FR-834-12
Longitudinal Serrated Jaws
With Cross Serrated Tips, 1.2 mm

FR-834-17
Longitudinal Serrated Jaws
With Cross Serrated Tips, 1.7 mm



FR-836-10
Lister Conjunctival Forcep
1 x 2 Teeth
Overall Length 10 cm (4")

1:2



FR-838-10
Moorfield Conjunctival Forcep
Overall Length 10 cm (4")

Utility Forceps
Allzweckzange
Pinzas de utilidad
Pinces utilitaires
Pinze di utilità



Nugent Utility Forcep
Overall Length 10.5 cm (4")

FR-840-10
Smooth Jaws

FR-842-10
Serrated Jaws



FR-844-11
Lister Utility Forcep
Serrated Jaws, 1 x 2 Teeth
Overall Length 11 cm (4 ¼")

1:2



FR-846-10
Gold Punctal Plug Forcep
With Longitudinal Groove
Pointed Tip
Overall Length 11 cm (4 ¼")



FR-847-08
Scleral Plug Removing Forcep
Overall Length 8.5 cm - (3 ½")

Capsule Forceps
Kapselzange
Pinzas para cápsulas
Pince à capsules
Pinza per capsule



FR-848-11
Osher Iris Forcep
Very Fine Textured Jaws
Overall Length 11 cm (4 ¼")



FR-850-11
Foreign Body Forcep
Straight
Overall Length 8.5 cm (3 ¼")



FR-855-11
Jaffe Utility Forcep
Curved, Very Delicate
Smooth Jaws
Overall Length 11 cm (4 ¼")



FR-857-11
Castroviejo Capsule Forcep
Overall Length 11 cm (4 ¼")



FR-859-11
Arruga Capsule Forcep
Curved, Very Delicate
Overall Length 11 cm (4 ¼")

Nucleus Cracker
Kernknacker
Galleta del núcleo
Craqueur de noyau
Cracker del nucleo



FR-861-11
Akahoshi Phaco PreChopper
Delicate Jaws With Sharp Tip
4.5 mm
Overall Length 11 cm (4 ¼")



FR-863-11
Ernest Nucleus Cracker
Extra Delicate Cross Action
Serrated Paddle Tip
Overall Length 11 cm (4 ¼")



FR-867-11
Dodick Nucleus Cracker
Cross Action, Longitudinally
Serrated Paddle Shaped Jaws
Overall Length 11 cm (4 ¼")



FR-869-10
Alfonso Nucleus Grasping Forcep
With Two Short Rows of Delicate
Interlocking Teeth
Overall Length 10.5 cm (4")

IOL Folding Forceps
IOL-Faltzange
Pinzas plegables para LIO
Pince pliante pour LIO
Pinza pieghevole per IOL



FR-871-11
Rosenwasser Donor Lamella Inserting Forcep
With Vaulted Shanks
Overall Length 11 cm (4 ¼")



FR-875-11
Dodick IOL Folding Forcep
For Short IOLs
Overall Length 11 cm (4 ¼")



FR-877-10
Livernois IOL Folding Forcep
Concave Jaw Surfaces, For Soft IOLs
Overall Length 11 cm (4 ¼")

IOL Folding Forceps
IOL-Faltzange
Pinzas plegables para LIO
Pince pliante pour LIO
Pinza pieghevole per IOL



FR-879-10
Steinert IOL Inserting Forcep
Conically Shaped Jaws
Overall Length 10 cm (4")



FR-882-10
Livernois IOL Holding Forcep
Straight, Highly Polished Round
Jaws For Holding Soft IOLs
Overall Length 10.5 cm (4")



FR-883-10
Livernois IOL Holding Forcep
Angled, Highly Polished Round
Jaws For Holding Soft IOLs
Overall Length 10.5 cm (4")

IOL Folding Forceps
IOL-Faltzange
Pinzas plegables para LIO
Pince pliante pour LIO
Pinza pieghevole per IOL



FR-885-10
Livernois-McDonald IOL Inserting Forcep
Concave Jaws, 5.0 mm
Overall Length 10.5 cm (4")



FR-887-10
Faulkner Lens Holding Forcep
Round, Smooth Jaws
Overall Length 10 cm (4")



FR-889-10
Buratto IOL Inserting Forcep
Extra Delicate Highly Polished Convex Jaws
For Soft IOLs
Overall Length 10 cm (4")

Lens Holding Forceps
Linsenhaltezange
Pinzas para sujetar lentes
Pince porte-lentille
Pinza per presa di lenti



FR-891-12
Bechert Lens Holding Forcep
Very Delicate Flat Jaws
Overall Length 12.5 cm (5")



FR-893-12
Kratz Lens Holding Forcep
Very Delicate Narrow Jaws
Overall Length 12.5 cm (5")



FR-895-11
Blaydes Lens Holding Forcep
Very Delicate Narrow Jaws
Angled 45º
Overall Length 11.5 cm (4 ½")



FR-897-12
Shepard Lens Holding Forcep
Gently Curved, Duckbill Shaped Jaws
Overall Length 12.5 cm (5")

Muscle Forceps
Muskelzange
Pinzas musculares
Pinces musculaires
Pinza muscolare



FR-899-12
Clayman Lens Holding Forcep
Gently Curved, Blades With
Delicately Angled Jaws
Overall Length 12.5 cm (5")



FR-900-10
Bangerter Muscle Clamp
With 10 Delicate Teeth
and Push Button
Overall Length 10 cm (4")



FR-901-01
Jameson Muscle Forcep
Right, With Slide Lock,
4 Teeth, Child Size
Overall Length 9.5 cm (3 ¾")



FR-901-02
Jameson Muscle Forcep
Left, With Slide Lock,
4 Teeth, Child Size
Overall Length 9.5 cm (3 ¾")

Muscle Forceps, Ptosis Forceps
Muskelzange, Ptosis-Zange
Pinzas musculares, Pinzas para ptosis
Pinces musculaires, Pince à ptose
Pinza muscolare, Pinza per ptosi



FR-903-01
Jameson Muscle Forcep
Left, With Slide Lock,
6 Teeth, Adult Size
Overall Length 10 cm (4")



FR-903-02
Jameson Muscle Forcep
Right, With Slide Lock,
6 Teeth, Adult Size
Overall Length 10 cm (4")



FR-905-20
Berke Ptosis Forcep
Longitudinally Grooved
Jaws, With Side Lock, 20 mm
Overall Length 11 cm (4 ¼")



FR-905-27
Berke Ptosis Forcep
Longitudinally Grooved
Jaws, With Side Lock, 27 mm
Overall Length 11 cm (4 ¼")

Lid Forceps
Deckelzange
Pinzas para párpados
Pince à couvercle
Pinza per coperchio



FR-906-10
Putterman-Muellers Muscle Conjunctival Resection Ptosis Clamp
With Slide Lock
Overall Length 10 cm (4")



FR-907-11
Watzke Sleeve Spreading Forcep
Jaw Length 10 mm
Overall Length 11.5 cm (4 ½")



FR-908-10
Erhardt Lid Forcep
Overall Length 10.5 cm (4")

Chalazion Forceps
Chalazion-Zange
Pinzas de chalazión
Pince à Chalazion
Pinza per calazio



FR-910-09
Downes Lid Clamp
Overall Length 9.5 cm (3 ¾")



FR-912-08
Lambert Chalazion Forcep
Round Jaws, Ø 8.0 mm
Overall Length 9 cm (3 ½")



FR-912-12
Hunt Chalazion Forcep
Round Jaws, Ø 12.0 mm
Overall Length 9.5 cm (3 ¾")



FR-914-09
Baird Chalazion Forcep
Small, Oval Jaws, 11 x 8 mm
Overall Length 9.5 cm (3 ¾")

Chalazion Forceps
Chalazion-Zange
Pinzas de chalazión
Pince à Chalazion
Pinza per calazio



FR-916-09
Francis Chalazion Forcep
Medium, Oval Jaws, 14 x 11 mm
Overall Length 9.5 cm (3 ¾")



Desmarres Chalazion Forcep
Overall Length 9 cm (3 ½")

FR-918-09
Large, Oval Jaws, 20 x 13 mm

FR-919-09
Large, Oval Jaws, 25 x 13 mm



FR-920-09
Wies Chalazion Forcep
Grooved Upper Jaws
Overall Length 9.5 cm (3 ¾")



FR-921-09
Lordan Chalazion Forcep
Triangular Jaws
Overall Length 9.5 cm (3 ¾")

Chalazion Forceps
Chalazion-Zange
Pinzas de chalazión
Pince à Chalazion
Pinza per calazio



FR-922-01
Ayer Chalazion Forcep
Round Jaws, Ø 6.0 mm
Overall Length 9.5 cm (3 ¾")



FR-923-01
Desmarres Entropian Forcep
Right
Overall Length 10 cm (4")

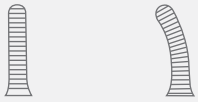


FR-923-02
Desmarres Entropian Forcep
Left
Overall Length 10 cm (4")

Bulldog Clamps, Haemostatic Forceps
Bulldogklemmen, Arterienklemmen
Clamps Bulldog, Pinzas hemostáticas
Clamps Bulldog, Pinces hémostatiques
Pinze Bulldog, Pinze emostatiche



AF-062-03
Straight
3.5 cm (1 ½")



AF-063-03
Curved
3.5 cm (1 ½")

Dieffenbach Bulldog Clamp
Overall Length 3.5 cm (1 ½")

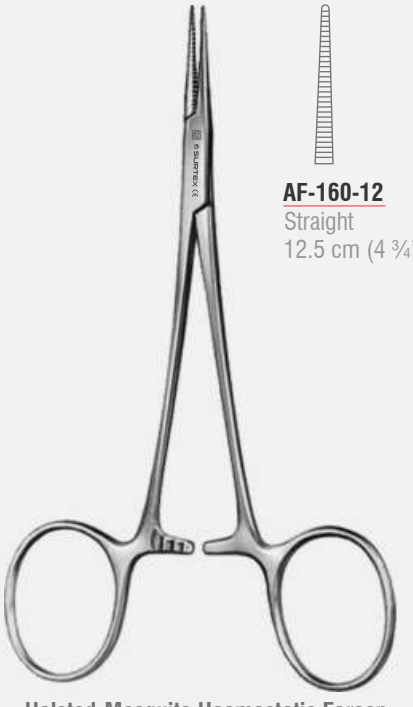


AF-140-10
Straight
10 cm (4 ")



AF-141-10
Curved
9.5 cm (3 ¾")

Hartmann Haemostatic Forcep



AF-160-12
Straight
12.5 cm (4 ¾")



AF-161-12
Curved
12 cm (4 ¾")

Halsted-Mosquito Haemostatic Forcep



Micro-Mosquito Haemostatic Forcep



AF-170-10
Straight
10 cm (4")



AF-171-10
Curved
9.5 cm (3 ¾")



AF-172-10
Straight
1 x 2 Teeth
10 cm (4")



AF-173-10
Curved
1 x 2 Teeth
10 cm (4")

1:2

Towel Clamps
Tuchklemmen
Pinzas de campo
Pinces à champs
Pinze fissatele



AF-761-05
5.5 cm (2 ½")

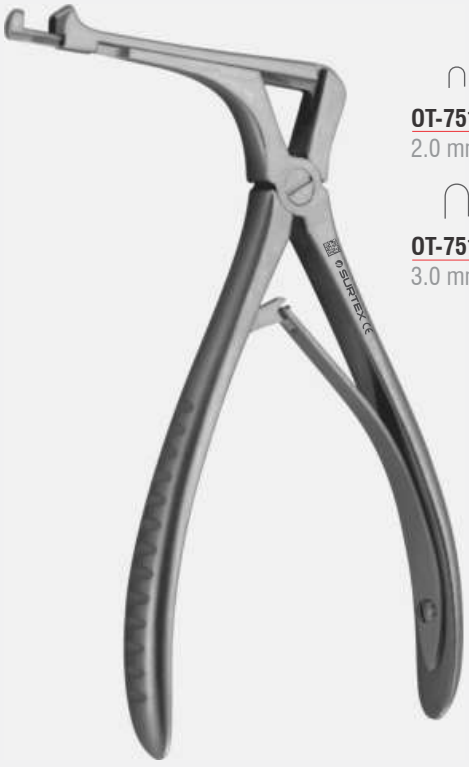
AF-761-09
8.5 cm (3 ¼")

Jones Towel Clamp
Sharp



AF-773-08
Backhaus Towel Clamp
Overall Length 9 cm (3 ½")

Mastoid Rongeurs, Nasal Specula
Ohr-Knochenstanzen, Nasenspekula
Pinzas cortantes para huesos, Espéculos nasales
Ostéotomes emporte-pièces, Spéculums nasaux
Pinze osteotomi, Specoli nasali



OT-751-02
2.0 mm

OT-751-03
3.0 mm

Citelli Mastoid Rongeur
Overall Length 17 cm (6 ¾")

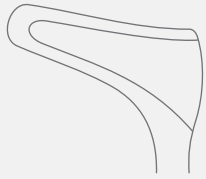




RH-033-01
27 mm
Fig. 1



RH-033-02
31 mm
Fig. 2



RH-033-03
35 mm
Fig. 3

Hartmann-Halle Nasal Speculum
Overall Length 15.5 cm (6")

Septum Chisels, Septum Gouges, Nasal Specula
Septummeißel, Septum-Hohlmeißel, Nasenspekula
Cinceles para tabique nasal, Gubias para tabique nasal, Espéculos nasales
Elévateurs pour le périoste, Gouges pour la cloison nasale, Spéculums nasaux
Elevatori per il periosto, Sgorbie per il setto nasale, Specoli nasali



Kerrison Sphenoid Punch
Up Cutting



RH-305-03
Ø 3.0 mm x 3.0 mm
9 cm (3 ½")



RH-305-04
Ø 4.0 mm x 4.0 mm
9 cm (3 ½")



RH-305-05
Ø 5.0 mm x 5.0 mm
9 cm (3 ½")



RH-305-06
Ø 6.0 mm x 6.0 mm
9 cm (3 ½")



RH-475-18
Freer Septum Elevator
Double Ended 5.0 mm, 5.0 mm
Overall Length 18.5 cm (7 ¼")



Freer Septum Chisel
4.0 mm
Overall Length 16.5 cm (6 ½")



RH-600-16
Straight



RH-601-16
Curved



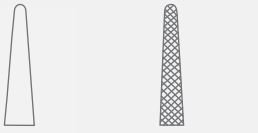
RH-604-16
West Septum Chisel
Overall Length 16 cm (6 ¼")



RH-605-16
West Septum Gouge
Overall Length 16 cm (6 ¼")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi





SU-024-13
Smooth Jaws

SU-026-13
Serrated Jaws

Halsey Needle Holder
Overall Length 13.5 cm (5 ¼")



SU-040-13
13 cm (5")



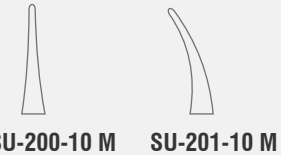
SU-040-18
18 cm (7")

Brown Needle Holder
Heavy Pattern

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™



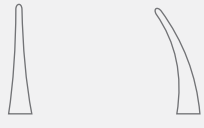


SU-200-10 M
Straight

SU-201-10 M
Curved

McPherson Micro Needle Holder
Without Lock
Overall Length 10 cm (4")





SU-202-10 M
Straight

SU-203-10 M
Curved

McPherson Micro Needle Holder
With Lock
Overall Length 10 cm (4")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™



SU-210-14 M
Straight

SU-211-14 M
Curved

Castroviejo Micro Needle Holder
Without Lock, Delicate Pattern
Overall Length 14 cm (5 ½")



SU-212-14 M
Straight

SU-213-14 M
Curved

Castroviejo Micro Needle Holder
With Lock, Delicate Pattern
Overall Length 14 cm (5 ½")



SU-220-14 M
Straight

SU-221-14 M
Curved

Castroviejo Micro Needle Holder
Without Lock, Standard Pattern
Overall Length 14 cm (5 ½")



SU-222-14 M
Straight

SU-223-14 M
Curved

Castroviejo Micro Needle Holder
With Lock, Standard Pattern
Overall Length 14 cm (5 ½")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™





SU-310-10 M
Straight
10 cm (4")



SU-310-11 M
Straight
11.5 cm (4 ½")



SU-311-10 M
Curved
10 cm (4")



SU-311-11 M
Curved
11.5 cm (4 ½")

Barraquer Micro Needle Holder
Without Lock





SU-310-11 MT
Straight



SU-311-11 MT
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 11.5 cm (4 ½")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™





SU-312-10 M
Straight
10 cm (4")



SU-312-11 M
Straight
11.5 cm (4 ½")



SU-313-10 M
Curved
10 cm (4")



SU-313-11 M
Curved
11.5 cm (4 ½")

Barraquer Micro Needle Holder
With Lock, Straight





SU-312-11 MT
Straight



SU-313-11 MT
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 11.5 cm (4 ½")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™



SU-320-13 M
Straight

SU-321-13 M
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 13 cm (5”)



SU-320-13 MT
Straight

SU-321-13 MT
Curved

Barraquer Micro Needle Holder
Without Lock
Overall Length 13 cm (5”)

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™





SU-322-13 M
Straight



SU-323-13 M
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 13 cm (5")





SU-322-13 MT
Straight



SU-323-13 MT
Curved

Barraquer Micro Needle Holder
With Lock
Overall Length 13 cm (5")

TITANIUM

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi





SU-341-12
Without Lock



SU-343-12
With Lock

Troutman Micro Needle Holder
Round Handle, Strongly Curved Delicate Tips
Overall Length 12 cm (4 ¾")

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™



SU-500-13 M
Straight

SU-501-13 M
Curved

Barraquer Micro Needle Holder
Suture Size 6/0, Smaller
With TC Inserts & Without Lock
Overall Length 13 cm (5”)



SU-502-13 M
Straight

SU-503-13 M
Curved

Barraquer Micro Needle Holder
Suture Size 6/0, Smaller
With TC Inserts & Lock
Overall Length 13 cm (5”)

Micro Needle Holders
Mikro-Nadelhalter
Micro Porta-agujas
Micro Porte-aiguilles
Micro Portaghi

infinex™





SU-510-14 M
Straight



SU-511-14 M
Curved



SU-512-14 M
Straight
Smooth Jaws



SU-513-14 M
Curved
Smooth Jaws

Castroviejo Micro Needle Holder
Suture Size 5/0, Smaller
With TC Inserts & Lock
Overall Length 14 cm (5 ½ ")

Calipers
Schieblehren
Calibres
Pieds à coulisse
Calibro



DI-850-20
Castroviejo Caliper
Straight, 20 mm
Overall Length 8 cm (3")



DI-880-15
150 mm
16.5 cm (6 ½")

DI-880-30
300 mm
31.5 cm (12 ½")

Ruler
Graduated in mm and inches

Nerve Hooks
Nervhaken
Ganchos para nervios
Crochets à nerfs
Uncini per nervi

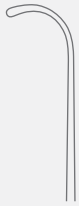




RT-048-01
Fig. 1



RT-048-02
Fig. 2



RT-048-03
Fig. 3

Graefe Nerve Hook
Blunt
Overall Length 14 cm (5 ½")





RT-066-13
4 Sharp Prongs



RT-068-13
4 Blunt Prongs

Knapp Fine Wound Retractor
Overall Length 13.5 cm (5 ¼")





RT-074-02
2.0 mm



RT-074-05
5.0 mm



RT-074-07
7.0 mm



RT-074-10
10.0 mm

Joseph Mucus Hook
Overall Length 16.5 cm (6 ½")





RT-120-08
8.0 mm



RT-120-10
10.0 mm



RT-120-12
12.0 mm



RT-120-14
14.0 mm

Desmarres Lid Retractor
Overall Length 16 cm (6 ¼")

Bone Rongeurs
Hohlmeißelzangen
Pinzas gubias
Pinces-gouges
Pinze-sgorbie



OR-470-19
Cottle Bone Mallet
Plain, Convex, Ø 30.0 mm,
300 Grams
Overall Length 19 cm (7 ½")



OR-933-01 **OR-934-02**

Friedman Bone Rongeur
Overall Length 13.5 cm (5 ¼")

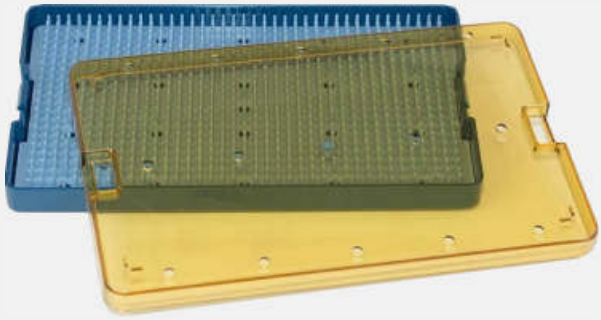


OR-937-16
Mead Bone Rongeur
Overall Length 16.5 cm (6 ½")



PR-200-00
Bowman Probes Complete
Set of 6 Probes
Overall Length 13 cm (5")

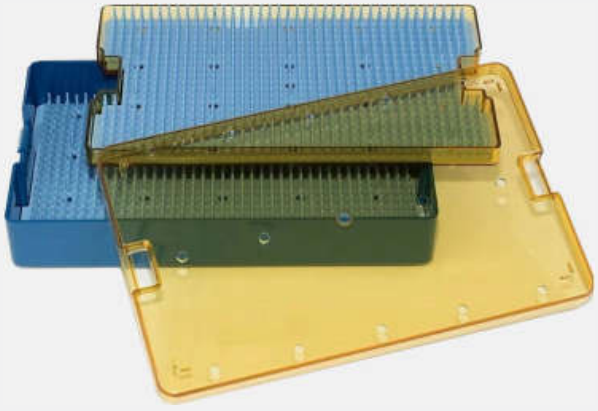
Sterilizing Cases
Sterilisierbehälter Koffer
Los casos de esterilización
Stérilisation cas
Sterilizzazione Custodie i



ST-110-01
Storing Case Plastic
Single Level With Perforated Silicone Mat
Overall Length 160 x 70 x 25 mm

ST-110-02
Storing Case Plastic
Single Level With Perforated Silicone Mat
Overall Length 200 x 110 x 25 mm

ST-110-03
Storing Case Plastic
Single Level With Perforated Silicone Mat
Overall Length 265 x 160 x 25 mm



ST-112-26
Storing Case Plastic
Double Level With Perforated Silicone Mat
Size 265 x 160 x 50 mm

