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TREWAVIS SURGICAL CATALOGUE

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Introduction

Trewavis Surgical is a specialist manufacturer of reusable and single use sterile electrosurgical instruments and accessories, Kirschner Wires, Steinmann Pins, Retractors and a unique Rectal Biopsy Tool (SBT 100) used in paediatrics. Trewavis Surgical is an international supplier of these products.

Reusable and single use electrosurgical instruments and accessories

The Company manufactures a full range of bipolar and monopolar forceps, electrodes (general, arthroscopy, Lletz/LEEP, and specialty), laparoscopy probes/electrodes, electrode holders and leads. Non-Stick electrodes are also available.

The reusable and single use electrosurgical instruments and accessories are compatible with most electrosurgical generators and systems currently being used throughout the world.

Trewavis Surgical can manufacture electrosurgical devices to your specifications. Custom made products are non-returnable.

Kirschner wires and Steinmann pins

A full range of non-sterile bone wires and pins are manufactured, in implant grade stainless steel, to the highest international standards.

Rectal Suction Biopsy Tool (SBT 100)

This unique instrument has been designed to collect biopsy specimens to aid in the diagnosis of Hirschsprung's Disease in new-born and young children. It has been sold throughout the world since 1969.

Instrument repairs

Trewavis Surgical offers a fast, reliable and cost effective instrument repair and maintenance service. The company specialises in the reinsulation of electrosurgical devices using the highest quality insulation materials available.

Quality assurance

Trewavis Surgical offers an unsurpassed level of service and quality.

Trewavis Surgical is ISO13485 certified, FDA GMP compliant and is an FDA registered manufacturer. The company holds TGA conformity assessment certificates.

Trewavis Surgical's products conform to the requirements of the European Unions Directive 93/42/EEC on Medical Devices.

The company's Authorised Representative in the EU is:

Trewavis Surgical Instruments Pty Ltd

United Kingdom

Warranty

All products of Trewavis Surgical are shipped free of defects in materials and workmanship.

Trewavis Surgical will repair or replace, at its option, products which have been returned to it or its distributor within 30 days after shipment of the product to the original Purchaser, and which on examination discloses, to the Company's satisfaction, that the product is defective and was not the subject of misuse or modification from original specifications.

A full Warranty Statement is included with the Instructions for Use packed with each product.

Disclaimer

Pictures in the catalogue are representational only.

SINGLE USE STERILE FORCEPS WITH CABLES

BIPOLAR FORCEPS WITH 3 METRE CABLE FOR SINGLE USE



PRODUCT NUMBER	DESCRIPTION	LENGTH	TIP STYLE / WIDTH	
TSS300	Jewellers	115mm	Straight Tip	0.5mm Tip
TSS301	Adson	120mm	Smooth Tip	1.0mm Tip
TSS302	Adson	120mm	Serrated Tip	1.0mm Tip
TSS303	Straight	150mm	Smooth Tip	2.0mm Tip
TSS304	Bayonet	200mm	Smooth Tip	1.5mm Tip
TSS305	Bayonet	200mm	Smooth Tip	2.0mm Tip
TSS306	Straight	175mm	Smooth Tip	0.7mm Tip
TSS307	Adson	120mm	Smooth Tip	0.5mm Tip
TSS308	Bayonet	200mm	Smooth Tip	1.0mm Tip

MONOPOLAR FORCEPS WITH 3 METRE CABLE FOR SINGLE USE



PRODUCT NUMBER	DESCRIPTION	LENGTH	TIP STYLE / WIDTH	
TSS400	Adson	120mm	Serrated Tip	1.0mm Tip
TSS401	Straight	155mm	Smooth Tip	1.0mm Tip
TSS402	Bayonet	200mm	Serrated Tip	1.0mm Tip
TSS403	Bayonet	200mm	Serrated, Angled Tip	1.0mm Tip
TSS404	Bayonet	200mm	Serrated, Angled Tip	1.5mm Tip

AUSTRALIAN MADE SPECIAL MONOPOLAR FORCEPS

MONOPOLAR FORCEPS FOR BREAST SUGERY



PRODUCT NUMBER	DESCRIPTION
300-007	MONOPOLAR FORCEPS 200mm length

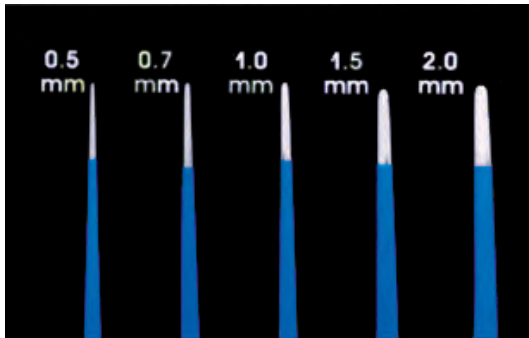
300-007 Forceps were developed originally by Trewavis Surgical as a custom made special for Breast Surgery, but can be adapted for use in various surgeries. This instrument can perform the actions of a forcep as well as a blade electrode. The forcep tips are Teflon coated and are designed so that when closed they replicate the action of a blade electrode.

The advantages of using the 300-007 in comparison to a switch pencil with blade electrode and monopolar forceps are:

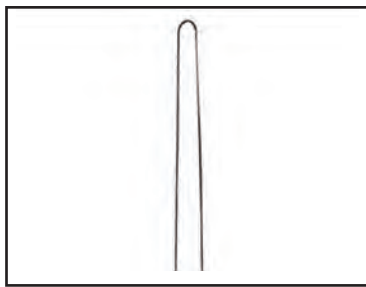
- Ability to be able to cut and seal vessels with the one instrument
- Avoid tangling of cords between multiple instruments
- Time saving
- Allows Surgeon to react faster in comparison to using 2 instruments
- Reduce blood loss of the patient