Ophthalmic Surgery Sets

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Basic Eye Surgery Set

Codes	Description	Quantity
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel	1
SL-030-07	Scalpel Handle No. 7 Solid 16 cm - 6 1/4" Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SS-430-10	Iris Scissor Straight 10 cm - 4" Stainless Steel	1
SS-431-10	Iris Scissor Curved 10 cm - 4" Stainless Steel	1
AF-170-12	Micro-Mosquito Haemostatic Forcep Straight 12 cm - 4 3/4" Stainless Steel	4
AF-171-12	Micro-Mosquito Haemostatic Forcep Curved 11.5 cm - 4 1/2" Stainless Steel	6
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel	4
SS-423-09	Very Delicate Operating Scissor Curved 9 cm - 3 1/2" Stainless Steel	1
OP-010-15	Barraquer Wire Speculum Standard Wire Blade Size 15 mm Stainless Steel	1
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
OP-091-14	Castroviejo Eye Speculum Adjustable Mechanism Blade Size 14 mm Stainless Steel	1
OP-175-15	Desmarres Lid Retractor Thin Solid Blades - Size 2 13 cm - 5" Blade Width 15 mm Stainless Steel	1
RT-048-02	Graefe Nerve Hook Fig. 2 14 cm - 5 1/2" Stainless Steel	1
OP-745-50	Castroviejo Cyclodialysis Spatula 13 cm - 5" Width 0.5 mm Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
FR-700-01	Graefe Eye Dressing Forcep 10 cm - 4" Stainless Steel	1
FR-700-02	Graefe Eye Dressing Forcep 10 cm - 4" Stainless Steel	1
FR-702-01	Graefe Dissecting Forcep 1 x 2 Teeth 10 cm - 4" Stainless Steel	1
FR-702-02	Graefe Dissecting Forcep 1 x 2 Teeth 10 cm - 4" Stainless Steel	1
FR-772-01	Graefe Fixation Forcep Without Lock 11 cm - 4 1/4" Stainless Steel	1
FR-750-03	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.3 mm Stainless Steel	1
FR-859-11	Arruga Capsule Forcep 11 cm - 4 1/4" Stainless Steel	1
FR-918-09	Desmarres Chalazion Forcep Large - Oval Jaws 9 cm - 3 1/2" Jaw Size 20 x 13 mm Stainless Steel	1
SS-453-11	Stevens Tenotomy Scissor Curved - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-653-01	Castroviejo Corneoscleral Scissor Right - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-653-02	Castroviejo Corneoscleral Scissor Left - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-630-12	Noyes Iris Scissor Straight - Sharp/Sharp 12.5 cm - 5" Stainless Steel	1
SS-631-12	Noyes Iris Scissor Curved - Sharp/Sharp 12.5 cm - 5" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
SU-222-14 M	Castroviejo Micro Needle Holder Straight - Standard - With Lock 14 cm - 5 1/2" Stainless Steel	1
OP-180-02	Scleral Shield Large (Pair) Blade Width 22 x 30 mm Stainless Steel	2
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Planned Extra-Capsular Cataract Extraction

Codes	Description	Quantity
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
AF-761-05	Jones Towel Clamp Sharp 5.5 cm - 2 1/4" Stainless Steel	2
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	1
AF-062-03	Dieffenbach Bulldog Clamp Straight 3.5 cm - 1 1/2" Stainless Steel	1
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
OP-010-15	Barraquer Wire Speculum Standard Wire Blade Size 15 mm Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	2
SL-210-69 A	Micro Scalpel Blade No. 69A Pack of 25	1
OP-232-15	Disposable Stab Knife Straight 15 Degree Cutting Edge Box of 6	1
OP-320-01	Diamond Step Knife With Adjustable Cutting Depth of 0/0.3/0.4/0.5/0.6/0.8/1.0/2.5 mm Single 45° Cutting Edge 12 cm - 4 3/4" Width 1.0 mm Titanium Handle	1
OP-865-13	Fine-Thronton Swivel Fixation Ring With Swivel Handle 12 cm - 4 3/4" Tip Diameter 13 mm Stainless Steel	1
SS-651-01	Castroviejo Corneoscleral Scissor Right - Small Blades 10.5 cm - 4" Stainless Steel	1
SS-651-02	Castroviejo Corneoscleral Scissor Left - Small Blades 10.5 cm - 4" Stainless Steel	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
SS-695-08	Vannas Capsulotomy Scissor Curved - Sharp Tips 8 cm - 3 1/4 Blade Size 5 mm Stainless Steel	1
SS-713-11	Stern-Gills Micro Scissor Angled Forward - Sharp Tips - Extra Thin 11 cm - 4 1/2" Blade Size 10 mm Stainless	1
DI-850-20	Steel Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
FR-834-12	Bonaccolto Conjunctival Forcep Longitudinal Serrated Jaws with Cross Serrations at Tips 10.5 cm - 4" Tip Width 1.2 mm Stainless Steel	1
FR-718-07	Harms-Colibri Corneal Forcep Very Delicate 1 x 2 Teeth with Tying Platform 7.5 cm - 3 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-732-10	Bonn Corneal Forcep Very Delicate 1 x 2 Teeth with Tying Platform 10 cm - 4" Tip Size 0.12 mm Stainless Steel	1
FR-760-08	Bishop-Harmon Iris Forcep Standard 1 x 2 Teeth 8.5 cm - 3 1/4" Stainless Steel	1
FR-780-10	McPherson Suture Tying Forcep Straight - With Tying Platform 10 cm - 4" Jaws Length 5 mm Stainless Steel	1
FR-781-10	McPherson Suture Tying Forcep Angled - With Tying Platform 10 cm - 4" Jaws Length 5 mm Stainless Steel	1
FR-784-10	Kelman- McPherson Suture Tying Forcep Angled-With Tying Platform 10 cm - 4" Jaws Length 7.5 mm Stainless Steel	1
FR-801-10	Utrata Capsulorrhexis Forcep Very Delicate Triangular Grasping Tips - Extremely Thin 10.5 cm - 4" Shanks Length 11 mm Stainless Steel	1
OP-677-11	Nagahara Nucleus Chopper And Spatula 11 cm - 4 1/4" Stainless Steel	1
OP-826-04	Sinskey II Lens Manipulating Hook Angled 11.5 cm - 4 1/2" Tip Diameter 0.2 mm Stainless Steel	1
OP-827-02	Kuglen Iris Hook and Lens Manipulator Push Pull Modle - Angled 11.5 cm - 4 1/2" Stainless Steel	1
OP-635-02	Barraquer Iris Spatula Round - Smooth 12 cm - 4 3/4" Width 0.5 mm Stainless Steel	2
SU-311-11 M	Barraquer Micro Needle Holder Curved - Delicate - Round Handle 11.5 cm - 4 1/2" Stainless Steel	1
SU-213-14 M	Castroviejo Micro Needle Holder Curved - Delicate - With Lock 14 cm - 5 1/2" Stainless Steel	1
OP-750-02	Lewis Lens Loop Large 14 cm - 5 1/2" Stainless Steel	1
OP-765-10	Alfonso Nucleus Trisector For Use With Ref:- OP-775-02 10.5 cm - 4 1/4" Width 1.5 mm Stainless Steel	1
OP-775-02	Alfonso Cutting Platform 12.5 cm - 5" Width 2 mm Stainless Steel	1
FR-869-10	Alfonso Nucleas Grasping Forcep With Two Short Rows of Delicate Interlocking Teeth 10.5 cm - 4" Stainless Steel	1
OP-542-25	Alfonso Nucleus Irrigating Spoon 2.5 mm Wide Stainless Steel	1
OP-542-40	Alfonso Nucleus Irrigating Spoon 4.0 mm Wide Stainless Steel	1
OP-519-30	Gimbel Cortex Aspirating Cannula End Opening Gauge 30 Stainless Steel	1
OP-421-27	Air Injection Cannula Angled at 5 mm Gauge 27 Stainless Steel	1
OP-517-26	McIntyre Anterior Chamber Cannula Angled Gauge 26 Stainless Steel	1
OP-467-23	Jansen Capsule Polisher Cannula 23 Gauge Stainless Steel	1
OP-451-23	Simcoe Irrigation Aspirating Cannula Original Modle Gauge 23 Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Corneal Graft Surgery Set

Codes	Description	Quantity
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
AF-761-05	Jones Towel Clamp Sharp 5.5 cm - 2 1/4" Stainless Steel	1
OP-100-00	Flieringa Scleral Fixation Ring Set of 9 Ref:- OP-100-14 to OP-100-22 Stainless Steel	1
OP-111-16	McNeill-Goldman Scleral Fixation Ring & Blepharostat Medium, I.D Blade Size 16 mm Stainless Steel	1
OP-010-15	Barraquer Wire Speculum Standard Wire Blade Size 15 mm Stainless Steel	1
OP-087-1	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	2
AF-062-03	Dieffenbach Bulldog Clamp Straight 3.5 cm - 1 1/2" Stainless Steel	2
SS-659-01	Troutman-Katzin Corneal Transplant Scissor Right - Strongly Curved - Small Blades - With Lock 10.5 cm - 4"	1
SS-659-02	Troutman-Katzin Corneal Transplant Scissor Left - Strongly Curved - Small Blades - With Lock 10.5 cm - 4"	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-685-11	Jaffe Stitch Scissor Curved - Very Sharp Pointed Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
OP-685-11	Rosen Phaco Splitter Angled 60° - Wedge Shaped 11.5 cm - 4 1/2" Stainless Steel	1
OP-400-06	Corneal Trephine Blade Diameter 7.5 mm Stainless Steel	1
OP-400-08	Corneal Trephine Blade Diameter 8.0 mm Stainless Steel	1
OP-401-06	Corneal Trephine Handle Diameter 7.5 mm Stainless Steel	1
OP-401-08	Corneal Trephine Handle Diameter 8.0 mm Stainless Steel	1
FR-720-07	Colibri Corneal Forcep Standard 1 x 2 Teeth with Tying Platform 7.5 cm - 3 1/4" Tip Size 0.4 mm Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-750-03	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.3 mm Stainless Steel	1
FR-718-07	Harms-Colibri Corneal Forcep Very Delicate 1 x 2 Teeth with Tying Platform 7.5 cm - 3 1/4" Tip Size 0.12 mm	1
FR-816-10	Tennant Suture Tying Forcep Straight - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
FR-817-10	Tennant Suture Tying Forcep Curved - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
OP-793-14	Paton Spatula & Spoon For Corneal Button Transfer 14 cm - 5 1/2" Stainless Steel	1
SU-323-13 M	Barraquer Micro Needle Holder Curved - Very Delicate - Round Handle - With Lock 13 cm - 5" Stainless Steel	1
SU-213-14 M	Castroviejo Micro Needle Holder Curved - Delicate - With Lock 14 cm - 5 1/2" Stainless Steel	1
OP-421-30	Air Injection Cannula Angled at 5 mm Gauge 30 Stainless Steel	1
OP-517-26	McIntyre Anterior Chamber Cannula Angled Gauge 26 Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Phacoemulsification Cataract Extraction Set

Codes	Description	Quantity
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	2
OP-030-15	Kartz-Barraquer Wire Speculum With Open Blades - Standard Wire Blade Size 15 mm Stainless Steel	1
OP-316-03	Diamond Knife Tri-Facet Cutting Edge 12.5 cm - 5" Width 1.0 mm Titanium Handle	1
OP-341-28	Diamond Phaco Knife Angled - Spear Shaped 13 cm - 5" Blade Width 2.8 mm Titanium Handle	1
OP-230-02	Disposable Crescent Knife Angled Box of Six	1
OP-232-15	Disposable Stab Knife Straight 15 Degree Cutting Edge Box of 6	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	2
AF-761-05	Jones Towel Clamp Sharp 5.5 cm - 2 1/4" Stainless Steel	2
OP-659-02	Chang Pahco Chopper Left Hand 13 cm - 5" Tip Length 0.9 mm Stainless Steel	1
OP-532-27	Chang Hydrodissection Cannula Flat Tip With Bevelled Opening 27 Gauge Stainless Steel	1
OP-683-11	Rosen Phaco Splitter Wedge Shaped 11.5 cm - 4 1/2" Stainless Steel	1
OP-827-02	Kuglen Iris Hook and Lens Manipulator Push Pull Modle - Angled 11.5 cm - 4 1/2" Stainless Steel	1
OP-689-02	Jaffe-Bechert Nucleus Rotator Blunt Forked Tip - Angled At 9 mm 11.5 cm - 4 1/2" Stainless Steel	1
OP-729-12	Lester IOL Manipulator Angled 12 cm - 4 3/4" Tip Diameter 0.25 mm Stainless Steel	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
SS-713-11	Stern-Gills Micro Scissor Angled Forward - Sharp Tips - Extra Thin 11 cm - 4 1/2" Blade Size 10 mm	1
FR-716-07	Colibri Corneal Forcep Very Delicate 1 x 2 Teeth 7.5 cm - 3 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-724-10	Fechtner Conjunctival Forcep Very Delicate Ring Shaped Tips with Tying Platform 10.5 cm - 4" Stainless Steel	1
FR-816-10	Tennant Suture Tying Forcep Straight - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
FR-817-10	Tennant Suture Tying Forcep Curved - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
FR-801-10	Utrata Capsulorrhexis Forcep Very Delicate Triangular Grasping Tips - Extremely Thin 10.5 cm - 4" Shanks Length 11 mm Stainless Steel	1
FR-784-10	Kelman-McPherson Suture Tying Forcep Angled - With Tying Platform 10 cm - 4" Jaws Length 7.5 mm	1
FR-885-10	Livernois-McDonald IOL Inserting Forcep Concave Jaws 10.5 cm - 4" Jaws Length 5 mm Stainless Steel	1
FR-877-10	Livernois IOL Folding Forcep Concave Jaw Surfaces - For Soft IOLs 10.5 cm - 4" Stainless Steel	1
SU-313-11 M	Barraquer Micro Needle Holder Curved - Delicate - Round Handle - With Lock 11.5 cm - 4 1/2" Stainless Steel	1
FR-863-11	Ernest Nucleus Cracker Extra Delicate Cross Action Serrated Paddle Tips 11 cm - 4 1/4" Stainless Steel	2
OP-451-23	Simcoe Irrigation Aspirating Cannula Original Modle Gauge 23 Stainless Steel	1
OP-475-25	Hydrodissection Cannula Angled at 8 mm - Flat Tip Gauge 25 Stainless Steel	1
OP-421-27	Air Injection Cannula Angled at 5 mm Gauge 27 Stainless Steel	1
OP-467-23	Jansen Capsule Polisher Cannula 23 Gauge Stainless Steel	1
OP-441-19	Stevens Sub Tenon's Anesthesia Cannula Gently Curved - Flat Tip Gauge 19 Stainless Steel	1
OP-865-13	Fine-Thronton Swivel Fixation Ring With Swivel Handle 12 cm - 4 3/4" Tip Diameter 13 mm Stainless Steel	1
OP-465-23	McIntyre Cystotome Gauge 23 Stainless Steel	1
SS-695-08	Vannas Capsulotomy Scissor Curved - Sharp Tips 8 cm - 3 1/4 Blade Size 5 mm Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Phacofracture Cataract Extraction Set

Codes	Description	Quantity
OP-085-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-69 A	Micro Scalpel Blade No. 69A Pack of 25	1
OP-232-15	Disposable Stab Knife Straight 15 Degree Cutting Edge Box of 6	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
FR-801-10	Utrata Capsulorrhexis Forcep Very Delicate Triangular Grasping Tips - Extremely Thin 10.5 cm - 4" Shanks Length 11 mm Stainless Steel	1
OP-827-02	Kuglen Iris Hook and Lens Manipulator Push Pull Modle - Angled 11.5 cm - 4 1/2" Stainless Steel	1
OP-775-02	Alfonso Cutting Platform 12.5 cm - 5" Width 2 mm Stainless Steel	1
OP-775-03	Alfonso Cutting Platform 12.5 cm - 5" Width 3 mm Stainless Steel	1
OP-765-10	Alfonso Nucleus Trisector For Use With Ref:- OP-775-02 10.5 cm - 4 1/4" Width 1.5 mm Stainless Steel	1
OP-767-10	Bucher-Kansas Nucleus Trisector For Use With Ref:- OP-775-03 10.5 cm - 4 1/4" Width 2.5 mm Stainless Steel	1
OP-771-11	Kansas Nucleus Bisector 11.5 cm - 4 1/2" Stainless Steel	1
FR-869-10	Alfonso Nucleas Grasping Forcep With Two Short Rows of Delicate Interlocking Teeth 10.5 cm - 4" Stainless Steel	1
OP-542-25	Alfonso Nucleus Irrigating Spoon 2.5 mm Wide Stainless Steel	1
OP-542-40	Alfonso Nucleus Irrigating Spoon 4.0 mm Wide Stainless Steel	1
OP-421-27	Air Injection Cannula Angled at 5 mm Gauge 27 Stainless Steel	1
OP-525-21	Simcoe Cortex Extractor Smooth Closed Tip - 21 mm Long Gauge 21 Stainless Steel	1
FR-875-11	Dodick IOL Folding Forcep For Soft IOLs 11 cm - 4 1/4" Stainless Steel	1
FR-889-10	Buratto Soft IOL Inserting Forcep Extra Delicate Highly Polished Convex Jaws 10 cm - 4" Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Glaucoma (Optic Nerve Repair) Surgery Set

Codes	Description	Quantity
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
AF-761-05	Jones Towel Clamp Sharp 5.5 cm - 2 1/4" Stainless Steel	1
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	1
OP-064-15	Murdoch Eye Speculum Blade Size 15 mm Stainless Steel	1
OP-010-15	Barraquer Wire Speculum Standard Wire Blade Size 15 mm Stainless Steel	1
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless	1
SS-675-11	SteelWestcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-647-07	Barraquer Iris Scissor Angled 5.5 cm - 2 1/4" Blade Size 7 mm Stainless Steel	1
SS-707-10	Gills-Vannas Micro Scissor Curved - Sharp Tips - Extra Thin 10.5 cm - 4" Blade Size 7 mm Stainless Steel	1
SS-681-11	McPherson-Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Small Blades 11 cm - 4 1/2" Stainless Steel	1
FR-724-10	Fechtner Conjunctival Forcep Very Delicate Ring Shaped Tips with Tying Platform 10.5 cm - 4" Stainless Steel	2
FR-716-07	Colibri Corneal Forcep Very Delicate 1 x 2 Teeth 7.5 cm - 3 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-760-08	Bishop-Harmon Iris Forcep Standard 1 x 2 Teeth 8.5 cm - 3 1/4" Stainless Steel	1
OP-919-09	Fechtner Trabeclectomy Marker 9 cm - 3 1/2" Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	2
OP-230-02	Disposable Crescent Knife Angled Box of Six	1
SL-210-69 A	Micro Scalpel Blade No. 69A Pack of 25	1
OP-232-15	Disposable Stab Knife Straight 15 Degree Cutting Edge Box of 6	1
OP-395-00	Luntz-Dodick Trabeclectomy Punch Complete With Punch Ref:- OP-455-01 Diameter - Deep Bite 1.0 mm - 0.5 mm Stainless Steel	1
OP-397-00	Kelly Descemet's Membrance Punch Diameter - Deep Bite 1.0 mm - 0.5 mm Stainless Steel	1
OP-587-13	Blumenthal Conjunctiva Dissector With Blunt Disc Shaped Tip 13 cm - 5" Stainless Steel	1

Glaucoma (Optic Nerve Repair) Surgery Set

Codes	Description	Quantity
SU-321-13 M	Barraquer Micro Needle Holder Curved - Very Delicate - Round Handle 13 cm - 5" Stainless Steel	1
OP-421-27	Air Injection Cannula Angled at 5 mm Gauge 27 Stainless Steel	1
OP-941-01	Harms Trabeculotomy Probe Right 5 cm - 2" Stainless Steel	1
OP-941-02	Harms Trabeculotomy Probe Left 5 cm - 2" Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

LASIK Set

Codes	Description	Quantity
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
OP-083-15 A	Lieberman Eye Speculum (Aspirating) With Adjustable Opening Blade Size 15 mm Stainless Steel	1
OP-591-12	Buratto Lasik Flap Protector 12.5 cm - 5" Stainless Steel	1
OP-597-11	Mannis-Buratto Lasik Flap Protector Blades Angled 45° 11.5 cm - 4 1/2" Stainless Steel	1
OP-713-14	Hersh Flap Spatula 14 cm - 5 1/2" Stainless Steel	1
OP-717-12	Fukasaaku Lasik Spatula 12 cm - 4 3/4" Stainless Steel	1
OP-720-13	Katzen Lasik Flap Unzipper 13.5 cm - 5 1/4" Stainless Steel	1
OP-863-11	Gimbel Stabilization Ring With Swivel Handle 11.5 cm - 4 1/2" Tip Diameter 13 mm Stainless Steel	1
OP-887-11	Chayet Corneal Marker for LASIK Surgery 11.5 cm - 4 1/2" Stainless Steel	1
FR-793-10	Buratto LASIK Flap Forcep Curved - Disc Shaped Serrated Jaws 10.5 cm - 4" Stainless Steel	1
OP-507-25	Banaji Lasik Cannula With 6 Ports Gauge 25 Stainless Steel	1
OP-495-26	Spatulated Lasik Cannula Flattened Spatulated Tip - End Opening Gauge 26 Stainless Steel	1
OP-509-23	Buratto Lasik Cannula With 3 Ports - Slightly Flattened Gauge 23 Stainless Steel	1
ST-110-03	Storing Case Plastic Single Level With Perforated Silicone Mat Size 265 x 160 x 25 mm Stainless Steel	1

LASEK Surgery Set

Codes	Description	Quantity
OP-083-15 A	Lieberman Eye Speculum (Aspirating) With Adjustable Opening Blade Size 15 mm Stainless Steel	1
OP-385-08	Camellin Lasek Trephine & Alcohol Retaining Well 12.5 cm - 5" Diameter 8 mm - 8.5 mm Stainless Steel	1
OP-385-09	Camellin Lasek Trephine & Alcohol Retaining Well 12.5 cm - 5" Diameter 9 mm - 9.5 mm Stainless Steel	1
OP-619-13	Sloane Lasek Micro Hoe & Epi Peeler 13.5 cm - 5 1/4" Stainless Steel	1
OP-627-12	Sloane Lasek Flap Repositer Gently Curved Spatulated Tip 12 cm - 4 3/4" Stainless Steel	1
OP-439-25	Lasek Alcohol Cannula Delicate Olive Shaped Tip Gauge 25 Stainless Steel	1
ST-110-03	Storing Case Plastic Single Level With Perforated Silicone Mat Size 265 x 160 x 25 mm Stainless Steel	1

Chalazion Surgery Set

Codes	Description	Quantity
OP-192-11	Jaeger Lid Plate 11 cm - 4 1/4" Stainless Steel	1
OP-550-01	Meyerhoefer Chalazion Curette Size 1 12.5 cm - 5" √ò 1.75 mm Stainless	1
OP-550-02	SteelMeyerhoefer Chalazion Curette Size 2 12.5 cm - 5" √ò 2.25 mm	1
OP-550-03	Stainless SteelMeyerhoefer Chalazion Curette Size 3 12.5 cm - 5" √ò 2.5 mm Stainless Steel	1
OP-550-04	Meyerhoefer Chalazion Curette Size 4 12.5 cm - 5" √ò 3.5 mm Stainless Steel	1
SS-441-11	Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel	1
FR-768-09	Manhattan Eye and Ear Fixation Forcep 1 x 2 Teeth with Tying Platform 9 cm - 3 1/2" Tip Size 0.3 mm Stainless Steel	1
FR-912-12	Hunt Chalazion Forcep Round Jaws 9.5 cm - 3 3/4" Jaw √ò 12 mm Stainless Steel	1
FR-916-09	Francis Chalazion Forcep Medium - Oval Jaws 9.5 cm - 3 3/4" Jaw Size 14 x 11 mm Stainless Steel	1
SU-211-14 M	Castroviejo Micro Needle Holder Curved - Delicate 14 cm - 5 1/2" Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-67	Micro Scalpel Blade No. 67 Pack of 25	1
ST-110-03	Storing Case Plastic Single Level With Perforated Silicone Mat Size 265 x 160 x 25 mm Stainless Steel	1

Strabismus / Squint Surgery Set

Codes	Description	Quantity
OP-087-10	Description of ProductLieberman Eye Speculum Adjustable - Solid Blades Blade Size 10 mm	1
OP-087-15	Stainless SteelLieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
AF-141-10	Hartmann Haemostatic Forcep Curved 9.5 cm - 3 3/4" Stainless Steel	2
AF-062-03	Dieffenbach Bulldog Clamp Straight 3.5 cm - 1 1/2" Stainless Steel	2
OP-211-07	Helveston Tissue Retractor Thin Curved Blade 12.5 cm - 5" Blade Width 7 mm Stainless Steel	1
OP-211-09	Helveston Tissue Retractor Thin Curved Blade 12.5 cm - 5" Blade Width 9 mm Stainless Steel	1
OP-211-11	Helveston Tissue Retractor Thin Curved Blade 6.5 cm - 2 1/2" Blade Width 11 mm Stainless Steel	2
OP-873-12	Helveston Teaser Hook Extra Delicate - Blunt 12.5 cm - 5" Stainless Steel	2
OP-877-01	Helveston Finder Hook Large 12.5 cm - 5" Stainless Steel	1
OP-877-02	Helveston Finder Hook Small 12 cm - 4 3/4" Stainless Steel	1
OP-879-01	Helveston Muscle Hook Fig. 1 13 cm - 5" Tip Length 8 mm Stainless Steel	1
OP-879-02	Helveston Muscle Hook Fig. 2 13 cm - 5" Tip Length 10 mm Stainless Steel	1
OP-879-03	Helveston Muscle Hook Fig. 3 13 cm - 5" Tip Length 12 mm Stainless Steel	1
OP-930-12	Helveston Scleral Ruler 15 mm Long in Notches in 5 mm increments 12 cm - 4 3/4" Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
FR-732-10	Bonn Corneal Forcep Very Delicate 1 x 2 Teeth with Tying Platform 10 cm - 4" Tip Size 0.12 mm Stainless Steel	1
FR-777-01	Moody Fixation Forcep Curved Right 11 cm - 4 1/4" Stainless Steel	1
FR-777-02	Moody Fixation Forcep Curved Left 11 cm - 4 1/4" Stainless Steel	1
FR-776-02	Lester Fixation Forcep Angled - 2 x 3 Teeth 9.5 cm - 3 3/4" Stainless Steel	3
FR-824-10	Helveston Suture Tying Forcep Straight 10.5 cm - 4" Stainless Steel	1
OP-881-02	Jameson Muscle Hook Large 13.5 cm - 5 1/4" Stainless Steel	1
SU-222-14 M	Castroviejo Micro Needle Holder Straight - Standard - With Lock 14 cm - 5 1/2" Stainless Steel	1
SU-323-13 M	Barraquer Micro Needle Holder Curved - Very Delicate - Round Handle - With Lock 13 cm - 5" Stainless Steel	1
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-69	Micro Scalpel Blade No. 69 Pack of 25	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Lacrimal (Dacryocystorhinostomy) Surgery Set

Codes	Description	Quantity
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel	2
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel	2
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" StainlessSteel	2
RH-305-03	Kerrison Sphenoid Punch Up Cutting 14 cm - 5 1/2" Bite size 3.0 x 3.0 mm Stainless Steel	2
RH-033-03	Hartmann-Halle Nasal Speculum Fig. 3 15.5 cm - 6" Blade Length 35 mm Stainless Steel	1
OR-937-16	Mead Bone Rongeur 16.5 cm - 6 1/2" Stainless Steel	1
OR-470-19	Cottle Bone Mallet Plain - Convex 19 cm - 7 1/2" Head √ò 30.0 mm - Weight 300 Grams Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-65	Micro Scalpel Blade No. 65 Pack of 25	1
OP-220-00	Stevenson Lacrimal Sac Retractor 3 x 3 Blunt Pronges - Adjustable Stainless Steel	1
OP-410-23	Lacrimal Cannula Straight Gauge 23 Stainless Steel	1
OP-411-23	Lacrimal Cannula Curved Gauge 23 Stainless Steel	1
OP-950-14	Castroviejo Lacrimal Dilator Double Ended Fine and Meadium Taper 14 cm - 5 1/2" Stainless Steel	1
RH-475-18	Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel	1
RH-604-16	West Septum Chisel 16 cm - 6 1/4" Stainless Steel	1
RH-601-16	Freer Septum Chisel Curved 16 cm - 6 1/4" Blade Width 4.0 mm Stainless Steel	1
OP-953-14	Worst Pigtail Probe With Hook 16 cm - 6 1/4" Stainless Steel	1
OP-956-14	Crawford Retrieval Hook 14.5 cm - 5 3/4" Stainless Steel	1
OP-960-00	Crawford Lacrimal Intubation Set Including 30.5 cm - 12" Silicone Tube and Two Olive Tip Probes √ò 0.6 mm Stainless Steel	1
PR-200-00	Bowman Probes Complete Set of 6 Stainless Steel	1
FR-846-10	Gold Punctal Plug Forcep With Longitudinal Groove - Pointed Tips 11 cm - 4 1/4" Stainless Steel	1
FR-700-01	Graefe Eye Dressing Forcep 10 cm - 4" Stainless Steel	1
FR-766-09	Sauer Fixation Forcep 1 x 2 Teeth 9 cm - 3 1/2" Tip Size 0.3 mm Stainless Steel	1
FR-834-12	Bonaccolto Conjunctival Forcep Longitudinal Serrated Jaws with Cross Serrations at Tips 10.5 cm - 4" Tip Width 1.2 mm Stainless Steel	1
FR-750-03	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.3 mm Stainless Steel	1
RT-068-13	Knapp Fine Wound Retractor 4 Blunt Prongs 13.5 cm - 5 1/4" Stainless Steel	1
SS-453-11	Stevens Tenotomy Scissor Curved - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
SU-213-14 M	Castroviejo Micro Needle Holder Curved - Delicate - With Lock 14 cm - 5 1/2" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
SS-679-11	Tibolt Punctal Scissor One Conically Shaped Blade with Micro Grooves and Textured Surface 11.5 cm - 4 1/2" Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Enucleation / Evisecretion Set

Codes	Description	Quantity
OP-078-00	Lester-Burch Eye Speculum Adjustable Stainless Steel	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel	1
OP-802-15	Wells Enucleation Spoon 15 cm - 6" Stainless Steel	1
SS-469-11	Enucleation Scissor Curved 11.5 cm - 4 1/2" Stainless Steel	1
OP-800-01	Bunge Evisceration Spoon Small 13.5 cm - 5 1/4" Stainless Steel	1
OP-800-02	Bunge Evisceration Spoon Large 14 cm - 5 1/2" Stainless Steel	1
RT-048-02	Graefe Nerve Hook Fig. 2 14 cm - 5 1/2" Stainless Steel	1
SS-452-11	Stevens Tenotomy Scissor Straight - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
FR-702-01	Graefe Dissecting Forcep 1 x 2 Teeth 10 cm - 4" Stainless Steel	1
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel	1
ST-110-03	Storing Case Plastic Single Level With Perforated Silicone Mat Size 265 x 160 x 25 mm Stainless Steel	1

Pterygium Excision Set

Codes	Description	Quantity
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-64	Micro Scalpel Blade No. 64 Pack of 25	1
OP-076-16	Lancaster Eye Speculum Adjustable Blade Size 16 mm Stainless Steel	1
FR-780-10	McPherson Suture Tying Forcep Straight - With Tying Platform 10 cm - 4" Jaws Length 5 mm Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
OP-260-12	Gill Corneal Knife Curved Cutting Edge - Straight 12.5 cm - 5" Stainless Steel	1
SU-211-14 M	Castroviejo Micro Needle Holder Curved - Delicate 14 cm - 5 1/2" Stainless Steel	1
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
SS-430-10	Iris Scissor Straight 10 cm - 4" Stainless Steel	1
FR-834-12	Bonaccolto Conjunctival Forcep Longitudinal Serrated Jaws with Cross Serrations at Tips 10.5 cm - 4" Tip Width 1.2 mm Stainless Steel	1
FR-776-02	Lester Fixation Forcep Angled - 2 x 3 Teeth 9.5 cm - 3 3/4" Stainless Steel	1
ST-110-03	Storing Case Plastic Single Level With Perforated Silicone Mat Size 265 x 160 x 25 mm Stainless Steel	1

Scleral Buckling (Retinal Detachment) Set

Codes	Description	Quantity
OP-010-15	Barraquer Wire Speculum Standard Wire Blade Size 15 mm Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
OP-160-14	Schocket Scleral Depressor Double End With Pocket Clip 14 cm - 5 1/2" Stainless Steel	1
FR-760-08	Bishop-Harmon Iris Forcep Standard 1 x 2 Teeth 8.5 cm - 3 1/4" Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-700-01	Graefe Eye Dressing Forcep 10 cm - 4" Stainless Steel	1
FR-781-10	McPherson Suture Tying Forcep Angled - With Tying Platform 10 cm - 4" Jaws Length 5 mm Stainless Steel	1
FR-716-07	Colibri Corneal Forcep Very Delicate 1 x 2 Teeth 7.5 cm - 3 1/4" Tip Size 0.12 mm Stainless Steel	1
OP-881-01	Jameson Muscle Hook Small 13 cm - 5" Stainless Steel	1
SU-323-13 M	Barraquer Micro Needle Holder Curved - Very Delicate - Round Handle - With Lock 14 cm - 5 1/2" Stainless Steel	1
SU-222-14 M	Castroviejo Micro Needle Holder Straight - Standard - With Lock 14 cm - 5 1/2" Stainless Steel	1
DI-880-15	Ruler Graduated in mm and inches 16.5 cm - 6 1/2" Measuring Range 150 mm Stainless Steel	1
SS-441-11	Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel	1
SS-453-11	Stevens Tenotomy Scissor Curved - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
AF-062-03	Dieffenbach Bulldog Clamp Straight 3.5 cm - 1 1/2" Stainless Steel	2
OP-750-01	Lewis Lens Loop Small 13 cm - 5" Stainless Steel	1
FR-750-03	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.3 mm Stainless Steel	1
FR-750-05	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.5 mm Stainless Steel	1
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel	2
FR-903-01	Jameson Muscle Forcep Right - With Slide Lock 6 Teeth - Adult Size 10 cm - 4" Stainless Steel	1
FR-903-02	Jameson Muscle Forcep Left - With Slide Lock 6 Teeth - Adult Size 10 cm - 4" Stainless Steel	1
	Kelman-McPherson Suture Tying Forcep Angled - With Tying Platform 10 cm - 4" Jaws	1
FR-784-10	Length 7.5 mm Stainless Steel	
FR-702-01	Graefe Dissecting Forcep 1 x 2 Teeth 10 cm - 4" Stainless Steel	1
FR-840-10	Nugent Utility Forcep Smooth Jaws 10.5 cm - 4" Stainless Steel	1
AF-755-09	Schaedel Towel Clamp Sharp 9 cm - 3 1/2" Stainless Steel	2
OP-875-13	Gass Retinal Detachment Hook With Oval Hole 13 cm - 5" Stainless Steel	1
OP-883-13	Green Muscle Hook 13 cm - 5" Stainless Steel	1
OP-849-01	Twist Hook Right 11 cm - 4 1/4" Stainless Steel	1
SU-323-13 M	Barraquer Micro Needle Holder Curved - Very Delicate - Round Handle - With Lock 14 cm - 5 1/2" Stainless Steel	1
OP-171-15	Schepens Orbital Retractor 15 cm - 6" Stainless Steel	1
SS-643-11	Wecker Iris Scissor Angled - Sharp/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
OP-230-02	Disposable Crescent Knife Angled Box of Six	1
OP-232-15	Disposable Stab Knife Straight 15 Degree Cutting Edge Box of 6	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Blepharoplasty Set (Eyelid Surgery Set)

Codes	Description	Quantity
DI-880-15	Ruler Graduated in mm and inches 16.5 cm - 6 1/2" Measuring Range 150 mm Stainless Steel	1
SL-012-03	Scalpel Handle No. 3 Solid, cm-Graduation 12 cm - 4 3/4" Stainless Steel	1
SS-440-11 SC	SuperEdge Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
SS-441-11 SC	SuperEdge¬ô Iris Scissor Curved 11.5 cm - 4 1/2" Stainless Steel	1
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel	2
AF-161-12	Halsted-Mosquito Haemostatic Forcep Curved 12 cm - 4 3/4" Stainless Steel	2
SU-222-14 M	Castroviejo Micro Needle Holder Straight - Standard - With Lock 14 cm - 5 1/2" Stainless Steel	2
SS-243-12	Kilner Dissecting Scissor Curved 12 cm - 4 3/4" Stainless Steel	1
RT-074-02	Joseph Mucosa Hook 16.5 cm - 6 1/2" Width 2.0 mm Stainless Steel	2
AF-773-08	Backhaus Towel Clamp 9 cm - 3 1/2" Stainless Steel	4
FR-250-12	Adson Dissecting Forcep 1 x 2 Teeth 12 cm - 4 3/4" Stainless Steel	1
RT-120-14	Desmarres Lid Retractor 16 cm - 6 1/4" Blade Width 14.0 mm Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
FR-760-08	Bishop-Harmon Iris Forcep Standard 1 x 2 Teeth 8.5 cm - 3 1/4" Stainless Steel	1
ST-110-02	Storing Case Plastic Single Level With Perforated Silicone Mat Size 200 x 110 x 25 mm Stainless Steel	1

Ocuplasty Set (Eyelid Surgery Set)

Codes	Description	Quantity
OP-078-00	Lester-Burch Eye Speculum Adjustable Stainless Steel	1
OP-171-15	Schepens Orbital Retractor 15 cm - 6" Stainless Steel	1
OP-175-15	Desmarres Lid Retractor Thin Solid Blades - Size 2 13 cm - 5" Blade Width 15 mm Stainless Steel	1
OP-180-02	Scleral Shield Large (Pair) Blade Width 22 x 30 mm Stainless Steel	1
OP-192-11	Jaeger Lid Plate 11 cm - 4 1/4" Stainless Steel	1
OP-197-14	Wright Fascia Needle Oval Hole 14 cm - 5 1/2" Width - Length 1 x 6 mm Stainless Steel	1
RT-068-13	Knapp Fine Wound Retractor 4 Blunt Prongs 13.5 cm - 5 1/4" Stainless Steel	1
OP-550-03	Meyerhoefer Chalazion Curette Size 3 12.5 cm - 5" √ò 2.5 mm Stainless Steel	1
OP-800-02	Bunge Evisceration Spoon Large 14 cm - 5 1/2" Stainless Steel	1
OP-845-02	Fixation Hook Large (Sharp) 13 cm - 5" Stainless Steel	1
RT-048-02	Graefe Nerve Hook Fig. 2 14 cm - 5 1/2" Stainless Steel	1
DI-880-15	Ruler Graduated in mm and inches 16.5 cm - 6 1/2" Measuring Range 150 mm Stainless Steel	1
SS-452-11	Stevens Tenotomy Scissor Straight - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-469-11	Enucleation Scissor Curved 11.5 cm - 4 1/2" Stainless Steel	1
FR-702-01	Graefe Dissecting Forcep 1 x 2 Teeth 10 cm - 4" Stainless Steel	1
FR-906-10	Putterman Mullers Muscle Conjunctival Resection Ptosis Clamp - With Side Lock 10.5 cm - 4" Stainless Steel	1
FR-916-09	Francis Chalazion Forcep Medium - Oval Jaws 9.5 cm - 3 3/4" Jaw Size 14 x 11 mm Stainless Steel	1
FR-910-09	Downes Lid Clamp 9.5 cm - 3 3/4" Stainless Steel	1
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	1
SU-222-14 M	Castroviejo Micro Needle Holder Straight - Standard - With Lock 14 cm - 5 1/2" Stainless Steel	1
RH-475-18	Freer Septum Elevator Double Ended - Sharp/Blunt 18.5 cm - 7 1/4" Blade Size 1 - Blade Size 2 5.0 mm - 5.0 mm Stainless Steel	1
RH-604-16	West Septum Chisel 16 cm - 6 1/4" Stainless Steel	1
OP-948-02	Wilder Lacrimal Dilator Medium Taper - Size 2 10.5 cm - 4 1/4" Stainless Steel	1
PR-204-34	Bowman Probe Fig. 3/4 13 cm - 5" Tip Diameter 1.3 mm - 1.4 mm Stainless Steel	1
OP-953-14	Worst Pigtail Probe With Hook 16 cm - 6 1/4" Stainless Steel	1
SL-012-03	Scalpel Handle No. 3 Solid, cm-Graduation 12 cm - 4 3/4" Stainless Steel	1
SL-100-11	Scalpel Blade No. 11 Pack of 100	1
SL-100-13	Scalpel Blade No. 13 Pack of 100	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

23 G Vitreoretinal Set

Codes	Description	Quantity
OP-091-16	Description of ProductCastroviejo Eye Speculum Adjustable Mechanism Blade Size 16 mm Stainless Steel	1
AF-062-03	Dieffenbach Bulldog Clamp Straight 3.5 cm - 1 1/2" Stainless Steel	4
AF-160-12	Halsted-Mosquito Haemostatic Forcep Straight 12.5 cm - 5" Stainless Steel	2
SS-440-11	Iris Scissor Straight 11.5 cm - 4 1/2" Stainless Steel	1
OP-471-19	Bishop-Harmon Anterior Chamber Irrigator Gauge 19 Stainless Steel	1
SS-452-11	Stevens Tenotomy Scissor Straight - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-453-11	Stevens Tenotomy Scissor Curved - Blunt/Blunt 11 cm - 4 1/2" Stainless Steel	1
SS-675-11	Westcott Tenotomy Scissor Curved - Blunt Tips - Medium Blades 11 cm - 4 1/2" Stainless Steel	1
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
SL-206-13	Scalpel Handle For Micro Scalpel Blades 13 cm - 5" Stainless Steel	1
SL-210-64	Micro Scalpel Blade No. 64 Pack of 25	1
OP-234-19	Disposable MVR Knife Straight 19 Ga Box of 6	1
OP-171-15	Schepens Orbital Retractor 15 cm - 6" Stainless Steel	1
RT-048-02	Graefe Nerve Hook Fig. 2 14 cm - 5 1/2" Stainless Steel	1
OP-875-13	Gass Retinal Detachment Hook With Oval Hole 13 cm - 5" Stainless Steel	1
OP-160-14	Schocket Scleral Depressor Double End With Pocket Clip 14 cm - 5 1/2" Stainless Steel	1
DI-850-20	Castroviejo Caliper Straight 8 cm - 3" Measuring Range 20 mm Stainless Steel	1
OP-151-01	Gass Scleral Marker Tip Diameter 1.5 mm Stainless Steel	1
FR-907-11	Watzke Sleeve Spreading Forcep 11.5 cm - 4 1/2" Jaws Length 10 mm Stainless Steel	1
FR-834-12	Bonaccolto Conjunctival Forcep Longitudinal Serrated Jaws with Cross Serrations at Tips 10.5 cm - 4" Tip Width 1.2 mm Stainless Steel	1
FR-840-10	Nugent Utility Forcep Smooth Jaws 10.5 cm - 4" Stainless Steel	1
FR-750-01	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.12 mm Stainless Steel	1
FR-750-03	Castroviejo Suture Tying Forcep 1 x 2 Teeth with Tying Platform 11 cm - 4 1/4" Tip Size 0.3 mm Stainless Steel	1
FR-760-08	Bishop-Harmon Iris Forcep Standard 1 x 2 Teeth 8.5 cm - 3 1/4" Stainless Steel	2
SU-213-14 M	Castroviejo Micro Needle Holder Curved - Delicate - With Lock 14 cm - 5 1/2" Stainless Steel	1
SU-212-14 M	Castroviejo Micro Needle Holder Straight - Delicate - With Lock 14 cm - 5 1/2" Stainless Steel	1
FR-780-10	McPherson Suture Tying Forcep Straight - With Tying Platform 10 cm - 4" Jaws Length 5 mm Stainless Steel	1
OP-211-07	Helveston Tissue Retractor Thin Curved Blade 12.5 cm - 5" Blade Width 7 mm Stainless Steel	1
OP-211-09	Helveston Tissue Retractor Thin Curved Blade 12.5 cm - 5" Blade Width 9 mm Stainless Steel	1
OP-429-22	Viscoelastic Aspirating Cannula Angled at 10 mm Gauge 22 Stainless Steel	1
OP-427-19	Randolph Cyclodialysis Cannula Flat Tip Gauge 19 Stainless Steel	1
OP-934-35	Braunstein Caliper 3.5 / 4.0 mm Stainless Steel	1
SS-721-23	Virectomy Scissor Curved - Horizontal Opening 23 G Stainless Steel	1
FR-680-23	Virectomy Forcep Straight Horizontal Opening - Serrated Tips 23 G Stainless Steel	1
FR-682-23	Virectomy Forcep Straight End Gripping Jaws Horizontal Opening Tips 23 G Stainless Steel	1
FR-689-23	Virectomy Forcep Straight Asymmetrical Jaws 23 G Stainless Steel	1
FR-690-23	ILM Virectomy Forcep Straight 23 G Stainless Steel	1
ST-112-26	Storing Case Plastic Double Level With Perforated Silicone Mat Size 265 x 160 x 50 mm Stainless Steel	1