Lead to Suit: 300-730-A

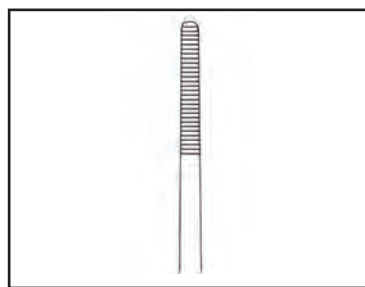
FORCEPS - TIP WIDTHS



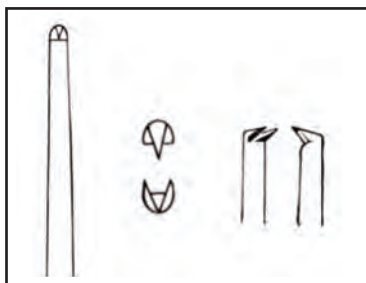
FORCEPS - TIP STYLES



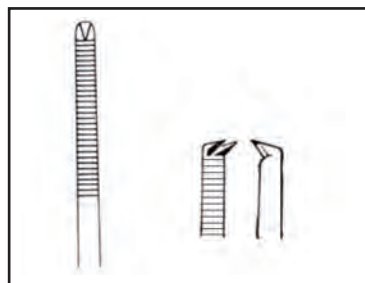
Smooth



Serrated



1 x 2 Teeth



1 x 2 Teeth Serrated

MONOPOLAR COAGULATION FORCEPS

POTTS SMITH - STRAIGHT



300-010-E Scale 1:1

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE / WIDTH		LENGTH	LEAD TO SUIT
300-010-E	Screw	Serrated	1.5mm	150mm (6")	300-710-A
300-010-F	Screw	Serrated	1.5mm	175mm (7")	300-710-A
300-010-G	Screw	Serrated	1.5mm	200mm (8")	300-710-A
300-010-I	Screw	Serrated	1.5mm	250mm (10")	300-710-A
300-015-E	2.5mm Pin	Serrated	1.5mm	150mm (6")	300-720-A
300-015-F	2.5mm Pin	Serrated	1.5mm	175mm (7")	300-720-A
300-015-G	2.5mm Pin	Serrated	1.5mm	200mm (8")	300-720-A
300-015-I	2.5mm Pin	Serrated	1.5mm	250mm (10")	300-720-A
300-016-E	4.76mm (3/16") Push/Pull	Serrated	1.5mm	150mm (6")	300-730-A
300-016-F	4.76mm (3/16") Push/Pull	Serrated	1.5mm	175mm (7")	300-730-A
300-016-G	4.76mm (3/16") Push/Pull	Serrated	1.5mm	200mm (8")	300-730-A
300-016-I	4.76mm (3/16") Push/Pull	Serrated	1.5mm	250mm (10")	300-730-A
300-017-E	4mm Push/Pull	Serrated	1.5mm	150mm (6")	300-730-B
300-017-F	4mm Push/Pull	Serrated	1.5mm	175mm (7")	300-730-B
300-017-G	4mm Push/Pull	Serrated	1.5mm	200mm (8")	300-730-B
300-017-I	4mm Push/Pull	Serrated	1.5mm	250mm (10")	300-730-B
300-020-E	Screw	1 x 2 Teeth		150mm (6")	300-710-A
300-020-F	Screw	1 x 2 Teeth		175mm (7")	300-710-A
300-020-G	Screw	1 x 2 Teeth		200mm (8")	300-710-A
300-020-I	Screw	1 x 2 Teeth		250mm (10")	300-710-A
300-021-E	2.5mm Pin	1 x 2 Teeth		150mm (6")	300-720-A
300-021-F	2.5mm Pin	1 x 2 Teeth		175mm (7")	300-720-A
300-021-G	2.5mm Pin	1 x 2 Teeth		200mm (8")	300-720-A
300-021-I	2.5mm Pin	1 x 2 Teeth		250mm (10")	300-720-A
300-022-E	4.76mm (3/16") Push/Pull	1 x 2 Teeth		150mm (6")	300-730-A
300-022-F	4.76mm (3/16") Push/Pull	1 x 2 Teeth		175mm (7")	300-730-A
300-022-G	4.76mm (3/16") Push/Pull	1 x 2 Teeth		200mm (8")	300-730-A
300-022-I	4.76mm (3/16") Push/Pull	1 x 2 Teeth		250mm (10")	300-730-A
300-023-E	4mm Push/Pull	1 x 2 Teeth		150mm (6")	300-730-B
300-023-F	4mm Push/Pull	1 x 2 Teeth		175mm (7")	300-730-B
300-023-G	4mm Push/Pull	1 x 2 Teeth		200mm (8")	300-730-B
300-023-I	4mm Push/Pull	1 x 2 Teeth		250mm (10")	300-730-B

Tip Width and Style Chart – See Page 1.3

MONOPOLAR COAGULATION FORCEPS

POTTS SMITH - BAYONET



300-050-E Scale 1:1

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE / WIDTH		LENGTH	LEAD TO SUIT
300-050-E	Screw	Serrated	1.5mm	150mm (6")	300-710-A
300-050-F	Screw	Serrated	1.5mm	175mm (7")	300-710-A
300-050-G	Screw	Serrated	1.5mm	200mm (8")	300-710-A
300-050-H	Screw	Serrated	1.5mm	225mm (9")	300-710-A
300-055-E	2.5mm Pin	Serrated	1.5mm	150mm (6")	300-720-A
300-055-F	2.5mm Pin	Serrated	1.5mm	175mm (7")	300-720-A
300-055-G	2.5mm Pin	Serrated	1.5mm	200mm (8")	300-720-A
300-055-H	2.5mm Pin	Serrated	1.5mm	225mm (9")	300-720-A
300-056-E	4.76mm (3/16") Push/Pull	Serrated	1.5mm	150mm (6")	300-730-A
300-056-F	4.76mm (3/16") Push/Pull	Serrated	1.5mm	175mm (7")	300-730-A
300-056-G	4.76mm (3/16") Push/Pull	Serrated	1.5mm	200mm (8")	300-730-A
300-056-H	4.76mm (3/16") Push/Pull	Serrated	1.5mm	225mm (9")	300-730-A
300-057-E	4mm Push/Pull	Serrated	1.5mm	150mm (6")	300-730-B
300-057-F	4mm Push/Pull	Serrated	1.5mm	175mm (7")	300-730-B
300-057-G	4mm Push/Pull	Serrated	1.5mm	200mm (8")	300-730-B
300-057-H	4mm Push/Pull	Serrated	1.5mm	225mm (9")	300-730-B