Micro Incision Cataract Surgery (MICS) Surgery Set

Codes	Description	Quantity
OP-357-18	MICS Diamond Knife Angled Trapezoid Cutting Edge 12 cm - 4 3/4" Blade Width 1.8 to 2.2 mm Titanium Handle	1
OP-735-12	Alio-Kelman IOL Hook 12 cm - 4 3/4" Tip Diameter 0.2 mm Stainless Steel	1
SS-725-23	Alio MICS Virectomy Scissor Straight Horizontal Opening With Curved Shaft 23 G Stainless Steel	1
FR-695-23	Alio MICS Virectomy Capsulorrhexis Forcep Angled Shaft 23 G Stainless Steel	1
FR-807-11	Inamura Capsulorrhexis Forcep Delicate Tapered Shanks 11.5 cm - 4 1/2" Shanks Length 12 mm Stainless Steel	1
FR-863-11	Ernest Nucleus Cracker Extra Delicate Cross Action Serrated Paddle Tips 11 cm - 4 1/4" Stainless Steel	1
OP-549-01 T	Irrigation Handpiece For Bimanual Technique 2 x 0.5 mm (21G) Side Ports 10.5 cm - 4" Titanium	1
OP-549-02 T	Aspiration Handpiece For Bimanual Technique 2 x 0.5 mm (21G) Side Ports 10.5 cm - 4" Titanium	1
ST-110-02	Storing Case Plastic Single Level With Perforated Silicone Mat Size 200 x 110 x 25 mm Stainless Steel	1

Deep Anterior Lamellar Keratoplasty (DALK) Set

Codes	Description	Quantity
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
OP-629-01	DALK Corneal Dissector 12 mm Long Flat Vaulted Spatula With Beveled Tip 12.5 cm - 5" Stainless Steel	1
OP-629-02	Rosenwasser DALK Trisector 10 mm Long Triangular Shaft With Spatula Shaped Tip 12.5 cm - 5" Stainless Steel	1
OP-629-03	Bonfadini DALK Spatula 1.0 mm Vaulted Spatula With 8 mm Long BladeWith Central Groove 12.5 cm - 5" Stainless Steel	1
SS-649-01	Holland DALK Scissor With Inner Spatulated Blade Curved Right 10.5 cm - 4" Stainless Steel	1
SS-649-02	Holland DALK Scissor With Inner Spatulated Blade Curved Left 10.5 cm - 4" Stainless Steel	1
SS-705-08	Holland DALK Scissor Angled Blade With Blunt Tips 8 cm - 3 1/4" Stainless Steel	1
OP-417-27	DALK Air Injection Cannula Vaulted Shank With Flattened Tip Gauge 27 Stainless Steel	1
OP-419-27	Rosenwasser DALK Air Injection Cannula Flattened Cobra Shaped Tip Gauge 27 Stainless Steel	1
FR-816-10	Tennant Suture Tying Forcep Straight - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
FR-817-10	Tennant Suture Tying Forcep Curved - Round Handle with Guide Pin - Extra Delicate Smooth Jaws 10.5 cm - 4" Jaws Length 6 mm Stainless Steel	1
SU-311-11 M	Barraquer Micro Needle Holder Curved - Delicate - Round Handle 11.5 cm - 4 1/2" Stainless Steel	1

Eye Toilet & Suture Set

Codes	Description	Quantity
SS-683-11	Westcott Stitch Scissor Curved - Very Sharp Pointed Tips - Standard Blades 11.5 cm - 4 1/2" Stainless Steel	1
SU-211-14 M	Castroviejo Micro Needle Holder Curved - Delicate 14 cm - 5 1/2" Stainless Steel	1
FR-842-10	Nugent Utility Forcep Serrated Jaws 10.5 cm - 4" Stainless Steel	1
FR-720-07	Colibri Corneal Forcep Standard 1 x 2 Teeth with Tying Platform 7.5 cm - 3 1/4" Tip Size 0.4 mm Stainless Steel	1
SF-350-18	Foerster Sponge Holding Forcep Straight 18 cm - 7" Stainless Steel	1
AF-140-10	Hartmann Haemostatic Forcep Straight 10 cm - 4" Stainless Steel	1
OP-083-15	Lieberman Eye Speculum Adjustable Blade Size 15 mm Stainless Steel	1
SL-010-03	Bard-Parker Scalpel Handle No. 3 Solid 12 cm - 4 3/4" Stainless Steel	1

General Terms and Conditions of Sales

1. Definitions

"Company" means Surtex Instruments Ltd (registered in the United Kingdom under number 7035724).

"Contract" means the Order accepted by the Company and incorporating these conditions.

"Customer" means the company, firm or organisation who's Order for the Goods is accepted by the Company.

"Goods" means the goods which the Company agrees to supply in accordance with these conditions and which are identified on the Order. "Order" means the order for the purchase of the Goods submitted by the Customer.

"Goods" means the goods agreed to be provided to the customs by Surtex Instrument Ltd.

"Quotation" means the quotation by Surtex Instruments stating the price at which and the time period during which it will supply the goods to the customer.

1. Any reference to a law is a reference to it as in force for the time being taking account of any amendment, extension, application or re-enactment and includes any subordinate legislation for the time being in force made under it.

2. Where a condition provides for a list of items following the word "including" or "includes", then such list is not to be interpreted as being an exhaustive list.

2. General

2.1 Headings are purely for the ease of reference and do not form part of effect the interpretation of Conditions.

2.2 In the event of a conflict the contractual documents shall be applied in the following order:

a) the Quotation

b) the Conditions

2.3 No other terms and conditions or warrantied are to be incorporated into the Contract unless agreed expressly in writing with Surtex Instruments. In particular, the Customer's terms and conditions are expressly excluded whether provided in full, referred to in other documents and whether before or after the Contract is formed.

2.4 Surtex Instruments may update or amend these Conditions from time to time to comply with the law or to meet the changing business requirements without notice to the customer.

3. Ordering

3.1 Each Order (whether submitted by telephone, fax, post, email or electronic ordering system) shall be deemed to be an offer by the Customer to purchase the Goods pursuant to these conditions. The Company may, at its complete discretion, refuse to accept any Order. The Contract will be formed upon confirmation of acceptance of the Customer's purchase order by Surtex Instruments.

3.2 The Customer shall be responsible to the Company for ensuring the accuracy of the terms of any Order (including the description of the Goods ordered).

Samples and Free of Charge Goods

3.3 For the avoidance of doubt, where no order is placed and the Company provides Samples, to familiarize the Customer with the goods, as part of a sampling program or where the Company provides Free of Charge Goods to the Customer as part of a clinical trial or compassionate use program these conditions shall, to the extent applicable, apply to such Samples and Free of Charge Goods.

4. Prices

4.1 The price is exclusive of VAT and all other applicable taxes and duties, which the Customer shall be additionally liable to pay the Surtex Instruments.

4.2 All prices quoted are subject to change up to the date of delivery, subject to prior written notice by Surtex Instruments.

4.3 Surtex Instruments reserves the right, by giving notice to the Customer at any time before delivery, to increase the price of the Goods to reflect any increase in the cost of Surtex Instruments which is due to any factor beyond the reasonable control of Surtex Instruments.

4.4 Errors on Surtex Instruments website prices and availability of products and services are subject to change without notice errors will be corrected where discovered, and Surtex Instruments reserves the right to revoke any stated offer and to correct any errors, inaccuracies or omissions including after an order has been submitted and whether or not the order has been confirmed and your credit card charged. Surtex Instruments shall have the right to refuse or cancel any orders placed for product listed at the incorrect price. Surtex Instruments shall have the right to refuse or cancel any such orders whether or not the order has been confirmed and your credit card charged. If your credit card has already been charged for the purchase and your order is cancelled, Surtex Instruments will issue a credit to your credit card account in the amount of the charge. Individual bank policies will dictate when this amount is credited to your account. If you are not fully satisfied with your purchase, you may return it in accordance with Surtex Instruments' Return Policy.

5. Delivery

5.1 Delivery of the Goods shall be made to the delivery address specified as stated on the Pro Forma Invoice or communicated separately whichever is greater after the date of the Surtex Instruments acceptance of the Order.

5.2 Surtex Instruments reserves the right to withhold delivery of any Goods if any sum due under any contract with the Customer is overdue or if, in the reasonable opinion of Surtex Instruments, the financial standing of the Customer has been impaired for any other reason.

5.3 Time for delivery shall not be of the essence and, Surtex Instruments shall not be liable for any loss or damage whatever due to any failure by the Surtex Instruments to deliver the Goods (or any of them) promptly or at all. The customer will have no right damages or to cancel the order for any failure to meet the delivery times stated.

5.4 The delivery of the Goods may happen by separate instalments. Each separate instalment shall be invoiced and paid for in accordance with the provisions of the Contract. Each instalment shall be a separate Contract and no cancellation or termination of any one Contract relating to an instalment shall entitle the Customer to repudiate or cancel any other Contractor instalment.

5.5 The Customer shall take delivery of the Goods promptly whenever they are tendered for delivery (which shall include signing the relevant delivery note) If, for any reason, the Customer fails to take such delivery of the Goods or otherwise causes or requests a delay in delivery:

a) The Goods shall be deemed to have been delivered;

b) Risk in the Goods shall pass to the Customer, and

c) Surtex Instruments shall be entitled to store or arrange for the storage of the Goods until actual delivery and charge the Customer for the reasonable costs (including insurance) of such storage and any additional charges incurred in delivering the Goods at a later date.

5.6 The Customer shall ensure that adequate and safe facilities and procedures exist at the Customer's premises for the delivery of the Goods.

5.7 The Customer shall immediately notify Surtex Instruments Customer Support Centre if the Goods are not received within 10 days of the specified delivery date.

5.8 The customer outside of the UK shall be solely responsible for obtaining all import authorisations.

6. Title and Risk

6.1 The Goods shall be at the Customer's risk at the time of delivery unless the parties have agreed in writing that the Goods are to be collected from the Surtex Instruments premises, in which case, the Goods shall be at the Customer's risk when Surtex Instruments notifies the Customer that the Goods are available for collection.

1. Property in the Goods shall not pass from Surtex Instruments until:

a) The Customer has paid the price in full; and

b) No other sums whatsoever are due from the Customer to Surtex Instruments.

2. Until property in the Goods passes to the Customer in accordance with the condition 6.1, the Customer shall:

a) Hold the Goods on a fiduciary basis as bailed for Surtex Instruments

b) Store the Goods separately from all other goods in its possession and mark them in such a way that they are clearly identified as Surtex Instrument's property; and

c) Maintain the Goods in satisfactory condition and keep them insured on Surtex Instrument's behalf for their full price.

3. The Customer may sell at full market value or use the Goods only in the ordinary course of the Customer's business. Any such sale or dealing shall be a sale or use of Surtex Instrument's property on the Customer's own behalf and the Customer shall deal as principal when making such sales or dealings. Until property in the Goods passes from Surtex Instruments, the proceeds of sale or otherwise of the Goods, to the full extent of the price of the Goods, shall be held in trust for Surtex Instruments and shall not be mixed with other money or paid Into any overdrawn bank account and shall be at all material times identified as Surtex Instruments money.

4. Surtex Instruments shall be entitled to recover the price notwithstanding that property in any of the Goods has not passed from Surtex Instruments.

5. Until such time as the property in the Goods passes from Surtex Instruments, if the Customer: a) Enters into liquidation or has a winding-up order made against it or has an administrator, receiver or manager appointed in respect of its assets; or b) Fails to make payment in accordance with these conditions, the Customer shall upon request deliver up Surtex Instruments such of the Goods as have not ceased to be in existence or resold. If the Customer fails to do so, Surtex Instruments may enter upon any premises owned. Occupied or controlled by the Customer where the Goods are situated and repossess the Goods.

6. The Customer shall not pledge or in any way charge by way of security for any indebtedness, any of the Goods which are the property Surtex Instruments. If the Customer does so, all sums whatever owing by the Customer to Surtex Instruments shall forthwith become due and payable.

7. On termination of the Contract, howsoever caused, Surtex Instruments rights contained in this condition 6 shall remain in effect.

7. Terms of Payment

7.1 Payment is due to Surtex Instruments within 30 days of invoice (the" Due Date"). In the case of payment other than by cash, payment shall only be deemed to have been made on receipt of cleared funds.

7.2 Each consignment or partial delivery shall be invoiced and paid separately.

7.3 No disputes arising under the contract no delays in the delivery period beyond the control of Surtex Instruments shall interfere with prompt payment in full by Customer. The Customer shall not in any circumstances or for any reason whatsoever be entitled to make any deduction or withhold any sum from the price by way of set-off or otherwise.

7.4 If the Customer fails to make the payment on the due date, then Surtex Instruments without prejudice to other rights and remedies shall be entitled to charge the Customer interest (both before and after judgment) on the amount unpaid at the rate of 4% per annum above the basic rate of HSBC plc during the delay and suspend all further deliveries without notice.

7.5 All payments payable to the Company under the Contract shall become due immediately on its termination, despite any other provision.

8. Warranties

8.1 Surtex Instruments will use reasonable endeavours to ensure that the Goods

- a) Correspond to their description and any applicable specification;
- b) Be of satisfactory quality and fit for purpose held out by Surtex Instruments or made to known to the customer by Surtex Instruments
- c) Where applicable, be free from defects in design, materials and workmanship and remain so for a period of 12 months after delivery; and
- d) Comply with all applicable statutory and regulatory requirements relating to the manufacture, labelling, packaging, storage, handling and delivery of Goods

8.3 In case of Goods not manufactured by Surtex Instruments

- a) Surtex Instruments gives no assurance or warranty whatsoever that the sale or use of the Goods will not infringe the patent design right registered, design copyright or other industrial property rights of other person firm or Company and
- b) The warranty given to the Customer shall be limited to the warranty (if any) which Surtex Instruments receives from the manufacturer or supplier of the Goods to Surtex Instruments.

9. Missing and Defective Goods

9.1 The Customer must inspect the Goods immediately on arrival at their premises.

9.2 In case of missing goods or defects apparent on inspection:

- a) a written complaint must be made to Surtex Instruments by the customer within seven days of receipt of the Goods specifying the shortage and/or defect and
- b) Surtex Instruments shall be given an opportunity to inspect the Goods and investigate any complaint before any use is made of the Goods.

9.3 In the case of defects not apparent on inspection:

- a) the Customer shall send a written complaint to Surtex Instruments as soon as reasonably practicable after the defect is noticed and ensure no use is made of or alterations made to the Goods thereafter;
- b) the Customer shall allow Surtex Instruments 30 days to inspect the Goods and shall take such steps as are necessary to enable Surtex Instruments to do so including returning of the Goods to its head office in the United Kingdom if requested.

9.4 In any potential case of a product being defective pursuant to Part 1 of the Consumer Protection Act 1987, the customer must send the complaint within 12 months of the date of delivery by Surtex Instruments or in the case of items not manufactured by Surtex Instruments, within the guarantee period specified by the manufacturer of such item.

9.5 Any complaints made outside of the periods specified in clause 9 will not be considered.

9.6 All allegations of total non-delivery of any consignment of the Goods must be made by notice in writing by the customer to Surtex Instruments within 10 days of the specified delivery date. Failure by the Customer to give such notice shall render the Customer liable for any temporary or permanent loss of the Goods and all additional costs and expenses incurred by Surtex Instruments in relation to such loss.

10. Liability

10.1 Save where Goods manufactured by Surtex Instruments are held to be defective as defined in Part 1 of the Consumer Protection Act 1987, Surtex Instruments sole obligation in the event of any missing or defective Goods, shall be to repair or replace the Goods.

10.2 Surtex Instruments shall not be liable in respect of consequential loss, loss of profits, damage to the property, loss of goodwill, loss of business opportunity, wasted expenditure, cost of mitigation arising out of or occasioned by any fault or defect in the Goods supplied or any other losses howsoever caused.

10.3 The maximum total liability under or arising out of in connection with this Agreement will not exceed the total of the Contract value.

10.4 Nothing in this Agreement shall exclude or limit either party's liability for death or personal injury resulting from negligence or their fraudulent acts, omissions or statements or for infringement of third party's intellectual property rights.

10.5 For the purpose of the Health and Safety at Work Act 1974, Surtex Instruments relies upon the testing examination and research carried out by the suppliers to it of propriety equipment and component parts of Goods.

10.6 This clause 10 shall survive the termination of the contract.

11. Return of Goods

11.1 In cases where Goods are not defective and the customer requests to return the Goods, Surtex Instruments shall be under no contractual obligation to accept the return except in the event of any error on its parts as to the amount or type of Goods delivered.

11.2 Any requests to return must be made to Surtex Customer Support Centre within ten working days of the date of actual delivery.

11.3 The return of Goods to correct an error in delivery or ordering will only be considered if the Customer Care Team is notified immediately or in any event within 48 hours of delivery to the Customer.

Goods must be returned to Surtex Instruments within 5 days of delivery to the customer to correct an error in delivery or ordering.

11.4 For the avoidance of doubt, unless defective, the returns of Goods as detailed in sections 11.2, 11.4, 11.5 and 11.6 must be unused, undamaged and in the original packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and are not falsified/counterfeit. All goods are individually assessed by Surtex Instruments before being authorised to return.

11.5 Return of Goods for any reason shall require prior consent from Surtex Instruments which shall be sent solely at the discretion of Surtex Instruments. To obtain consent, the Customer Care Team must be notified. Consideration to requests for a return may be given if:

- a) of a bona fide nature;
- b) made within 10 working days of the actual delivery; and
- c) unless defective, the Goods must be unused, undamaged and in the original undamaged packaging. The Goods must be the same batch as originally supplied by Surtex Instruments and not falsified/counterfeit.

11.6 On the customer contacting Surtex Instruments to request a return, the Customer will be issued with a returns merchandise authorisation number by Surtex Instruments. Goods returned without the prior written approval of Surtex Instruments may be returned to the customer or disposed of at the absolute discretion of the company.

11.7 Goods returned will be subjected to the following charges:

- a) for palletised items there will be a standard charge of £75.00 per pallet for any return uplifted by Surtex Instruments.
- b) for returns of small parcel there will be a minimum £15.00 charge per parcel and a 30% re-stocking charge.
- c) the event of return resulting from an error on the part of Surtex Instruments in relation to the amount or type of Goods delivered, no charges under this clause 11.7 will apply.

11.8 In the event, that any Goods are subject to be called by Surtex Instruments for the purpose of recall, the customer shall provide to Surtex Instruments as much information as it is reasonably possible regarding the whereabouts of the Goods.

12. Cancellation Policy

12.1 In the event of cancellation before delivery and if returned after delivery where products are not defective, there will be a re-stocking charge of not less than 30% of the invoice value charged by Surtex Instruments.

12.2 Cancellation of an order will only be agreed by Surtex Instruments at its sole discretion, on condition that all costs and expenses incurred by Surtex Instruments up to the time of cancellation and loss of profits and other loss or damage resulting to Surtex Instruments of such cancellation will be reimbursed by the Customer to Surtex Instruments forthwith.

13. Specifications

Surtex Instruments reserve the right to alter or change the specification and dimension of the Goods supplied with reasonable limits having regard to the nature of the Goods. These do not materially affect the quality or fitness for purpose of Goods. Dimensions specified by Surtex Instruments are to be treated as an approximate only unless the Customer specifically states in writing that exact dimensions are required. Our website and catalogues display the product images as accurately as possible, However, Surtex Instruments cannot guarantee the finish/colour you see matches the actual product as the display of the finish and or colour depends in part, upon your monitor and its settings.

14. Marking and Instructions

14.1 No name, mark, numbering, colouring, appearance or log on the goods will be obscured, removed or concealed by the Customer.

14.2 The Customer will not repackage or alter the presentation of Goods and it will not assist, cause, or enable any other party to do any of the said acts or deal in Goods or packaging which have been subject to such acts.

14.3 The Customer acknowledges that it is under a duty to pass on to its customers (where appropriate) all instructions, information and warnings supplied by Surtex Instruments with the Goods.

15. Confidential Information

15.1 A party shall treat the Contract as private and confidential and neither party shall publish or disclose any particulars without the prior written consent of the other with the exceptions of 15.2 below.

15.2 The obligations expressed in 15.1 above shall not apply to any information which:

- a) Is or subsequently comes into the public domain other than by breach of this clause;
- b) The disclosure of which is required to be disclosed by law, any governmental or regulatory authority or by a court of competent jurisdiction;
- c) Comes into the possession of one of the parties prior to its disclosure by the other, or which is acquired lawfully and in good faith from an independent third party.

15.3 On the conclusion or termination of the Contract, both parties shall destroy all copies of confidential information obtained from the other and the obligation relating to the confidentiality shall continue for a period of 10 years.

15.4 The Customer shall not, without the prior written consent of Surtex Instruments, advertise or make known to any third that Surtex Instruments provided Goods to the Customer.

16. Insolvency

16.1 Without limiting its other rights or remedies, Surtex Instruments shall be entitled to cancel the contract, in whole or in part, by notice in writing if:

- a) The Customer makes a voluntary arrangement with its creditors or (being an individual firm) becomes bankrupt or (being a company) becomes subject to an administration order or goes into liquidation (otherwise than for purpose of amalgamation or reconstruction);
- b) An encumbrancer takes possession, or a receiver is appointed, of any of the property or assets of the Customer.
- c) The Customer ceases, or threatens to cease, to carry on business; d) Surtex Instruments reasonably apprehends that any of the events mentioned above is about to occur in relation to the Customer and notifies the Customer accordingly.

17. Sub-Contractors

17.1 Surtex Instruments may assign the Contractor any part of it to any company, firm or organization.

17.2 The Customer shall not be entitled to assign the Contractor any part of it without the prior written consent of Surtex Instruments (such consent not to be unreasonably withheld or delayed.

18. Force Majeure

18.1 Surtex Instruments shall not be responsible for any failure to fulfil its obligations under these conditions and/or in relation to the Goods if such failure is caused by an event which is beyond its reasonable control including acts of God, war, armed conflict, acts of terrorism, riot, strikes, industrial action (including action involving Surtex Instruments employees), fire, flood, any natural disaster, any defaults by Surtex Instruments suppliers or subcontractors, difficulties obtaining workmen or materials, and breakdown of machinery.

18.2 If such event continues for more than one month, Surtex Instruments may terminate the Contract without liability.

19. Waiver

19.1 waiver of any right or remedy under the contract or law is only effective if given in writing and shall not be deemed a waiver of any subsequent breach or default. No failure or delay by a party to exercise any right or remedy provided under the Contract or by law shall constitute a waiver of that or any other right or remedy. No single or partial exercise of such right or remedy shall prevent or restrict the further exercise of that or any other right or remedy.

20. Severance

20.1 any provision or part-provision of the Contract is or becomes invalid, illegal or unenforceable, it shall be deemed modified to the minimum extent necessary to make it valid, legal and enforceable whilst retaining the risk and reward between the parties. If such modification is not possible, the relevant provision or part-provision under this clause shall not affect the validity and enforceability of the rest of the Contract.

21. Variation

21.1 as set out in these Conditions, no variation of the Contract, including the introduction for any additional terms and conditions, shall become effective unless it is agreed in writing and signed by Surtex Instruments.

22. General

22.1 rights and remedies of Surtex Instruments set out in these conditions shall be in additions and without prejudice to any other rights and remedies which may be available to Surtex Instruments at common law or under the statue.

23. Governing Law and Jurisdiction

23.1 The contract and any dispute or claim arising out of or in connection with it or its subject matter or formation (including not-contractual disputes or claims) shall be governed by and construed in accordance with the law of England and Wales.

23.2 Each party irrevocably agrees that the courts of England and Wales shall have exclusive jurisdiction to settle any dispute or claim arising out of or in connection with his agreement or its subject matter or formation (including non-contractual disputes or claims).

23.3 The schedules to the Uniform Law of International Sales Act 1967 shall not in any circumstances apply to the contract.

24. Entire Agreement

24.1 This contract constitutes the whole agreement and understanding between the parties in relation to its subject matter and supersedes any previous arrangement, understanding, representations, (including any information or data set out in any sales and marketing literature), or agreement between them relating to the subject matter of this Agreement.

24.2 Each party acknowledges that, in entering into this Agreement, it has not relied on any statement, assurance or warranty (whether made negligently or innocently) other than those expressly set out in this Agreement and has no rights and remedies in respect thereof.

25. Third-Party Rights

25.1 term of this agreement shall be enforceable under the Contracts (Rights of Third Parties) Act 1999 by any legal entity who is not a party to this Agreement.

26. Notices

26.1 communications between the parties about the Contract shall be in writing and delivered by pre-paid first-class post or by hand to the party's registered office, principal place of business or such other address as may at the relevant time have been notified pursuant to this provision to the party giving notice. In the absence of evidence of earlier receipt, any notices shall be deemed to be duly served:

- a) If sent by first class post, two working days after posting; or
- b) If delivered personally, when left at the relevant address.

SURTEX INSTRUMENTS

Crafted to Excellence

INSTRUCTIONS FOR REPROCESSING OF REUSABLE SURGICAL INSTRUMENTS

Please read all information contained in this insert. The use of a device for a task other than that for which it is intended, as well as improper, ineffective and insufficient maintenance can greatly reduce the life of a device and will invalidate the device's warranty. Incorrect handling and care as well as misuse can lead to premature wear or can cause hazards to patients and users.

PRODUCTS:

- Scalpel Handles, Knives, Saws
- Scissors
- Forceps
- Cotton applicators
- Raspatories
- Calipers
- Cannulas and syringes
- Rongeurs and Punches
- Snares
- Trocars and Blades
- Bougies, Spatulas
- Holloware, Instruments Trays
- Hooks
- Curette and Scoops
- Needle Holders
- Tissue & Dissecting Forceps
- Clamps
- Laryngoscope
- Biopsy Forceps and punches
- Mouth gag
- Screw drivers
- Bone files/rasps/clippers/awls
- Aspiration needle
- Wire/ligature passer
- Bone Holding & Cutting Forceps
- Elevators and Osteotome
- Vaginal and Rectal Speculums
- Bone Chisel & Gouges
- Eye/Ear/Nasal Speculums
- Rib Spreader and retractors
- Dilators/strippers
- Probes, needles
- Dental Mirrors
- Hammers and mallets
- Wire holding and twisting forceps
- Tuning Fork

INTENDED USE:	Surtex produces the standard surgical instruments, designed for routine use in general surgical procedures. Nevertheless, it is the responsibility of the treating surgeon to select the appropriate instruments for specific procedures or operative applications. Additionally, the surgeon is accountable for ensuring that operating room personnel are adequately trained and informed, and that they possess the requisite experience to use the instruments effectively.
WARNINGS: 	• All types of surgical instruments are supplied non-sterile. • Every instrument must undergo cleaning, disinfection, and sterilization processes prior to and following each usage. • Utilization of strong alkaline or acidic cleaning agents is discouraged.
Limitations on Reprocessing:	• Reusable surgical instruments are designed to withstand a maximum of 50 re-sterilization cycles.When the instruments reach that number, they are to be discarded in any case. • Signs of wear or damage incurred during surgical procedures typically signify the end of a product's life.
INSTRUCTIONS	
Point of use:	• Use a disposable cloth or paper towel to wipe away any excess debris. • Ensure that all instruments are subjected to a high-pressure water rinse
Containment and transportation:	• Transporting contaminated instruments in a sealed and clean container is advisable. • It is best practice to reprocess the instrument within 2 hours after use.
Preparation for decontamination:	Personal protective equipment, including gloves, a water-resistant apron, a face shield or safety glasses, should be worn in accordance with the manufacturer's instructions for the cleaning and disinfectant agents used.
Cleaning: Manually	Prior to manual cleaning and subsequent manual disinfection: Do Pre-cleaning (see pre-cleaning above). **Equipments:** A multienzymatic detergent (for example, ECOLAB's Sekusept® MultiEnzyme (www.ecolab.com), soft-bristled brushes, a detergent container, and tap water (20±2°C) at least meeting drinking water standards as per RKI guidelines. 1) The cleaner is prepared in accordance to the manufacturer's instructions (e.g. Sekusept® MultiEnzyme 2% solution). 2) Soak the device into cleaning solution. 3) Exposure time in accordance to the manufacturer's instructions (at least 15 minutes for Sekusept® MultiEnzyme 2% solution). 4) While the instrument is submerged, scrub the exterior surfaces and any crevices with a brush to remove residue. 5) With the brush, clean the instrument's internal surfaces, grooves, and blind holes at least 15 times to eliminate surface contaminants. 6) During exposure time while device is soaked brush the canal inside the surgical instruments for at least 15 times, and brush all other hard-to-reach areas and accessible areas inside the device to remove all visible dirt with a soft brush. Pay attention to the critical and hard-to-reach areas where it is not possible to assess the cleaning efficacy for the devices by means of visual inspection. 7) Take the instrument out of the cleaning solution. 8) Rinse the instrument under running tap water for one minute, ensuring all surfaces are thoroughly washed. 9) Inspect the instrument for cleanliness. If contamination is visible, repeat the cleaning steps.
Disinfection: Manually	**Equipment:** Disinfectant on peroxide basis (e.g. Sekusept® aktiv of ECOLAB (www.ecolab.com), disinfectant tank, tap water (20±2°C) of at least drinking water quality (in accordance with RKI guideline), ultrasonic bath (35 kHz), deionized water (in accordance with KRINKO/BfArM-recommendation free of facultative pathogen microorganisms), fluff-free wipe or towel or air gun with compressed medical air (in accordance with European Pharmacopeia), a sterile 20-ml syringe 1) Prepare the disinfectant solution in an ultrasonic cleaner as per the manufacturer's instructions (e.g., a 2% solution of Sekusept® aktiv). 2) Fully submerge the instrument in the disinfectant. 3) Adhere to the manufacturer's recommended exposure time (at least 10 minutes for a 2% solution of Sekusept® aktiv). 4) Use a 20-ml syringe filled with disinfectant to flush the instrument's channels, blind holes, and other hard-to-reach areas at least five times. a. Pay attention to areas where visual inspection is not feasible for verifying cleanliness. 5) After 5 minutes exposure time, activate the ultrasonic cleaner for an additional 5 minutes. 6) Switch off the ultrasonic cleaner. 7) Remove the device from the disinfectant. 8) Rinse the device under running tap water for at least 1 minute. 9) Perform a secondary rinse using deionized water. 10) Wipe the device with single use, fluff free wipe or towel or dry by an air gun with compressed air. Cleaning and disinfection: Automated If visible soil remains in

Cleaning and disinfection: Automated

If visible soil remains in gaps, holes, joining surfaces, threads and other hard to reach areas: Start with Pre-cleaning (see pre-cleaning above) and continue with manual cleaning.
Equipment: Washer disinfector in accordance with DIN EN ISO 15883-1+-2 with thermal program (temperature 90-93oC), mildly alkaline cleaner detergent (e.g. Sekumatic® MultiClean 200 ml), fluff free wipe or towel or air gun connected to compressed air of medical grade (in accordance with European Pharmacopeia).

1) Place all components of the instruments onto a compatible tray within a load carrier module designated for the washer-disinfector, or connect them with their hollow channels to a load carrier module designed for minimally invasive surgery instruments.
2) Once the door is securely closed, initiate the thermal cycle, with program parameters outlined in the following table.
3) Upon completion of the cycle, retrieve the instruments.
4) Inspect the instruments to ensure they are fully dry. If any moisture remains, use a single-use, lint-free cloth or towel to dry them, or alternatively, apply an air gun with compressed air for drying.

Program Step	Water	Dosage	Time	Temperature
Pre-Rinse	Cold		5 minutes	
Dosage cleaner		According to manufacturer's instructions		According to manufacturer's instructions
Cleaning	Deionized water		10 minutes	55°C
Rinse	Deionized water		2 minutes	
Disinfection	Deionized water		Ao value >3000 (e.g. 5 minutes, 90oC)	
Drying			15 minutes	Up to 120°C

Public authorities may adopt other implementing provisions (parameters for disinfection performance) within their field of responsibility

Maintenance, Inspection and Testing:

Equipment: Silicone-free steam sterilizable lubricant allowed for use on medical products according to the manufacturer (e.g. Sterilit®, spray of B. BRAUN Aesculap or other fabricates).

- Under adequate lighting, scrutinize all parts of the instrument for any remaining soil. If soils detected, repeat the manual cleaning steps (including pre-cleaning) and either the automated or manual disinfection processes until the components are visibly clean.
- Verify the instrument for completeness, any damage, and proper functionality.
- Examine elongated components of the device for any signs of bending or distortion.
- Do not proceed with any damaged instrument.
- Apply a silicone-free steam sterilization-compatible lubricant to all movable parts of the instrument.

Packaging:

Packaging should be in a sterile barrier system compliant with DIN EN ISO 11607 or DIN 58953 standards. (For validation purposes, double-layered sterilization paper wraps were employed)

Sterilization:

Equipment: Sterilization should be performed using a sterilizer that adheres to DIN EN 13060 and/or DIN EN 285 standards.

- Employ a pre-vacuum sterilization process at temperatures ranging from 134°C to 137°C, with a minimum sterilization duration of 3 to 3.5 minutes.
- Sterilize the device in its disassembled state.

1) Place the packaged device in the sterilizer chamber.
2) Activate the sterilization cycle.
3) Once the cycle is complete, carefully extract the device and allow it to cool to room temperature.
4) Ensure the integrity of the package by checking that the seal is secure and the

Storage:

Adhere to the storage conditions and shelf life guidelines established by the processor.

- Instruments should be stored in dry, clean and humidity-free environment without direct solar irradiation.
- Do not store them in places where chemicals may emit corrosive fumes or where fluctuating temperature of humidity may cause vapors to condense on the instruments.

Additional Information:

Processing of medical devices should only be carried out using validated procedures.

Symbols used on Labelling:


Manufacturer



Non-sterile



Authorized Representative in the European Community


Consult instructions for use



Catalog Number


Keep away from rain



Lot Number


Keep away from sunlight


See instructions for use

SERIAL
Serial Number

SURTEX INSTRUMENTS

Crafted to Excellence

ANLEITUNG ZUR AUFBEREITUNG VON WIEDERVERWENDBAREN CHIRURGISCHEN INSTRUMENTEN

Bitte lesen Sie alle in dieser Beilage enthaltenen Informationen. Die Verwendung eines Geräts für eine andere als die vorgesehene Aufgabe sowie unsachgemäße, wirkungslose und unzureichende Wartung können die Lebensdauer erheblich verringern Lebensdauer eines Geräts und führt zum Erlöschen der Garantie des Geräts. Falsche Handhabung und Pflege sowie unsachgemäßer Gebrauch können zu vorzeitigem Verschleiß führen oder Gefahren für Patienten und Anwender hervorrufen.

PRODUKTE:

Skalpellgriffe, Messer, Sägen	Rongeure und Stanzen	Nadelhalter	Knochenfeilen/Raspeln/Knipser/Ahlen	Augen-/Ohr-/Nasenspekulum
Schere	Schlingen	Gewebe- und Präparierzangen	Aspirationsnadel	Rippenspreizer und Retraktoren
Zange	Trokare und Klingen	Klemmen	Draht-/Ligaturpasser	Dilatatoren/Stripper
Baumwollapplikatoren	Bougies, Spatel	Laryngoskop	Knochenhalte- und -schneidezange	Sonden, Nadeln
Raspatorien	Hohlware, Instrumentenschalen	Biopsiezangen und -stanzen	Elevatoren und Osteotom	Dentalspiegel
Bremssättel	Haken	Mundknebel	Vaginal- und Rektalspekulum	Hämmer und Schlägel
Kanülen und Spritzen	Küretten und Löffel	Schraubenzieher	Knochenmeißel und Hohleisen	Drahthalte- und Drehzange
				Stimmgabel

VERWENDUNGSZWECK:	Surtex stellt chirurgische Standardinstrumente her, die für den routinemäßigen Einsatz bei allgemeinen chirurgischen Eingriffen konzipiert sind. Dennoch liegt die Auswahl in der Verantwortung des behandelnden Chirurgen die passenden Instrumente für spezifische Eingriffe oder operative Anwendungen. Darüber hinaus ist der Chirurg dafür verantwortlich, sicherzustellen, dass das Personal im Operationssaal angemessen ist geschult und informiert sind und über die erforderliche Erfahrung verfügen, um die Instrumente effektiv einzusetzen.
WARNHINWEISE:	• Alle Arten von chirurgischen Instrumenten werden unsteril geliefert. • Jedes Instrument muss vor und nach jedem Gebrauch gereinigt, desinfiziert und sterilisiert werden. • Von der Verwendung stark alkalischer oder saurer Reinigungsmittel wird abgeraten.
Einschränkungen auf Wiederaufbereitung:	• Wiederverwendbare chirurgische Instrumente sind für maximal 50 Resterilisationszyklen ausgelegt. Bei Erreichen dieser Anzahl sind die Instrumente auf jeden Fall zu entsorgen. • Anzeichen von Abnutzung oder Schäden, die bei chirurgischen Eingriffen auftreten, bedeuten typischerweise das Ende der Lebensdauer eines Produkts.
ANWEISUNGEN	
Verwendungszweck:	• Wischen Sie überschüssige Rückstände mit einem Einwegtuch oder Papiertuch ab. • Stellen Sie sicher, dass alle Instrumente einer Hochdruckwasserspülung unterzogen werden
Eindämmung und Transport:	• Es empfiehlt sich, kontaminierte Instrumente in einem verschlossenen und sauberen Behälter zu transportieren. • Es empfiehlt sich, das Instrument innerhalb von 2 Stunden nach Gebrauch wieder aufzubereiten.
Vorbereitung für Dekontamination:	Persönliche Schutzausrüstung, darunter Handschuhe, eine wasserfeste Schürze, ein Gesichtsschutz oder eine Schutzbrille, sollte gemäß den Anweisungen des Herstellers getragen werden für die verwendeten Reinigungs- und Desinfektionsmittel.
Reinigung: Manuell	Vor der manuellen Reinigung und anschließenden manuellen Desinfektion: Führen Sie eine Vorreinigung durch (siehe Vorreinigung oben). **Ausrüstung:** Ein multienzymatisches Reinigungsmittel (z. B. Sekusept® MultiEnzyme von ECOLAB (www.ecolab.com), Bürsten mit weichen Borsten, ein Reinigungsmittelbehälter und Leitungswasser (20 ± 2 °C) mindestens den Trinkwasserstandards gemäß RKI-Richtlinien entsprechen. 1) Der Reiniger wird gemäß den Herstellerangaben zubereitet (z. B. Sekusept® MultiEnzym 2 % Lösung). 2) Das Gerät in Reinigungslösung einweichen. 3) Einwirkzeit gemäß Herstellerangaben (mindestens 15 Minuten für Sekusept® MultiEnzyme 2 % Lösung). 4) Während das Instrument eingetaucht ist, schrubben Sie die Außenflächen und alle Spalten mit einer Bürste, um Rückstände zu entfernen. 5) Reinigen Sie mit der Bürste die Innenflächen, Rillen und Sacklöcher des Instruments mindestens 15 Mal, um Oberflächenverunreinigungen zu entfernen. 6) Während der Einwirkzeit, während das Gerät eingeweicht ist, bürsten Sie den Kanal innerhalb der chirurgischen Instrumente mindestens 15 Mal und bürsten Sie alle anderen schwer zugänglichen und zugänglichen Bereiche Bereiche im Inneren des Geräts, um alle sichtbaren Verschmutzungen mit einer weichen Bürste zu entfernen. Achten Sie auf kritische und schwer zugängliche Stellen, an denen die Reinigungswirkung der Geräte nicht durch Sichtprüfung beurteilt werden kann. 7) Nehmen Sie das Instrument aus der Reinigungslösung. 8) Spülen Sie das Instrument eine Minute lang unter fließendem Leitungswasser ab und stellen Sie sicher, dass alle Oberflächen gründlich gewaschen sind. 9) Überprüfen Sie das Instrument auf Sauberkeit. Wenn Verunreinigungen sichtbar sind, wiederholen Sie die Reinigungsschritte.
Desinfektion: Manuell	**Ausrüstung:** Desinfektionsmittel auf Peroxidbasis (z. B. Sekusept® aktiv von ECOLAB (www.ecolab.com), Desinfektionsmitteltank, Leitungswasser (20±2°C) mindestens in Trinkwasserqualität (gemäß RKI-Richtlinie), Ultraschallbad (35 kHz), deionisiertes Wasser (gemäß KRINKO/BfArM-Empfehlung frei von fakultativ pathogenen Mikroorganismen), Flusenfreies Tuch oder Handtuch oder Luftpistole mit medizinischer Druckluft (gemäß Europäischem Arzneibuch), einer sterilen 20-ml-Spritze 1) Bereiten Sie die Desinfektionslösung in einem Ultraschallreiniger gemäß den Anweisungen des Herstellers vor (z. B. eine 2%ige Lösung von Sekusept® aktiv). 2) Tauchen Sie das Instrument vollständig in das Desinfektionsmittel. 3) Halten Sie sich an die vom Hersteller empfohlene Einwirkzeit (mindestens 10 Minuten bei einer 2 %igen Lösung von Sekusept® aktiv). 4) Verwenden Sie eine mit Desinfektionsmittel gefüllte 20-ml-Spritze, um die Kanäle, Sacklöcher und andere schwer zugängliche Bereiche des Instruments mindestens fünfmal zu spülen. A. Achten Sie auf Bereiche, in denen eine visuelle Inspektion zur Überprüfung der Sauberkeit nicht möglich ist. 5) Nach 5 Minuten Einwirkzeit den Ultraschallreiniger für weitere 5 Minuten aktivieren. 6) Schalten Sie das Ultraschallreinigungsgerät aus. 7) Nehmen Sie das Gerät aus dem Desinfektionsmittel. 8) Spülen Sie das Gerät mindestens 1 Minute lang unter fließendem Leitungswasser ab. 9) Führen Sie eine zweite Spülung mit entionisiertem Wasser durch. 10) Wischen Sie das Gerät zum einmaligen Gebrauch mit einem fusselfreien Tuch oder Handtuch ab oder trocknen Sie es mit einer Luftpistole mit Druckluft. Reinigung und Desinfektion: Automatisiert, wenn sichtbarer Schmutz zurückbleibt

Reinigung u Desinfektion: Automatisiert

Wenn sichtbarer Schmutz in Spalten, Löchern, Verbindungsflächen, Gewinden und anderen schwer zugänglichen Stellen zurückbleibt: Beginnen Sie mit der Vorreinigung (siehe Vorreinigung oben) und fahren Sie mit der manuellen Reinigung fort.
Ausstattung: Reinigungs- und Desinfektionsgerät nach DIN EN ISO 15883-1+-2 mit Thermoprogramm (Temperatur 90-93oC), mildalkalischer Reiniger (z. B. Sekumatic®). MultiClean 200 ml), fusselfreies Wischtuch oder Handtuch oder Luftpistole, angeschlossen an Druckluft medizinischer Qualität (gemäß Europäischer Pharmakopöe).

1) Legen Sie alle Komponenten der Instrumente auf ein kompatibles Tablett innerhalb eines für das Reinigungs- und Desinfektionsgerät vorgesehenen Ladungsträgermoduls oder verbinden Sie sie mit ihren Hohlkanälen zu einem Lastenträgermodul für Instrumente der minimalinvasiven Chirurgie.
2) Sobald die Tür sicher geschlossen ist, starten Sie den Wärmezyklus mit den in der folgenden Tabelle aufgeführten Programmparametern.
3) Nach Abschluss des Zyklus die Instrumente herausnehmen.
4) Überprüfen Sie die Instrumente, um sicherzustellen, dass sie vollständig trocken sind. Wenn noch Feuchtigkeit zurückbleibt, trocknen Sie sie mit einem fusselfreien Einmaltuch oder Handtuch ab oder wenden Sie alternativ eine Luftpistole an Druckluft zum Trocknen.

Programmschritt	Wasser	Dosierung	Zeit	Temperatur
Vorspülen	Kalt		5 Minuten	
Dosierreiniger		Entsprechend Hersteller Anweisungen		Entsprechend Hersteller Anweisungen
Reinigung	Entionisiertes Wasser		10 Minuten	55°C
Spülen	Entionisiertes Wasser		2 Minuten	
Desinfektion	Entionisiertes Wasser		Ao-Wert >3000 (z. B. 5 Minuten, 90oC)	
Trocknen			15 Minuten	Bis zu 120°C

Die Behörden können in ihrem bundesweit weitere Ausführungsbestimmungen (Parameter zur Desinfektionsleistung) erlassen

Wartung, Inspektion u Testen:

Ausstattung: Silikonfreies, dampfsterilisierbares Gleitmittel, das laut Hersteller zur Verwendung auf Medizinprodukten zugelassen ist (z. B. Sterilit®, Spray von B. BRAUN Aesculap). oder andere Fabrikate).

- Untersuchen Sie bei ausreichender Beleuchtung alle Teile des Instruments auf verbleibende Verschmutzungen. Wenn Verschmutzungen festgestellt werden, wiederholen Sie die manuellen Reinigungsschritte (einschließlich Vorreinigung). und entweder die automatisierten oder manuellen Desinfektionsprozesse, bis die Komponenten sichtbar sauber sind.
- Überprüfen Sie das Gerät auf Vollständigkeit, eventuelle Schäden und ordnungsgemäße Funktion.
- Untersuchen Sie längliche Komponenten des Geräts auf Anzeichen von Biegung oder Verformung.
- Fahren Sie nicht mit beschädigten Instrumenten fort.
- Tragen Sie auf alle beweglichen Teile des Instruments ein silikonfreies, dampfsterilisationsverträgliches Gleitmittel auf.