300-080-E Scale 1:1

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE / WIDTH		LENGTH	LEAD TO SUIT
300-080-E	Screw	Angled, Serrated	1.5mm	150mm (6")	300-710-A
300-080-F	Screw	Angled, Serrated	1.5mm	175mm (7")	300-710-A
300-080-G	Screw	Angled, Serrated	1.5mm	200mm (8")	300-710-A
300-080-H	Screw	Angled, Serrated	1.5mm	225mm (9")	300-710-A
300-081-E	2.5mm Pin	Angled, Serrated	1.5mm	150mm (6")	300-720-A
300-081-F	2.5mm Pin	Angled, Serrated	1.5mm	175mm (7")	300-720-A
300-081-G	2.5mm Pin	Angled, Serrated	1.5mm	200mm (8")	300-720-A
300-081-H	2.5mm Pin	Angled, Serrated	1.5mm	225mm (9")	300-720-A
300-082-E	4.76mm (3/16") Push/Pull	Angled, Serrated	1.5mm	150mm (6")	300-730-A
300-082-F	4.76mm (3/16") Push/Pull	Angled, Serrated	1.5mm	175mm (7")	300-730-A
300-082-G	4.76mm (3/16") Push/Pull	Angled, Serrated	1.5mm	200mm (8")	300-730-A
300-082-H	4.76mm (3/16") Push/Pull	Angled, Serrated	1.5mm	225mm (9")	300-730-A
300-083-E	4mm Push/Pull	Angled, Serrated	1.5mm	150mm (6")	300-730-B
300-083-F	4mm Push/Pull	Angled, Serrated	1.5mm	175mm (7")	300-730-B
300-083-G	4mm Push/Pull	Angled, Serrated	1.5mm	200mm (8")	300-730-B
300-083-H	4mm Push/Pull	Angled, Serrated	1.5mm	225mm (9")	300-730-B

Tip Width and Style Chart – See Page 1.3

MONOPOLAR COAGULATION FORCEPS

ADSON



300-060-A Scale 1:1

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE / WIDTH		LENGTH	LEAD TO SUIT
300-060-A	Screw	Serrated	1.5mm	125mm (5")	300-710-A
300-060-B	Screw	1 x 2 Teeth		125mm (5")	300-710-A
300-060-C	Screw	Smooth	1.5mm	125mm (5")	300-710-A
300-061-A	2.5mm Pin	Serrated	1.5mm	125mm (5")	300-720-A
300-061-B	2.5mm Pin	1 x 2 Teeth		125mm (5")	300-720-A
300-061-C	2.5mm Pin	Smooth	1.5mm	125mm (5")	300-720-A
300-062-A	4.76mm (3/16") Push/Pull	Serrated	1.5mm	125mm (5")	300-730-A
300-062-B	4.76mm (3/16") Push/Pull	1 x 2 Teeth		125mm (5")	300-730-A
300-062-C	4.76mm (3/16") Push/Pull	Smooth	1.5mm	125mm (5")	300-730-A
300-063-A	4mm Push/Pull	Serrated	1.5mm	125mm (5")	300-730-B
300-063-B	4mm Push/Pull	1 x 2 Teeth		125mm (5")	300-730-B
300-063-C	4mm Push/Pull	Smooth	1.5mm	125mm (5")	300-730-B

Tip Width and Style Chart – See Page 1.3

MONOPOLAR COAGULATION FORCEPS

WAUGHS, McINDOES, GILLIES



300-090-A Not to Scale



300-090-A Not to Scale

PRODUCT NUMBER	DESCRIPTION	LEAD MOUNT	TIP STYLE	LENGTH	LEAD TO SUIT
300-090-A	Waughs	4.76mm (3/16") Push/Pull	Serrated	175mm (7")	300-730-A
300-090-B	Waughs	4.76mm (3/16") Push/Pull	Serrated	200mm (8")	300-730-A
300-090-C	Waughs	4.76mm (3/16") Push/Pull	1 x 2 Teeth Serrated	175mm (7")	300-730-A
300-090-D	Waughs	4.76mm (3/16") Push/Pull	1 x 2 Teeth Serrated	200mm (8")	300-730-A
300-090-E	McIndoes	4.76mm (3/16") Push/Pull	Serrated	150mm (6")	300-730-A
300-090-F	McIndoes	4.76mm (3/16") Push/Pull	1 x 2 Teeth Serrated	150mm (6")	300-730-A
300-090-G	Gillies	4.76mm (3/16") Push/Pull	Serrated	150mm (6")	300-730-A
300-090-H	Gillies	4.76mm (3/16") Push/Pull	1 x 2 Teeth Serrated	150mm (6")	300-730-A
300-091-A	Waughs	4mm Push/Pull	Serrated	175mm (7")	300-730-B
300-091-B	Waughs	4mm Push/Pull	Serrated	200mm (8")	300-730-B
300-091-C	Waughs	4mm Push/Pull	1 x 2 Teeth Serrated	175mm (7")	300-730-B
300-091-D	Waughs	4mm Push/Pull	1 x 2 Teeth Serrated	200mm (8")	300-730-B
300-091-E	McIndoes	4mm Push/Pull	Serrated	150mm (6")	300-730-B
300-091-F	McIndoes	4mm Push/Pull	1 x 2 Teeth Serrated	150mm (6")	300-730-B
300-091-G	Gillies	4mm Push/Pull	Serrated	150mm (6")	300-730-B
300-091-H	Gillies	4mm Push/Pull	1 x 2 Teeth Serrated	150mm (6")	300-730-B

Tip Width and Style Chart – See Page 1.3

MONOPOLAR COAGULATION FORCEPS

REMINGTON HOBBS - STRAIGHT



300-025-A Not to Scale

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE	LENGTH	LEAD TO SUIT
300-025-A	Screw	Serrated	250mm (10")	300-710-A
300-026-A	2.5mm Pin	Serrated	250mm (10")	300-720-A
300-027-A	4.76mm (3/16") Push/Pull	Serrated	250mm (10")	300-730-A
300-028-A	4mm Push/Pull	Serrated	250mm (10")	300-730-B

REMINGTON HOBBS - ANGLED



300-025-B Not to Scale

PRODUCT NUMBER	LEAD MOUNT	TIP STYLE	LENGTH	LEAD TO SUIT
300-025-B	Screw	Serrated	250mm (10")	300-710-A
300-026-B	2.5mm Pin	Serrated	250mm (10")	300-720-A
300-027-B	4.76mm (3/16") Push/Pull	Serrated	250mm (10")	300-730-A
300-028-B	4mm Push/Pull	Serrated	250mm (10")	300-730-B

Tip Width and Style Chart – See Page 1.3



BIPOLAR COAGULATION FORCEPS

POTTS SMITH - STRAIGHT



300-810-G Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-810-G	Smooth	1.0mm	Insulated	175mm (7")
300-810-H	Smooth	1.0mm	Insulated	200mm (8")
300-810-I	Smooth	1.0mm	Insulated	225mm (9")
300-815-G	Smooth	1.0mm	Non-Insulated	175mm (7")
300-815-H	Smooth	1.0mm	Non-Insulated	200mm (8")
300-815-I	Smooth	1.0mm	Non-Insulated	225mm (9")

POTTS SMITH - BAYONET



300-820-G Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-820-G	Smooth	1.0mm	Insulated	175mm (7")
300-820-H	Smooth	1.0mm	Insulated	200mm (8")
300-820-I	Smooth	1.0mm	Insulated	225mm (9")
300-825-G	Smooth	1.0mm	Non-Insulated	175mm (7")
300-825-H	Smooth	1.0mm	Non-Insulated	200mm (8")
300-825-I	Smooth	1.0mm	Non-Insulated	225mm (9")

Tip Width and Style Chart – See Page 1.3

BIPOLAR COAGULATION FORCEPS

POTTS SMITH - BAYONET, ANGLED TIP



300-800-G Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-800-G	Smooth, Angled	1.0mm	Insulated	175mm (7")
300-800-H	Smooth, Angled	1.0mm	Insulated	200mm (8")
300-800-I	Smooth, Angled	1.0mm	Insulated	225mm (9")
300-805-G	Smooth, Angled	1.0mm	Non-Insulated	175mm (7")
300-805-H	Smooth, Angled	1.0mm	Non-Insulated	200mm (8")
300-805-I	Smooth, Angled	1.0mm	Non-Insulated	225mm (9")