Verpackung:

Die Verpackung sollte in einem Sterilbarrieresystem nach DIN EN ISO 11607 oder DIN 58953 erfolgen. (Zu Validierungszwecken doppellagiges Sterilisationspapier Wraps wurden verwendet)

Sterilisation:

Ausrüstung: Die Sterilisation sollte mit einem Sterilisator erfolgen, der den Normen DIN EN 13060 und/oder DIN EN 285 entspricht.

- Verwenden Sie einen Vorvakuumsterilisationsprozess bei Temperaturen zwischen 134 °C und 137 °C und einer Mindeststerilisationsdauer von 3 bis 3,5 Minuten.
- Sterilisieren Sie das Gerät im zerlegten Zustand.

1) Legen Sie das verpackte Gerät in die Sterilisatorkammer.
2) Aktivieren Sie den Sterilisationszyklus.
3) Sobald der Zyklus abgeschlossen ist, entnehmen Sie das Gerät vorsichtig und lassen Sie es auf Raumtemperatur abkühlen.
4) Stellen Sie die Unversehrtheit der Verpackung sicher, indem Sie prüfen, ob das Siegel sicher ist und die

Lagerung:

Beachten Sie die vom Verarbeiter festgelegten Lagerbedingungen und Haltbarkeitsrichtlinien.

- Instrumente sollten in einer trockenen, sauberen und feuchtigkeitsfreien Umgebung ohne direkte Sonneneinstrahlung gelagert werden.
- Lagern Sie sie nicht an Orten, an denen Chemikalien ätzende Dämpfe abgeben können oder wo schwankende Luftfeuchtigkeitstemperaturen dazu führen können, dass Dämpfe auf den Instrumenten kondensieren.

Zusätzlich Information:

Die Aufbereitung von Medizinprodukten sollte nur nach validierten Verfahren erfolgen.

Verwendete Symbole auf Beschriftung:

	Herstellerin	NON STERILE	Unsterile
EC REP	Autorisierter Vertreter in der Europäischen Gemeinschaft		Gebrauchsanweisung beachten
REF	Katalognummer		Von Regen fernhalten
LOT	Chargennummer		Von Sonnenlicht fernhalten
	Siehe Gebrauchsanweisung	SERIAL	Seriennummer

SURTEX INSTRUMENTS

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INSTRUCTIONS POUR LE RETRAITEMENT DES INSTRUMENTS CHIRURGICAUX RÉUTILISABLES

Veuillez lire toutes les informations contenues dans cet encart. L'utilisation d'un appareil pour une tâche autre que celle pour laquelle il est destiné, ainsi qu'un entretien inapproprié, inefficace et insuffisant peuvent réduire considérablement les durée de vie d'un appareil et annulera la garantie de l'appareil. Une manipulation et un entretien incorrects ainsi qu'une mauvaise utilisation peuvent entraîner une usure prématurée ou présenter des dangers pour les patients et les utilisateurs.

DES PRODUITS:

- Manches de scalpel, couteaux, scies
- Ciseaux
- Forceps
- Applicateurs de coton
- Raspatoires
- Étriers
- Canules et seringues
- Rongeurs et poinçons
- Pièges
- Trocarts et lames
- Bougies, Spatules
- Holloware, plateaux à instruments
- Crochets
- Curette et cuillères
- Porte-aiguilles
- Pinces à tissus et à dissection
- Pinces
- Laryngoscope
- Pinces et poinçons à biopsie
- Bâillon
- Tournevis
- Limes à os/râpes/coupe-ongles/alènes
- Aiguille d'aspiration
- Passeur de fil/ligature
- Pinces de maintien et de coupe des os
- Ascenseurs et Ostéotome
- Spéculums vaginaux et rectaux
- Ciseau à os et gouges
- Spéculums yeux/oreilles/nasaux
- Écarteur de côtes et écarteurs
- Dilatateurs/décapants
- Sondes, aiguilles
- Miroirs dentaires
- Marteaux et maillets
- Pinces à maintien et à torsion des fils
- Diapason

UTILISATION PRÉVUE:	Surtex produit des instruments chirurgicaux standards, conçus pour une utilisation de routine dans les procédures chirurgicales générales. Il appartient néanmoins au chirurgien traitant de sélectionner les instruments appropriés pour des procédures spécifiques ou des applications opérationnelles. De plus, le chirurgien est responsable de s'assurer que le personnel de la salle d'opération est correctement formés et informés, et qu'ils possèdent l'expérience requise pour utiliser efficacement les instruments.
AVERTISSEMENTS: 	• Tous les types d'instruments chirurgicaux sont fournis non stériles. • Chaque instrument doit subir des processus de nettoyage, de désinfection et de stérilisation avant et après chaque utilisation. • L'utilisation d'agents de nettoyage fortement alcalins ou acides est déconseillée.
Limites sur Retraitement:	• Les instruments chirurgicaux réutilisables sont conçus pour résister à un maximum de 50 cycles de restérilisation.Lorsque les instr uments atteignent ce nombre, ils doivent dans tous les cas être jetés. • Les signes d'usure ou les dommages survenus lors d'interventions chirurgicales signifient généralement la fin de vie d'un produit.
INSTRUCTIONS	
Point d'utilisation:	• Utilisez un chiffon jetable ou une serviette en papier pour essuyer tout excès de débris. • Assurez-vous que tous les instruments sont soumis à un rinçage à l'eau à haute pression
Confinement et transport:	• Il est conseillé de transporter les instruments contaminés dans un conteneur hermétique et propre. • Il est recommandé de retraiter l'instrument dans les 2 heures suivant son utilisation.
La préparation pour décontamination:	L'équipement de protection individuelle, y compris des gants, un tablier résistant à l'eau, un écran facial ou des lunettes de sécurité, doit être porté conformément aux instructions du fabricant. pour les produits de nettoyage et de désinfection utilisés.
Nettoyage: Manuellement	Avant le nettoyage manuel et la désinfection manuelle ultérieure : effectuez un pré-nettoyage (voir pré-nettoyage ci-dessus). **Équipements:** Un détergent multienzymatique (par exemple Sekusept® MultiEnzyme d'ECOLAB (www.ecolab.com), des brosses à poils souples, un récipient à détergent et de l'eau du robinet. (20 ± 2 ° C) répondant au moins aux normes d'eau potable selon les directives du RKI. 1) Le nettoyant est préparé conformément aux instructions du fabricant (par exemple solution Sekusept® MultiEnzyme 2%). 2) Trempez l'appareil dans une solution de nettoyage. 3) Temps d'exposition conformément aux instructions du fabricant (au moins 15 minutes pour la solution Sekusept® MultiEnzyme 2%). 4) Pendant que l'instrument est immergé, frottez les surfaces extérieures et les crevasses avec une brosse pour éliminer les résidus. 5) Avec la brosse, nettoyez les surfaces internes, les rainures et les trous borgnes de l'instrument au moins 15 fois pour éliminer les contaminants de surface. 6) Pendant le temps d'exposition, lorsque le dispositif est trempé, brossez le canal à l'intérieur des instruments chirurgicaux au moins 15 fois et brossez toutes les autres zones difficiles d'accès et accessibles. zones à l'intérieur de l'appareil pour éliminer toute saleté visible avec une brosse douce. Faites attention aux zones critiques et difficiles d'accès où il n'est pas possible d'évaluer l'efficacité du nettoyage des appareils au moyen d'une inspection visuelle. 7) Sortez l'instrument de la solution de nettoyage. 8) Rincez l'instrument sous l'eau courante du robinet pendant une minute, en vous assurant que toutes les surfaces sont soigneusement lavées. 9) Inspectez l'instrument pour vérifier sa propreté. Si une contamination est visible, répétez les étapes de nettoyage.
Désinfection: Manuellement	**Équipement :** Désinfectant à base de peroxyde (par exemple Sekusept® aktiv d'ECOLAB (www.ecolab.com), réservoir de désinfectant, eau du robinet (20±2°C) d'au moins qualité d'eau potable (conformément à la directive RKI), bain à ultrasons (35 kHz), eau déminéralisée (conformément à la recommandation KRINKO/BfArM exempte de micro-organismes pathogènes facultatifs), une lingette ou une serviette sans peluches ou un pistolet à air comprimé avec de l'air médical comprimé(conformément à la Pharmacopée Européenne), une seringue stérile de 20 ml 1) Préparez la solution désinfectante dans un nettoyeur à ultrasons selon les instructions du fabricant (par exemple une solution à 2 % de Sekusept® aktiv). 2) Immergez complètement l'instrument dans le désinfectant. 3) Respecter le temps d'exposition recommandé par le fabricant (au moins 10 minutes pour une solution à 2% de Sekusept® aktiv). 4) Utilisez une seringue de 20 ml remplie de désinfectant pour rincer les canaux, les trous borgnes et autres zones difficiles d'accès de l'instrument au moins cinq fois. un. Faites attention aux zones où une inspection visuelle n'est pas possible pour vérifier la propreté. 5) Après 5 minutes d'exposition, activez le nettoyeur à ultrasons pendant 5 minutes supplémentaires. 6) Éteignez le nettoyeur à ultrasons. 7) Retirez l'appareil du désinfectant. 8) Rincez l'appareil sous l'eau courante du robinet pendant au moins 1 minute. 9) Effectuez un rinçage secondaire à l'eau déminéralisée. 10) Essuyez l'appareil avec une lingette ou une serviette à usage unique sans peluches ou séchez-le avec un pistolet à air comprimé. Nettoyage et désinfection : automatisés si des saletés visibles restent à l'intérieur

Nettoyage et désinfection: automatique

Si de la saleté visible reste dans les interstices, les trous, les surfaces de jonction, les filetages et autres zones difficiles d'accès : commencez par un pré-nettoyage (voir pré-nettoyage ci-dessus) et poursuivez par un nettoyage manuel. **Équipement :** Laveur-désinfecteur conforme à la norme DIN EN ISO 15883-1+-2 avec programme thermique (température 90-93°C), détergent légèrement alcalin (par ex. Sekumatic® MultiClean 200 ml), lingette ou serviette sans peluches ou pistolet à air connecté à de l'air comprimé de qualité médicale (conforme à la Pharmacopée Européenne).

1) Placez tous les composants des instruments sur un plateau compatible à l'intérieur d'un module support de charge destiné au laveur-désinfecteur, ou connectez-les avec leurs canaux creux. à un module support de charge conçu pour les instruments de chirurgie mini-invasive.
2) Une fois la porte bien fermée, lancez le cycle thermique, avec les paramètres du programme décrits dans le tableau suivant.
3) Une fois le cycle terminé, récupérez les instruments.
4) Inspectez les instruments pour vous assurer qu'ils sont complètement secs. S'il reste de l'humidité, utilisez un chiffon ou une serviette à usage unique non pelucheux pour les sécher, ou bien appliquez un pistolet à air comprimé avec air comprimé pour le séchage.

Program Step	Eau	Dosage	Temps	Temperature
Pré-rinçage	Froide		5 minutes	
Nettoyant dosé		Selon du fabricant instructions		Selon du fabricant instructions
Nettoyage	Eau déminéralisée		10 minutes	55°C
Rincer	Eau déminéralisée		2 minutes	
Désinfection	Eau déminéralisée		Valeur Ao>3000 (par exemple 5 minutes, 90°C)	
Séchage			15 minutes	Jusqu'à 120°C

Les autorités publiques peuvent adopter d'autres dispositions d'exécution (paramètres pour les performances de désinfection) dans leur domaine de compétence.

Entretien, Inspection et Essai:

Matériel : Lubrifiant stérilisable à la vapeur sans silicone autorisé pour une utilisation sur les produits médicaux selon le fabricant (ex. Sterilit®, spray de B. BRAUN Aesculap ou autres produits fabriqués).

- Sous un éclairage adéquat, examinez toutes les parties de l'instrument à la recherche de toute terre restante. Si des salissures sont détectées, répétez les étapes de nettoyage manuel (y compris le pré-nettoyage) et les processus de désinfection automatisés ou manuels jusqu'à ce que les composants soient visiblement propres.
- Vérifiez l'intégralité de l'instrument, tout dommage et son bon fonctionnement.
- Examinez les composants allongés de l'appareil pour déceler tout signe de flexion ou de distorsion.
- Ne continuez pas avec un instrument endommagé.
- Appliquez un lubrifiant compatible avec la stérilisation à la vapeur sans silicone sur toutes les parties mobiles de l'instrument.

Emballage:

L'emballage doit être placé dans un système de barrière stérile conforme aux normes DIN EN ISO 11607 ou DIN 58953. (À des fins de validation, papier de stérilisation double couche des enveloppes ont été utilisées)

Stérilisation:

Équipement : La stérilisation doit être effectuée à l'aide d'un stérilisateur conforme aux normes DIN EN 13060 et/ou DIN EN 285.

- Utiliser un processus de stérilisation sous vide à des températures allant de 134 °C à 137 °C, avec une durée minimale de stérilisation de 3 à 3,5 minutes.
- Stérilisez l'appareil à l'état démonté.

1) Placez l'appareil emballé dans la chambre du stérilisateur.
2) Activez le cycle de stérilisation.
3) Une fois le cycle terminé, extrayez délicatement l'appareil et laissez-le refroidir à température ambiante.
4) Assurer l'intégrité de l'emballage en vérifiant que le sceau est bien fermé et que le

Stockage:

Respectez les conditions de stockage et les directives relatives à la durée de conservation établies par le transformateur.

- Les instruments doivent être stockés dans un environnement sec, propre et sans humidité, sans rayonnement solaire direct.
- Ne les stockez pas dans des endroits où les produits chimiques peuvent émettre des fumées corrosives ou où les fluctuations de la température et de l'humidité peuvent provoquer la condensation des vapeurs sur les instruments.

Supplémentaire Information:

Le traitement des dispositifs médicaux ne doit être effectué qu'à l'aide de procédures validées.

Symboles utilisés sur Étiquetage :

	Fabricante	NON STERILE	Non stérile
EC REP	Représentant autorisé dans la Communauté européenne		Consulter les instructions d'utilisation
REF	Numéro de catalogue		Tenir à l'abri de la pluie
LOT	Numéro de lot		Tenir à l'écart du soleil
	Voir les instructions d'utilisation	SERIAL	Numéro de série

SURTEX INSTRUMENTS

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INSTRUCCIONES PARA EL REPROCESAMIENTO DE INSTRUMENTOS QUIRÚRGICOS REUTILIZABLES

Por favor lea toda la información contenida en este inserto. El uso de un dispositivo para una tarea distinta a aquella para la que está destinado, así como un mantenimiento inadecuado, ineficaz e insuficiente pueden reducir en gran medida el vida útil de un dispositivo e invalidará la garantía del dispositivo. El manejo y cuidado incorrectos, así como el mal uso, pueden provocar un desgaste prematuro o causar peligros a los pacientes y usuarios.

PRODUCTOS:

Mangos De Bisturí, Cuchillos, Sierras
Tijeras
Pinzas
Aplicadores de algodón
raspatorios
Calibrador
Cánulas y jeringas

Pinzas y punzones
trampas
Trocares y cuchillas
Bougías, Espátulas
Holloware, Bandejas para instrumentos
Manos
cureta y palas

Portaagujas
Pinzas de tejido y disección
Abrazaderas
Laringoscopio
Pinzas y punzones para biopsia
mordaza en la boca
Destornilladores

Limas/escofinas/cortadoras para huesos/punzones
aguja de aspiración
Pasador de alambre/ligadura
Pinzas para sujetar y cortar huesos
Ascensores y Osteotomo
Espéculos vaginales y rectales
Cincel para huesos y gubias

Espéculos para ojos/oídos/nasales
Separador de costillas y retractores
Dilatadores/strippers
Sondas, agujas
Espejos dentales
Martillos y mazos
Pinzas para sujetar y torcer cables
Diapasón

USO PREVISTO:	Surtex produce instrumentos quirúrgicos estándar, diseñados para uso rutinario en procedimientos quirúrgicos generales. Sin embargo, es responsabilidad del cirujano tratante seleccionar los instrumentos adecuados para procedimientos o aplicaciones operativas específicas. Además, el cirujano es responsable de garantizar que el personal del quirófano esté adecuadamente capacitados e informados, y que poseen la experiencia necesaria para utilizar los instrumentos de manera eficaz.
ADVERTENCIAS: 	• Todo tipo de instrumental quirúrgico se suministra sin esterilizar. • Cada instrumento debe someterse a procesos de limpieza, desinfección y esterilización antes y después de cada uso. • Se desaconseja el uso de agentes de limpieza fuertes alcalinos o ácidos.
Limitaciones en Reprocesamiento:	• Los instrumentos quirúrgicos reutilizables están diseñados para soportar un máximo de 50 ciclos de reesterilización. Cuando los instrumentos alcancen ese número, deberán ser desechados en cualquier caso. • Los signos de desgaste o daño ocurridos durante los procedimientos quirúrgicos generalmente indican el final de la vida útil de un producto.
INSTRUCCIONES	
Punto de uso:	• Utilice un paño desechable o una toalla de papel para limpiar el exceso de residuos. • Asegúrese de que todos los instrumentos estén sujetos a un enjuague con agua a alta presión.
Contención y transporte:	• Es aconsejable transportar los instrumentos contaminados en un recipiente limpio y sellado. • Es una buena práctica reprocesar el instrumento dentro de las 2 horas posteriores a su uso.
Preparación para descontaminación:	Se debe usar equipo de protección personal, incluidos guantes, delantal resistente al agua, careta o gafas de seguridad, de acuerdo con las instrucciones del fabricante. de los agentes limpiadores y desinfectantes utilizados.
Limpieza: A mano	Antes de la limpieza manual y la posterior desinfección manual: Realice una limpieza previa (consulte la limpieza previa más arriba). **Equipos:** un detergente multienzimático (por ejemplo, Sekusept® MultiEnzyme de ECOLAB (www.ecolab.com), cepillos de cerdas suaves, un recipiente para detergente y agua del grifo.(20±2°C) que cumpla al menos con los estándares de agua potable según las pautas del RKI. 1) El limpiador se prepara según las instrucciones del fabricante (p. ej., solución Sekusept® MultiEnzyme al 2%). 2) Remoje el dispositivo en una solución limpiadora. 3) Tiempo de exposición según las instrucciones del fabricante (al menos 15 minutos para Sekusept® MultiEnzyme solución al 2%). 4) Mientras el instrumento está sumergido, frote las superficies exteriores y las grietas con un cepillo para eliminar los residuos. 5) Con el cepillo, limpie las superficies internas, ranuras y orificios ciegos del instrumento al menos 15 veces para eliminar contaminantes de la superficie. 6) Durante el tiempo de exposición, mientras el dispositivo está empapado, cepille el canal dentro de los instrumentos quirúrgicos al menos 15 veces y cepille todas las demás áreas accesibles y de difícil acceso. áreas dentro del dispositivo para eliminar toda la suciedad visible con un cepillo suave. Preste atención a las zonas críticas y de difícil acceso donde no es posible evaluar la eficacia de limpieza de los dispositivos mediante inspección visual. 7) Saque el instrumento de la solución limpiadora. 8) Enjuague el instrumento con agua corriente durante un minuto, asegurándose de que todas las superficies estén bien lavadas. 9) Inspeccione la limpieza del instrumento. Si la contaminación es visible, repita los pasos de limpieza.
Disinfection: Manually	**Equipo:** Desinfectante a base de peróxido (p. ej. Sekusept® aktiv de ECOLAB (www.ecolab.com), tanque de desinfectante, agua del grifo (20±2°C) de al menos calidad potable. (según las directrices del RKI), baño de ultrasonidos (35 kHz), agua desionizada (según la recomendación KRINKO/BfArM libre de microorganismos patógenos facultativos), paño o toalla sin pelusas o pistola de aire comprimido con aire médico (según la Farmacopea Europea), una jeringa estéril de 20 ml 1) Prepare la solución desinfectante en un limpiador ultrasónico según las instrucciones del fabricante (p. ej., una solución al 2 % de Sekusept® aktiv). 2) Sumerja completamente el instrumento en el desinfectante. 3) Respete el tiempo de exposición recomendado por el fabricante (al menos 10 minutos para una solución al 2% de Sekusept® aktiv). 4) Utilice una jeringa de 20 ml llena de desinfectante para lavar los canales del instrumento, los orificios ciegos y otras áreas de difícil acceso al menos cinco veces. a. Preste atención a las áreas donde la inspección visual no es factible para verificar la limpieza. 5) Después de 5 minutos de exposición, active el limpiador ultrasónico durante 5 minutos más. 6) Apague el limpiador ultrasónico. 7) Retire el dispositivo del desinfectante. 8) Enjuague el dispositivo con agua corriente durante al menos 1 minuto. 9) Realice un enjuague secundario con agua desionizada. 10) Limpie el dispositivo con un paño o toalla de un solo uso y sin pelusas o séquelo con una pistola de aire comprimido. Limpieza y desinfección: Automatizada Si queda suciedad visible en

Limpieza y desinfección: Automatizado

Si queda suciedad visible en huecos, agujeros, superficies de unión, roscas y otras áreas de difícil acceso: comience con la limpieza previa (consulte la limpieza previa arriba) y continúe con la limpieza manual. **Equipamiento:** Lavadora desinfectadora según DIN EN ISO 15883-1+-2 con programa térmico (temperatura 90-93oC), detergente ligeramente alcalino (p. ej. Sekumatic® MultiClean 200 ml), toallitaotoalla sin pelusas o pistola deaire comprimido conectada a aire comprimido degrado médico (según Farmacopea Europea).

1) Coloque todos los componentes de los instrumentos en una bandeja compatible dentro de un módulo portacargas designado para la lavadora desinfectadora, o conéctelos con sus canales huecos. a un módulo portador de carga diseñado para instrumentos de cirugía mínimamente invasiva.
2) Una vez que la puerta esté bien cerrada, inicie el ciclo térmico, con los parámetros del programa descritos en la siguiente tabla.
3) Al finalizar el ciclo, recuperar los instrumentos.
4) Inspeccione los instrumentos para asegurarse de que estén completamente secos. Si queda humedad, utilice un paño o toalla de un solo uso y sin pelusa para secarlos o, alternativamente, aplique una pistola de aire comprimido con aire comprimido para el secado.

Paso del programa	Agua	Dosis	Tiempo	Temperatura
Pre-enjuague	Fría		5 minutos	
Limpiador dosificado		De acuerdo a del fabricante instrucciones		De acuerdo a del fabricante instrucciones
Cleaning	Deionized water		10 minutos	55°C
Rinse	Deionized water		2 minutos	
Disinfection	Deionized water		Valor de Ao >3000 (por ejemplo, 5 minutos, 90oC)	
El secado			15 minutos	Hasta 120ºC

Las autoridades públicas podrán adoptar otras disposiciones de aplicación (parámetros para la eficacia de la desinfección) dentro de su ámbito de responsabilidad.

Mantenimiento, Inspección y Pruebas:

Equipo: Lubricante esterilizable por vapor sin silicona, permitido para su uso en productos médicos según el fabricante (p. ej. Sterilit®, spray de B. BRAUN Aesculap u otros fabricados).

- Bajo una iluminación adecuada, examine todas las partes del instrumento en busca de restos de tierra. Si se detecta suciedad, repita los pasos de limpieza manual (incluida la limpieza previa) y los procesos de desinfección automatizados o manuales hasta que los componentes estén visiblemente limpios.
- Verifique que el instrumento esté completo, que no haya daños y que funcione correctamente.
- Examine los componentes alargados del dispositivo en busca de signos de flexión o distorsión.
- No continúe con ningún instrumento dañado.
- Aplique un lubricante compatible con la esterilización por vapor sin silicona a todas las partes móviles del instrumento.

Embalaje:

El embalaje debe estar en un sistema de barrera estéril que cumpla con las normas DIN EN ISO 11607 o DIN 58953. (Para fines de validación, se utilizará papel de esterilización de doble capa se emplearon envolturas)

Esterilización:

Equipo: La esterilización debe realizarse utilizando un esterilizador que cumpla con las normas DIN EN 13060 y/o DIN EN 285.

- Emplee un proceso de esterilización previo al vacío a temperaturas que oscilan entre 134 °C y 137 °C, con una duración mínima de esterilización de 3 a 3,5 minutos.
- Esterilice el dispositivo en su estado desmontado.

1) Coloque el dispositivo empaquetado en la cámara del esterilizador.
2) Activar el ciclo de esterilización.
3) Una vez completado el ciclo, extraiga con cuidado el dispositivo y déjelo enfriar a temperatura ambiente.
4) Asegure la integridad del paquete verificando que el sello esté seguro y que el

Almacenamiento:

Respete las condiciones de almacenamiento y las pautas de vida útil establecidas por el procesador.

- Los instrumentos deben almacenarse en un ambiente seco, limpio y libre de humedad, sin irradiación solar directa.
- No los almacene en lugares donde los productos químicos puedan emitir vapores corrosivos o donde las fluctuaciones de temperatura y humedad puedan provocar que los vapores se condensen en los instrumentos.

Adicional Información:

El procesamiento de dispositivos médicos sólo debe realizarse mediante procedimientos validados.

Símbolos utilizados en Etiquetado:

	Fabricante	NON STERILE	No estéril
EC REP	Representante autorizado en la Comunidad Europea		Consultar instrucciones de uso.
REF	Numero de catalogo		Mantener alejado de la lluvia
LOT	Numero de lote		Mantener alejado de la luz solar
	Ver instrucciones de uso.	SERIAL	Número de serie

SURTEX INSTRUMENTS

Crafted to Excellence

ISTRUZIONI PER IL RIGENERAZIONE DEGLI STRUMENTI CHIRURGICI RIUTILIZZABILI

Si prega di leggere tutte le informazioni contenute in questo inserto. L'utilizzo di un apparecchio per un compito diverso da quello a cui è destinato, così come una manutenzione impropria, inefficace ed insufficiente possono ridurre notevolmente I costi durata del dispositivo e ne invaliderà la garanzia. Una manipolazione e una cura errate nonché un uso improprio possono comportare un'usura prematura o causare pericoli per pazienti e utenti.

PRODOTTI:

- Manici per bisturi, coltelli, seghe
- Forbici
- Pinza
- Applicatori di cotone
- Rasatori
- Calibri
- Cannule e siringhe
- Rongeurs e pugni
- Rullanti
- Trocar e lame
- Bougies, Spatole
- Holloware, Vassoi per strumenti
- Ganci
- Curette e misurini
- Porta aghi
- Pinze per tessuti e dissezione
- Morsetti
- Laringoscopio
- Pinze e punzoni per biopsia
- Bavaglio alla bocca
- Cacciaviti
- Lime/raspe/tronchesi/punteruoli per ossa
- Ago di aspirazione
- Passafilo/legatura
- Pinze per trattenere e tagliare ossa
- Elevatori e osteotomi
- Speculum vaginali e rettali
- Scalpello e sgorbie per ossa
- Speculum per occhi/orecchi/nasi
- Divaricatore e divaricatore per costole
- Dilatatori/spogliarelliste
- Sonde, aghi
- Specchi dentali
- Martelli e mazze
- Pinza per presa e torsione del filo
- Diapason

USO PREVISTO:	Surtex produce strumenti chirurgici standard, progettati per l'uso di routine nelle procedure chirurgiche generali. Tuttavia, la scelta è responsabilità del chirurgo curante gli strumenti adeguati per specifiche procedure o applicazioni operative. Inoltre, il chirurgo è responsabile di garantire che il personale della sala operatoria sia adeguatamente operativo formati e informati e che possiedano l'esperienza necessaria per utilizzare gli strumenti in modo efficace.
AVVERTENZE: 	• Tutti i tipi di strumenti chirurgici vengono forniti non sterili. • Ogni strumento deve essere sottoposto a processi di pulizia, disinfezione e sterilizzazione prima e dopo ogni utilizzo. • Si sconsiglia l'utilizzo di detergenti fortemente alcalini o acidi.
Limitazioni su Ritrattamento:	• Gli strumenti chirurgici riutilizzabili sono progettati per resistere ad un massimo di 50 cicli di risterilizzazione. Quando gli strumenti raggiungono tale numero sono da eliminare in ogni caso. • Segni di usura o danni subiti durante le procedure chirurgiche in genere indicano la fine della vita di un prodotto.
ISTRUZIONI	
Punto di utilizzo:	• Utilizzare un panno usa e getta o un tovagliolo di carta per rimuovere eventuali detriti in eccesso. • Assicurarsi che tutti gli strumenti siano sottoposti a un risciacquo con acqua ad alta pressione
Contenimento e trasporto:	• Si consiglia di trasportare gli strumenti contaminati in un contenitore sigillato e pulito. • È consigliabile ricondizionare lo strumento entro 2 ore dall'uso.
Preparazione per decontaminazione:	I dispositivi di protezione individuale, inclusi guanti, grembiule resistente all'acqua, una visiera o occhiali di sicurezza, devono essere indossati secondo le istruzioni del produttore per i detergenti e disinfettanti utilizzati.
Pulizia: Manualmente	Prima della pulizia manuale e della successiva disinfezione manuale: eseguire la pre-pulizia (vedere pre-pulizia sopra). **Attrezzatura:** un detergente multienzimatico (ad esempio Sekusept® MultiEnzyme di ECOLAB (www.ecolab.com), spazzole a setole morbide, un contenitore per detersivo e acqua del rubinetto (20±2°C) che soddisfi almeno gli standard dell'acqua potabile secondo le linee guida RKI. 1) Il detergente è preparato secondo le istruzioni del produttore (ad esempio Sekusept® MultiEnzyme soluzione al 2%). 2) Immergere il dispositivo nella soluzione detergente. 3) Tempo di esposizione secondo le istruzioni del produttore (almeno 15 minuti per la soluzione Sekusept® MultiEnzyme al 2%). 4) Mentre lo strumento è immerso, strofinare le superfici esterne e le eventuali fessure con una spazzola per rimuovere i residui. 5) Con lo spazzolino pulire almeno 15 volte le superfici interne dello strumento, le scanalature e i fori ciechi per eliminare i contaminanti superficiali. 6) Durante il tempo di esposizione, mentre il dispositivo è bagnato, spazzolare il canale all'interno degli strumenti chirurgici per almeno 15 volte e spazzolare tutte le altre aree difficili da raggiungere e accessibili aree all'interno del dispositivo per rimuovere tutto lo sporco visibile con una spazzola morbida. Prestare attenzione alle zone critiche e difficili da raggiungere dove non è possibile valutare l'efficacia della pulizia dei dispositivi mediante ispezione visiva. 7) Estrarre lo strumento dalla soluzione detergente. 8) Sciacquare lo strumento sotto acqua corrente per un minuto, assicurandosi che tutte le superfici siano accuratamente lavate. 9) Ispezionare lo strumento per verificarne la pulizia. Se la contaminazione è visibile, ripetere le fasi di pulizia.
Disinfezione: Manualmente	**Attrezzatura:** disinfettante a base di perossido (ad esempio Sekusept® aktiv di ECOLAB (www.ecolab.com), serbatoio disinfettante, acqua di rubinetto (20±2°C) almeno di qualità potabile (secondo la direttiva RKI), bagno a ultrasuoni (35 kHz), acqua deionizzata (secondo la raccomandazione KRINKO/BfArM priva di microrganismi patogeni facoltativi), un panno o un asciugamano anti-pelucchi o una pistola ad aria compressa con aria medicale compressa (conforme alla Farmacopea Europea), una siringa sterile da 20 ml 1) Preparare la soluzione disinfettante in una lavatrice ad ultrasuoni secondo le istruzioni del produttore (ad esempio una soluzione al 2% di Sekusept® aktiv). 2) Immergere completamente lo strumento nel disinfettante. 3) Rispettare il tempo di esposizione consigliato dal produttore (almeno 10 minuti per una soluzione al 2% di Sekusept® aktiv). 4) Utilizzare una siringa da 20 ml riempita di disinfettante per lavare i canali dello strumento, i fori ciechi e altre aree difficili da raggiungere almeno cinque volte. UN. Prestare attenzione alle aree in cui non è possibile effettuare un'ispezione visiva per verificarne la pulizia. 5) Dopo 5 minuti di esposizione, attivare il pulitore ad ultrasuoni per altri 5 minuti. 6) Spegnere il pulitore ad ultrasuoni. 7) Rimuovere il dispositivo dal disinfettante. 8) Sciacquare il dispositivo sotto l'acqua corrente del rubinetto per almeno 1 minuto. 9) Eseguire un risciacquo secondario utilizzando acqua deionizzata. 10) Pulire il dispositivo con una salvietta o un asciugamano monouso senza pelucchi oppure asciugarlo con una pistola ad aria compressa. Pulizia e disinfezione: automatizzata se rimane sporco visibile

Pulizia e disinfezione: Automatizzato

Se rimane dello sporco visibile negli spazi vuoti, nei fori, nelle superfici di giunzione, nelle filettature e in altre aree difficili da raggiungere: iniziare con la pre-pulizia (vedere pre-pulizia sopra) e continuare con la pulizia manuale. **Dotazione:** termodisinfettore conforme alla norma DIN EN ISO 15883-1+-2 con programma termico (temperatura 90-93oC), detergente leggermente alcalino (ad es. Sekumatic® MultiClean 200 ml), una salvietta o un asciugamano anti-pelucchi o una pistola ad aria collegata ad aria compressa di grado medico (secondo la Farmacopea Europea).

1) Posizionare tutti i componenti degli strumenti su un vassoio compatibile all'interno di un modulo di carico previsto per il termodisinfettore o collegarli con i relativi canali cavi a un modulo portacarico progettato per strumenti chirurgici minimamente invasivi.
2) Una volta chiusa saldamente la porta, avviare il ciclo termico, con i parametri del programma indicati nella tabella seguente.
3) Al termine del ciclo recuperare gli strumenti.
4) Ispezionare gli strumenti per assicurarsi che siano completamente asciutti. Se rimane dell'umidità, utilizzare un panno o un asciugamano monouso privo di lanugine per asciugarli o, in alternativa, applicare una pistola ad aria compressa con aria compressa per l'asciugatura.

Fase del programma	Acqua	Dosaggio	Tempo	Temperatura
Prerisciacquo	Fredda		5 minuti	
Dosage cleaner		Secondo del produttore Istruzioni		Secondo del produttore Istruzioni
Pulizia	Acqua deionizzata		10 minuti	55°C
Risciacquo	Acqua deionizzata		2 minuti	
Disinfezione	Acqua deionizzata		Valore Ao >3000 (ad esempio 5 minuti, 90°C)	
Essiccazione			15 minuti	Fino a 120°C

Public authorities may adopt other implementing provisions (parameters for disinfection performance) within their field of responsibility

Manutenzione, Ispezione e Test:

Attrezzatura: lubrificante sterilizzabile a vapore privo di silicone consentito per l'uso su prodotti medici secondo il produttore (ad es. Sterilit®, spray di B. BRAUN Aesculap o altri fabbricanti).

- Sotto un'illuminazione adeguata, esaminare attentamente tutte le parti dello strumento per individuare eventuali residui di terreno. Se viene rilevata sporcizia, ripetere le fasi di pulizia manuale (inclusa la pre-pulizia) e i processi di disinfezione automatizzati o manuali finché i componenti non sono visibilmente puliti.
- Verificare la completezza dello strumento, eventuali danni e il corretto funzionamento.
- Esaminare i componenti allungati del dispositivo per individuare eventuali segni di piegatura o distorsione.
- Non procedere con strumenti danneggiati.
- Applicare un lubrificante compatibile con la sterilizzazione a vapore privo di silicone su tutte le parti mobili dello strumento.

Confezione:

L'imballaggio deve essere realizzato in un sistema di barriera sterile conforme agli standard DIN EN ISO 11607 o DIN 58953. (A scopo di convalida, carta per sterilizzazione a doppio strato sono stati utilizzati gli involucri)

Confezione:

Attrezzatura: la sterilizzazione deve essere eseguita utilizzando uno sterilizzatore conforme alle norme DIN EN 13060 e/o DIN EN 285.

- Utilizzare un processo di sterilizzazione pre-vuoto a temperature comprese tra 134°C e 137°C, con una durata minima di sterilizzazione compresa tra 3 e 3,5 minuti.
- Sterilizzare il dispositivo nel suo stato smontato.

1) Posizionare il dispositivo confezionato nella camera dello sterilizzatore.
2) Attivare il ciclo di sterilizzazione.
3) Una volta terminato il ciclo, estrarre con attenzione il dispositivo e lasciarlo raffreddare a temperatura ambiente.
4) Garantire l'integrità del pacco controllando che il sigillo sia ben saldo e la

Magazzinaggio:

Rispettare le condizioni di conservazione e le linee guida sulla durata di conservazione stabilite dall'azienda di trasformazione.

- Gli strumenti devono essere conservati in un ambiente asciutto, pulito e privo di umidità, senza irradiazione solare diretta.
- Non conservarli in luoghi in cui le sostanze chimiche possono emettere fumi corrosivi o dove le fluttuazioni della temperatura e dell'umidità possono causare la condensazione dei vapori sugli strumenti.

Ulteriori Informazione:

Il trattamento dei dispositivi medici deve essere effettuato esclusivamente utilizzando procedure convalidate.

Simboli utilizzati su Etichettatura:

	Produttrice	NON STERILE	Non sterile
EC REP	Rappresentante Autorizzato nella Comunità Europea		Consultare le istruzioni per l'uso
REF	Numero di catalogo		Tenere lontano dalla pioggia
LOT	Numero di lotto		Tenere lontano dalla luce solare
	Vedi le istruzioni per l'uso	SERIAL	Numero di serie

SURTEX INSTRUMENTS

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INSTRUCTIES VOOR HERVERWERKING VAN HERBRUIKBARE CHIRURGISCHE INSTRUMENTEN

Lees alle informatie in deze bijsluiter. Het gebruik van een apparaat voor een andere taak dan waarvoor het bedoeld is, evenals onoordeelkundig, ineffectief en onvoldoende onderhoud kunnen de levensduur van een apparaat en vervalt de garantie van het apparaat. Onjuiste behandeling en onderhoud, evenals misbruik, kunnen tot voortijdige slijtage leiden of gevaren voor patiënten en gebruikers veroorzaken.

PRODUCTEN:

- Scalpelhandvatten, messen, zagen
- Schaar
- Tang
- Katoenen applicators
- Raspatoriën
- Remklauwen
- Canules en spuiten
- Rongeurs en stoten
- strikken
- Trocars en messen
- Bougies, Spatels
- Holloware, Instrumenten Trays
- Haken
- Curette en schepjes
- Naaldhouders
- Weefsel- en ontleedpincetten
- Klemmen
- Laryngoscoop
- Biopsietangen en stoten
- Mondknevel
- Schroevendraaiers
- Botvijlen/raspen/kniptangen/priemen
- Aspiratienaald
- Draad-/ligatuurpasser
- Bothoud- en snijtang
- Liften en osteotoom
- Vaginale en rectale speculums
- Botbeitel en gutsen
- Oog/oor/neusspeculums
- Ribspreider en oprolmechanismen
- Dilators/strippers
- Sondes, naalden
- Tandheelkundige spiegels
- Hamers en hamers
- Draadvasthoud- en draaipincet
- Stemvork

BEOOGD GEBRUIK:	Surtex produceert de standaard chirurgische instrumenten, ontworpen voor routinematig gebruik bij algemene chirurgische ingrepen. Niettemin is het de verantwoordelijkheid van de behandelend chirurg om te selecterenmde geschikte instrumenten voor specifieke procedures of operatieve toepassingen. Bovendien is de chirurg er verantwoordelijk voor dat het personeel in de operatiekamer adequaat is opgeleid en geïnformeerd zijn, en dat zij over de nodige ervaring beschikken om de instrumenten effectief te kunnen gebruiken.
WAARSCHUWINGEN: 	• Alle soorten chirurgische instrumenten worden niet-steriel geleverd. • Elk instrument moet vóór en na elk gebruik een reinigings-, desinfectie- en sterilisatieproces ondergaan. • Het gebruik van sterk alkalische of zure reinigingsmiddelen wordt afgeraden.
Beperkingen aan Herverwerking:	• Herbruikbare chirurgische instrumenten zijn ontworpen om maximaal 50 hersterilisatiecycli te doorstaan. Wanneer de instrumenten dat aantal bereiken, moeten ze in ieder geval worden weggegooid. • Tekenen van slijtage of schade opgelopen tijdens chirurgische ingrepen duiden doorgaans op het einde van de levensduur van een product.
INSTRUCTIES	
Gebruikspunt:	• Gebruik een wegwerpdoek of papieren handdoek om overtollig vuil weg te vegen. • Zorg ervoor dat alle instrumenten worden onderworpen aan een hogedrukwaterspoeling
Insluiting en vervoer:	• Het is raadzaam om besmette instrumenten in een afgesloten en schone container te vervoeren. • Het is het beste om het instrument binnen 2 uur na gebruik opnieuw te verwerken.
Voorbereiding voor decontaminatie:	Persoonlijke beschermingsmiddelen, waaronder handschoenen, een waterbestendig schort, een gelaatsscherm of een veiligheidsbril, moeten worden gedragen in overeenstemming met de instructies van de fabrikant voor de gebruikte reinigings- en desinfectiemiddelen.
Schoonmaak: Handmatig	Voorafgaand aan de handmatige reiniging en daaropvolgende handmatige desinfectie: Voer een voorreiniging uit (zie de voorreiniging hierboven). **Uitrusting:** een multi-enzymatisch wasmiddel (bijvoorbeeld Sekusept® MultiEnzyme van ECOLAB (www.ecolab.com), borstels met zachte haren, een container voor wasmiddel en leidingwater (20±2°C) voldoet ten minste aan de drinkwaternormen volgens de RKI-richtlijnen. 1) De reiniger wordt bereid volgens de instructies van de fabrikant (bijv. Sekusept® MultiEnzyme 2% oplossing). 2) Dompel het apparaat in een reinigingsoplossing. 3) Blootstellingstijd volgens de instructies van de fabrikant (minimaal 15 minuten voor Sekusept® MultiEnzyme 2% oplossing). 4) Terwijl het instrument ondergedompeld is, schrobt u de buitenoppervlakken en eventuele spleten met een borstel om resten te verwijderen. 5) Reinig de interne oppervlakken, groeven en blinde gaten van het instrument minstens 15 keer met de borstel om oppervlakteverontreinigingen te verwijderen. 6) Tijdens de blootstellingstijd, terwijl het apparaat doordrenkt is, borstelt u het kanaal in de chirurgische instrumenten minstens 15 keer, en borstelt u alle andere moeilijk bereikbare en toegankelijke plaatsen. gebieden in het apparaat om al het zichtbare vuil met een zachte borstel te verwijderen. Besteed aandacht aan de kritieke en moeilijk bereikbare plaatsen waar niet mogelijk is om de reinigingseffectiviteit van de apparaten te beoordelen door middel van visuele inspectie. 7) Haal het instrument uit de reinigingsoplossing. 8) Spoel het instrument gedurende één minuut af onder stromend kraanwater en zorg ervoor dat alle oppervlakken grondig worden gewassen. 9) Inspecteer het instrument op reinheid. Als er vervuiling zichtbaar is, herhaal dan de reinigingsstappen.
Desinfectie: Handmatig	**Apparatuur:** Desinfectiemiddel op peroxidebasis (bijv. Sekusept® aktiv van ECOLAB (www.ecolab.com), desinfectiemiddeltank, leidingwater (20±2°C) van minimaal drinkwaterkwaliteit (conform RKI-richtlijn), ultrasoonbad (35 kHz), gedeïoniseerd water (conform KRINKO/BfArM-aanbeveling vrij van facultatief pathogene micro-organismen), pluisvrij doekje of handdoek of luchtpistool met medische perslucht (conform Europese Farmacopee), een steriele spuit van 20 ml 1) Bereid de desinfecterende oplossing in een ultrasone reiniger volgens de instructies van de fabrikant (bijvoorbeeld een 2% oplossing van Sekusept® aktiv). 2) Dompel het instrument volledig onder in het desinfectiemiddel. 3) Houd u aan de door de fabrikant aanbevolen inwerktijd (minimaal 10 minuten voor een 2% oplossing van Sekusept® aktiv). 4) Gebruik een spuit van 20 ml gevuld met desinfectiemiddel om de kanalen, blinde gaten en andere moeilijk bereikbare plaatsen van het instrument minstens vijf keer door te spoelen. A. Besteed aandacht aan gebieden waar visuele inspectie niet mogelijk is om de reinheid te verifiëren. 5) Activeer na 5 minuten inwerktijd de ultrasoonreiniger nog eens 5 minuten. 6) Schakel de ultrasoonreiniger uit. 7) Haal het apparaat uit het desinfectiemiddel. 8) Spoel het apparaat minimaal 1 minuut af onder stromend kraanwater. 9) Voer een secundaire spoeling uit met gedeïoniseerd water. 10) Veeg het apparaat af met een pluisvrij doekje of handdoek voor eenmalig gebruik, of droog het met een luchtpistool met perslucht. Reiniging en desinfectie: Geautomatiseerd Als zichtbaar vuil achterblijft

Schoonmaken en desinfectie: Geautomatiseerd

Als er zichtbaar vuil achterblijft in spleten, gaten, verbindingsoppervlakken, schroefdraden en andere moeilijk bereikbare plaatsen: Begin met de voorreiniging (zie de voorreiniging hierboven) en ga verder met de handmatige reiniging. **Uitrusting:** Wasmachine-desinfector volgens DIN EN ISO 15883-1+-2 met thermisch programma (temperatuur 90-93oC), mild alkalisch reinigingsmiddel (bijv. Sekumatic® MultiClean 200 ml), pluisvrij doekje of handdoek of luchtpistool aangesloten op perslucht van medische kwaliteit (conform Europese Farmacopee).

1) Plaats alle componenten van de instrumenten op een compatibele bak in een lastdragermodule die bedoeld is voor de endoscopendesinfector, of verbind ze met hun holle kanalen tot een lastdragermodule die is ontworpen voor minimaal invasieve chirurgische instrumenten.
2) Zodra de deur goed gesloten is, start u de thermische cyclus, met de programmaparameters die in de volgende tabel worden beschreven.
3) Na voltooiing van de cyclus haalt u de instrumenten eruit.
4) Inspecteer de instrumenten om er zeker van te zijn dat ze volledig droog zijn. Als er vocht achterblijft, gebruik dan een pluisvrije doek of handdoek voor eenmalig gebruik om deze te drogen, of gebruik eventueel een luchtpistool met perslucht voor het drogen.

Programma Stap	Water	Dosering	Tijd	Temperatuur
Voorspoelen	Koud		5 minuten	
Dosering reiniger		Volgens fabrikant instructies		Volgens fabrikant instructies
Schoonmaak	Gedeïoniseerd water		10 minuten	55°C
Afspoelen	Gedeïoniseerd water		2 minuten	
Disinfection	Gedeïoniseerd water		Ao value >3000 (e.g. 5 minuten, 90oC)	
Drogen			15 minuten	Tot 120°C

Overheidsinstanties kunnen binnen hun verantwoordelijkheidsgebied andere uitvoeringsbepalingen (parameters voor desinfectieprestaties) vaststellen

Onderhoud, Inspectie en Testen:

Uitrusting: Siliconenvrij stoomsteriliseerbaar smeermiddel toegestaan voor gebruik op medische producten volgens de fabrikant (bijv. Sterilit®, spray van B. BRAUN Aesculap of andere verzinsels).

- Onderzoek bij voldoende verlichting alle onderdelen van het instrument nauwkeurig op eventueel achtergebleven vuil. Als er vuil wordt gedetecteerd, herhaal dan de handmatige reinigingsstappen (inclusief voorreiniging) en ofwel de geautomatiseerde of handmatige desinfectieprocessen totdat de componenten zichtbaar schoon zijn.
- Controleer het instrument op volledigheid, eventuele schade en juiste functionaliteit.
- Onderzoek langwerpige onderdelen van het apparaat op tekenen van verbuiging of vervorming.
- Ga niet verder met een beschadigd instrument.
- Breng een siliconenvrij smeermiddel aan dat geschikt is voor stoomsterilisatie op alle bewegende delen van het instrument.

Verpakking:

De verpakking moet zich in een steriel barrièresysteem bevinden dat voldoet aan de normen DIN EN ISO 11607 of DIN 58953. (Voor validatiedoeleinden dubbellaags sterilisatiepapier er werden wraps gebruikt)

Sterilisatie:

Uitrusting: Sterilisatie moet worden uitgevoerd met behulp van een sterilisator die voldoet aan de normen DIN EN 13060 en/of DIN EN 285.

- Gebruik een prevacuümsterilisatieproces bij temperaturen variërend van 134°C tot 137°C, met een minimale sterilisatieduur van 3 tot 3,5 minuten.
- Steriliseer het apparaat in gedemonteerde staat.

1) Plaats het verpakte apparaat in de sterilisatiekamer.
2) Activeer de sterilisatiecyclus.
3) Zodra de cyclus is voltooid, haalt u het apparaat voorzichtig eruit en laat u het afkoelen tot kamertemperatuur.
4) Zorg ervoor dat de verpakking intact is door te controleren of de verzegeling goed vastzit en of de verpakking goed is

Opslag:

Houd u aan de bewaarcondities en houdbaarheidsrichtlijnen opgesteld door de verwerker.

- Instrumenten moeten worden bewaard in een droge, schone en vochtvrije omgeving, zonder directe zonnestraling.
- Bewaar ze niet op plaatsen waar chemicaliën corrosieve dampen kunnen afgeven of waar fluctuerende temperatuur of vochtigheid ervoor kunnen zorgen dat dampen op de instrumenten condenseren.

Aanvullend Informatie:

Verwerking van medische hulpmiddelen mag alleen worden uitgevoerd met behulp van gevalideerde procedures.

Symbolen gebruikt op Etikettering:

	Fabrikant		Niet-steriel
EC REP	Geautoriseerde vertegenwoordiger in de Europese Gemeenschap		Raadpleeg de gebruiksaanwijzing
REF	Catalogus nummer		Blijf uit de buurt van regen
LOT	Lotnummer		Uit de buurt van zonlicht houden
	Zie gebruiksaanwijzing	SERIAL	Serienummer

ALPHABETICAL **INDEX**

SURTEX
INSTRUMENTS

Crafted to Excellence

Alphabetical Index

A

	Pages
Adson	
Dressing Forcep	123
Dissecting Forcep	124
Agarwal	
Karate Phaco Chopper	50
Agricola,	
Lacrimal Sac Retractor	10
AK	
Diamond Knife	19
Akahoshi	
Nucleus Sustainer	47
Phaco PreChopper	152
Aker	
Lens Pusher	62
Alfonso	
Eye Speculum	2
Nucleus Irrigating Spoon	37
Nucleus Trisector	66
Cutting Platform	68
Nucleus Grasping Forcep	152
Alio	
LASIK Irrigation Cannula	33
MICS Scissor	120
MICS Capsulorrhexis Forcep	128
Alio-Kelman	
IOL Hook	62
Anis	
Nucleus Manipulator	56
Radial Marker	89
Arruga	
Micro Burr	17
Capsule Forcep	151
Atkinson	
Retrobulbar Needle	30
Ayer	
Chalazion Forcep	162

B

Backhaus	
Towel Clamp	164
Baird	
Chalazion Forcep	160
Banaji	
LASIK Cannula	34
Bangerter	
Eye Speculum	3
Muscle Clamp	157
Bard-Parker	
Scalpel Handle	93
Barkan	
Goniotomy Knife	15
Barraquer	
Eye Speculum	1-2
Iris Spatula	45
Iris Scissor	107
Cilia Forcep	126
Micro Needle Holder	170-173
Blade Holder/Breaker	94
Barraquer-Troutman	
Micro Needle Holder	174
Barrett	
Nucleus Expressor	63
Bechert	
Nucleus Rotator	54
Lens Pusher	62
Lens Holding Forcep	156
Beer	
Cilia Forcep	126
Berke	
Ptosis	158

B

	Pages
Binder	
Flap Separator & Elevator	58
Bishop-Harmon	
Anterior Chamber Irrigator	32
Iris Forcep	137
Dressing Forcep	138
Blaydes	
Lens Holding Forcep	156
Blumenthal	
Conjunctiva Dissector	40
Bonaccolto	
Conjunctival Forcep	149
Bonfadini	
DALK Spatula	43
Bonn	
Scleral Knife	11
Micro Iris Hook	74
Corneal Forcep	133
Iris Scissor	96
Botvin	
Iris Forcep	130
Bowman	
Lacrimal Probe	179
Bracken	
Irrigation Cannula	33
Braunstein	
Caliper	90
Brierley	
LASIK Cannula	35
Nucleus Splitter	51
Brown	
Needle Holder	167
Bucher-Kansas	
Nucleus Trisector	66
Bunge	
Evisceration Spoon	72
Buratto	
LASIK Cannula	35
LASIK Flap Protector	40-41
LASIK Flap Forcep	143
IOL Inserting Forcep	155

C

Camellin	
LASEK Trephine	25
Carter	
LASIK Cannula	34
Sphere Introducer	71
Castroviejo	
Eye Speculum	5
Synechia Spatula	63
Cyclodialysis Spatula	63
Corneoscleral Scissor	108
Universal Corneal Scissor	111
Keratoplasty Scissor	112
Suture Tying Forcep	135-136
Capsule Forcep	151
Micro Needle Holder	169
Caliper	177
Blade Holder/Breaker	94
Castroviejo-Colibri	
Corneal Forcep	132
Chang	
Hydrodissection Cannula	36
Phaco Chopper	49-50
Charleux	
Cortex Extractor	36
Chavasse	
Strabismus Hook	86

Alphabetical Index

C

	Pages
Chayet	
Corneal Marker	86
Christensen	
Punctum Punch	26
Citelli	
Mastoid Rongeur	165
Clayman	
Nucleus Rotator	54
Lens Holding Forcep	157
Clayman-Jaffe	
Lens Manipulating Hook	75
Colibri	
Corneal Forcep	130-131
Corbin	
Sub Tenon's Anesthesia Cannula	30
Cottle	
Bone Mallet	179
Crawford	
Retrieval Hook	92
Lacrimal Intubation Set	92
Crescent	
Diamond Knife	21
Culler	
Iris Spatula	44
Lens Spoon	69

D

DALK	
Air Injection Cannula	28
Corneal Dissector	43
Dastoor	
Gouge & Lacrimal Sac Dissector	11
Pupil and Iris Repositor	44
Erisophake (Bell)	72
De La O	
Aspirating Cannula	36
Deitz	
ICL Manipulator	80
Desmarres	
Lid Retractor	8, 178
Chalazion Forcep	161
Entropian Forcep	162
Dix	
Foreign Spud & Gouge	17
DLEK	
Corneal Dissector	12
Dodick	
Nucleus Cracker	152
IOL Folding Forcep	153
Dodick-Kammann	
Nucleus Chopper	51
Double-X	
Eye Speculum	5
Downes	
Lid Clamp	160
Drews	
Irrigation Vectis	36
Drof	
Infusion Cannula	37
Drysdale	
Nucleus Manipulator	55

E

	Pages
Elliot	
Scleral Trephine	25
Ellis	
Foreign Body Spud	16
Elschnig	
Cyclodialysis Spatula	62
Fixation Forcep	139
Enucleation	
Scissor	101
Erhardt	
Lid Forcep	159
Ernest	
Nucleus Cracker	152
Escaf	
Nucleus Manipulator	46
Nucleus Sustainer	47
Nucleus Divider	52

F

Faulkner	
Lens Holding Forcep	155
Feaster	
Wire Speculum	1
Fechtner	
Trabeculectomy Marker	89
Conjunctival Forcep	132
Fenzl	
Lens Manipulating Hook	79
Fine	
Micro Scissor	115
Suture Tying Forcep	148
Fine-Thornton	
Fixation Ring	82
Flieringa	
Fixation Ring	6
Foster	
Enucleation Snare	71
Francis	
Foreign Body Spud	16
Chalazion Forcep	161
Frankel	
Eye Speculum	2
Friedman	
Bone Rongeur	179
Fukasaku	
Hockey Knife	14
Sub Tenon's Anesthesia Cannula	30
LASIK Cannula	34
Hydro-Chop Cannula	36
Snapper Hook	52
Snapper Hook & Small Pupil	53
LASIK Spatula	58
Fukasaku-Lieberman	
Nucleus Manipulator and Hook	48

Alphabetical Index

G

	Pages
Gass	
Scleral Marker	7
Corneoscleral Punch	26
Retinal Detachment Hook	84
Gerl	
Suture Tying Forcep	148
Giannetti	
Nucleus Capture Spoon	68
Nucleus Capture Spatula	68
Nucleus Capture Hook	69
Push Pull Manipulator	80
Gills	
Corneal Knife	14
Irrigating - Aspirating Cannula	31
Aspirating Cannula	36
Capsulotomy Scissor	119
Gills-Colibri	
Corneal Forcep	130
Gills-Vannas	
Capsulotomy Scissor	116-118
Gimbel	
Cortex Aspirating Cannula	35
Nucleus Spatula	45
Stabilization Ring	82
Girard	
Synechia Spatula	57
Corneoscleral Forcep	137
Gold	
Punctal Plug Forcep	150
Goldman-Fox	
Gum Scissor	95
Gonnin	
Amsler Marker	7
Gradle	
Ribbon Scissor	103
Cilia Forcep	149
Graefe	
Cataract Knife	13
Dressing Forcep	129
Dissecting Forcep	129
Fixation Forcep	139
Nerve Hook	178
Graether	
Collar Button	73
Grene	
Visual Axis Marker	87
Guimaraes	
LASIK Spatula	59

H

	Pages
Halsted-Mosquito	
Haemostatic Forcep	163
Harms-Colibri	
Corneal Forcep	130
Harris-Sinskey	
Lens Manipulating Hook	75
Hartmann	
Haemostatic Forcep	163
Hartmann-Halle	
Nasal Speculum	165
Hebra	
Chalazion Curette	39
Helveston	
Tissue Retractor	9
Teaser Hook	84
Finder Hook	84
Muscle Hook	85
Scleral Ruler	89
Suture Tying Forcep	148

H

	Pages
Hersh	
IntraLase Flap Spatula	58
Heslin	
Infusion Cannula	38
Hirschmann	
Lens Spatula	60
Iris Hook	76
Hoffer	
Optic Zone Marker	88
Hoffer-McPherson	
Tissue Forcep	135
Hofmann-Thornton	
Fixation Ring	83
Holland	
DALK Scissor	108, 117
Hoskin	
Tissue Forcep	131
Hunkeler	
IOL Manipulator	61
Hwang	
Phaco Chopper	50

I

ICL	
Lens Cartridge Loading Forcep	128
ILM	
Vitrectomy Scissor	127
Inamura	
Capsulorrhexis Forcep	145
Iris	
Scissor	95-96, 102
Micro Scissor	114

J

Jaeger	
Lid Plate	9
Keratome	11
Jaffe	
Lid Retractor	8
Lens Spatula	60
Lens Manipulating Hook	75
Stitch Scissor	114
Capsulorrhexis Forcep	145
Suture Tying Forcep	146
Utility Forcep	151
Jaffe-Bechert	
Nucleus Rotator	54
Jaffe-Maltzman	
Lens Manipulating Hook	80
Jameson	
Muscle Hook	85
Muscle Forcep	157-158
Jansen	
Capsule Polisher Cannula	32
Jones	
Towel Clamp	164
Joseph	
Mucus Hook	178

Alphabetical Index

K

	Pages
Kansas	
Lens Loop	65
Nucleus Trisector	67
Nucleus Bisector	67
Nucleus Vectis	67
Katzen	
LASIK Flap Spatula	59
Katzin	
Corneal Transplant Scissor	110
Kaye	
Ribbon Facelift Scissor	103
Kellen	
Capsulorrhexis Marker	86
Kelly	
Descemet's Membrane Punch	26
Kelman	
Cystotome	31
Kelman-McPherson	
Tissue Forcep	134
Suture Tying Forcep	143
Kerrison	
Sphenoid Punch	166
Kilner	
Dissecting Scissor	95, 100
Kirby	
Lens Loop and Muscle Hook	65
Knapp	
Wound Retractor	178
Knolle	
Anterior Chamber Irrigation Cannula	33
Nucleus Spatula	46
Knolle-Pearce	
Irrigation Vectis	37
Koch	
Nucleus Spatula	46
Kraff	
Capsule Tag Forcep	144
Kratz	
Cystotome	32
Lens Holding Forcep	156
Kratz-Barraquer	
Eye Speculum	1
Kuglen	
Iris Hook and Lens Manipulator	77-78
Kuhnt	
Corneal Scarifier	12
Kurstin	
Flap Stretching Forcep	143

L

Lacrimal	
Cannula	28
Lambert	
Chalazion Forcep	160
Lancaster	
Eye Speculum	4
LASEK	
Alcohol Cannula	30
LASIK	
Flap Manipulator	60
Lester	
IOL Manipulator	61
Fixation Forcep	140
Lester-Burch	
Eye Speculum	4
Lewicky	
Lens Manipulating Hook	75

L

	Pages
Lewis	
Lens Loop	64
Lieberman	
Eye Speculum	4-5
Nucleus Manipulator	47
Nucleus Manipulatorand Spatula a	48
Lippman	
Nucleus Spatula	56
Lister	
Conjunctival Forcep	149
Utility Forcep	150
Livernois	
IOL Folding Forcep	153
IOL Holding Forcep	154
Livernois-McDonald	
IOL Inserting Forcep	155
Lordan	
Chalazion Forcep	161
LRI	
Diamond Knife	18
Lu-Mendez	
Fixation Ring and Guide	82
Luntz-Dodick	
Trabeculectomy Punch	26

M

Maddox	
LASIK Spatula	59
Maloney	
	86
Maltzman-Fenzl	
Lens Manipulating Hook	79
Manhattan	
Eye & Ear Fixation Forcep	139
Mannis-Buratto	
LASIK Flap Protector	41
Manson	
Strabismus Hook	83
Masket	
Phaco Spatula	49
Capsulorrhexis Forcep	145
McDonald	
Optic Zone Marker	87
McIntyre	
Lacrimal Cannula	28
Cystotome	32
Anterior Chamber Cannula	35
McNeill-Goldman	
Scleral Fixation Ring	6
McPherson	
Suture Tying Forcep	134, 141-142
Micro Needle Holder	168
McPherson-Vannas	
Capsulotomy Scissor	117
McPherson-Westcott	
Conjunctival Scissor	112
Stitch Scissor	113
Mead	
Bone Rongeur	179
Mellinger	
Eye Speculum	3
Mendez	
Degree Gauge	87
Multipurpose LASIK Forcep	144
Meyerhoefer	
Chalazion Curette	39
Micro	
Viscocanalostomy Knife	15
Scissor	106

Alphabetical Index

M

	Pages
Micro-Adson	
Dressing Forcep	124
Dissecting Forcep	125
Micro-Mosquito	
Haemostatic Forcep	163
MICS	
Diamond Knife	24
Minardi	
Phaco Chopper	49
Mini-Adson	
Dressing Forcep	123
Dissecting Scissor	125
Moody	
Fixation Forcep	141
Moorfield	
Conjunctival Forcep	149
Moran	
LASIK Enhancement Spatula	57
Morrison	
Lens Loop and Probe	65
Muldoon	
Lacrimal Dilator	91
Murdoch	
Eye Speculum	3

N

Nagahara	
Nucleus Spatula	52
Nucleus Chopper	52
Neuhann	
Nucleus Divider	52
New Orleans	
Lens Loop	64
Nightingale	
Capsule Polishing Curette	40
Noyes	
Iris Scissor	104-105
Nugent	
Utility Forcep	150

O

Obstbaum	
Synechia Spatula	57
Osher	
Hook	78
Iris Forcep	151
O'Gawa-Utrata	
Capsulorrhexis Forcep	145

P

Paton	
Spatula & Spoon	69
Paufique	
Graft Knife	14
Suture Tying Forcep	138
Pierce-Colibri	
Corneal Forcep	131
Pisacano	
Nucleus Rotator	55
Putterman-Muellers	
Muscle Conjunctival Resection Ptosis Clamp	159

R

Ragnell	
Dissecting Scissor	95
Rainin	
Air Injection Cannula	29
Randolph	
Cyclodialysis Cannula	29
Rentsch	
Boat Hook	78
Ribbon	
Scissor	102-103
Rosen	
Phaco Splitter	53
Rosenwasser	
DALK Cannula	28
DALK Corneal Dissector	43
Lamella Donor Shovel	70
Donor Lamella Inserting Forcep	153
Rowen	
LASIK Flap Protector/Spatula	41
Phaco Spatula	53

S

Salyer	
Ribbon Scissor	102
Sauer	
Fixation Forcep	138
Saunders	
Eye Speculum	5
Sauter	
Orbital Spatula	8
Hydrodissection Cannula	33
Schepens	
Scleral Depressor	7
Schioetz	
Tonometer	90
Schocket	
Scleral Depressor	7
Scleral	
Shield	8
Plug Removing Forcep	150
Seeley	
Hydrodissection Cannula	32
Sheets	
Irrigation Vectis	36
Shepard	
Iris Hook	74
Lens Holding Forcep	156
Shepherd	
Capsule Polishing Curette	40
Siepser	
Endocapsular Controller	55
Silverman	
Fixation Hook	81
Simcoe	
Irrigating - Aspirating Cannula	31
Cortex Extractor	35
Irrigation Lens Nucleus Loop	37
Simcoe (Reversed)	
Irrigating - Aspirating Cannula	31
Sinskey	
Lens Manipulating Hook	75-76
Sinskey (Reversed)	
Lens Manipulating Hook	74
Sinskey II	
Lens Manipulating Hook	77
Sloane	
LASIK Micro Hoe	42
Epi Peeler	42
LASIK Micro Hoe & Epi Peeler	42

Alphabetical Index

S

	Pages
LASIK Epi-Dissector	43
LASIK Flap Repositor	43
St. Martin's	
Suture Tying Forcep	138
Stahl	
Trabeculotomy Probe	90
Steinert	
IOL Inserting Forcep	154
Stern-Castroviejo	
Suture Tying Forcep	136
Stern-Gills	
Micro Scissor	119
Stevens	
Sub Tenon's Anesthesia Cannula	30
Tenotomy Hook	83
Tenotomy Scissor	97-98, 103, 122
Stevenson	
Lacrimal Sac Retractor	10
Strabismus	
Scissor	99, 102

T

Tanna-Lieberman	
Eye Speculum	4
Tennant	
Nucleus Nucleus	56
Suture Tying Forcep	146-147
Thornton	
Fixation Ring	83
Tibolt	
Punctal Scissor	113
Tooke	
Corneal Knife	12
Troutman	
Olive Tip Cannula	29
Superior Rectus Forcep	140
Micro Needle Holder	174
Troutman-Castroviejo	
Corneoscleral Scissor	109
Troutman-Katzin	
Corneal Transplant Scissor	110
Troutman-Chris	
Blade Holder/Breaker	94

U

Utrata	
Capsulorrhexis Forcep	144

V

Vannas	
Capsulotomy Scissor	115-116
Micro Scissor	121
Vitrectomy	
Scissor	120
Forcep	127
Viscoelastic	
Aspirating Cannula	29

W

	Pages
Walter	
Cataract Needle	13
Walton	
Conjunctiva Retractor	9
Foreign Body Gouge	16
Watzke	
Sleeve Spreading Forcep	159
Wecker	
Iris Scissor	107
Wells	
Enucleation Spoon	72
Westcott	
Tenotomy Scissor	112-113
Stitch Scissor	114
Wheeler	
Spatula	45
Wies	
Chalazion Forcep	161
Williams	
Eye Speculum	3
Williamson - Noble	
Micro Scissor	104
Wills	
Cautery	9
Wright	
Fascia Needle	9

Z

Ziegler	
Cataract Knife	13

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