ADSON



300-850-B Scale 1:1

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-850-A	Serrated	1.5mm	Insulated	125mm (5")
300-850-B	1 x 2 Teeth		Insulated	125mm (5")
300-850-C	Smooth	1.5mm	Insulated	125mm (5")
300-850-D	Smooth	1.0mm	Insulated	125mm (5")
300-850-E	Smooth	0.5mm	Insulated	125mm (5")
300-855-A	Serrated	1.5mm	Non-Insulated	125mm (5")
300-855-B	1 x 2 Teeth		Non-Insulated	125mm (5")
300-855-C	Smooth	1.5mm	Non-Insulated	125mm (5")

Tip Width and Style Chart – See Page 1.3

BIPOLAR COAGULATION FORCEPS

STRAIGHT IRIS



300-830-A Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-A	Needle, Smooth	Insulated	100mm (4")
300-835-A	Needle, Smooth	Non-Insulated	100mm (4")

CURVED IRIS



300-830-B Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-B	Needle, Smooth	Insulated	100mm (4")
300-835-B	Needle, Smooth	Non-Insulated	100mm (4")

JEWELLERS



300-830-C Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-C	Needle, Smooth	Insulated	100mm (4")
300-835-C	Needle, Smooth	Non-Insulated	100mm (4")

Tip Width and Style Chart – See Page 1.3

BIPOLAR COAGULATION FORCEPS

SEMKIN MICRO



320-510-A Scale 1:1

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-510-A	0.7mm, Smooth	Insulated	140mm (5½")
320-510-B	0.7mm, Smooth	Non-Insulated	140mm (5½")

SEMKIN



320-510-C Scale 1:1

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-510-C	2.0mm, Smooth	Insulated	150mm (6")

HARDY MICRO



320-550-A Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
320-550-A	0.5mm, Smooth	Insulated	210mm (8¼")
320-550-B	0.5mm, Smooth	Non-Insulated	210mm (8¼")

Tip Width and Style Chart – See Page 1.3

BIPOLAR COAGULATION FORCEPS

GERALD - STRAIGHT



320-520-A Not to Scale

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-520-A	1.0mm Smooth	Insulated	175mm (7")
320-520-B	1.0mm Smooth	Non-Insulated	175mm (7")

GERALD - BAYONET



320-520-C Not to Scale

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-520-C	1.0mm Smooth	Insulated	190mm (7½")
320-520-D	1.0mm Smooth	Non-Insulated	190mm (7½")

SCOVILLE - GREENWOOD



320-530-C Not to Scale

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-530-A	1.5mm, Smooth	Insulated	195mm (7¾")
320-530-B	1.5mm, Smooth	Non-Insulated	195mm (7¾")
320-530-C	2.0mm, Smooth	Insulated	195mm (7¾")
320-530-D	2.0mm, Smooth	Non-Insulated	195mm (7¾")

Tip Width and Style Chart – See Page 1.3

BIPOLAR COAGULATION FORCEPS

CUSHING - STRAIGHT



320-540-A Scale 1:1

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-540-A	0.7mm, Smooth	Insulated	150mm (6")
320-540-B	0.7mm, Smooth	Non-Insulated	150mm (6")
320-540-C	1.5mm, Smooth	Insulated	175mm (7")
320-540-D	1.5mm, Smooth	Non-Insulated	175mm (7")

CUSHING - BAYONET



320-540-E Not to Scale

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-540-E	0.7mm, Smooth	Insulated	190mm (7½")
320-540-F	0.7mm, Smooth	Non-Insulated	190mm (7½")
320-540-G	2.0mm, Smooth	Insulated	190mm (7½")
320-540-H	2.0mm, Smooth	Non-Insulated	190mm (7½")

Tip Width and Style Chart – See Page 1.3

BIPOLAR FORCEPS

BULK BUY
Special
Offer



ADSON



300-850-B Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-850-A	Serrated	1.5mm	Insulated	125mm (5")
300-850-C	Smooth	1.5mm	Insulated	125mm (5")
300-850-D	Smooth	1.0mm	Insulated	125mm (5")
300-850-E	Smooth	0.5mm	Insulated	125mm (5")

POTTS SMITH - BAYONET



300-820-G Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-820-G	Smooth	1.0mm	Insulated	175mm (7")
300-820-H	Smooth	1.0mm	Insulated	200mm (8")

POTTS SMITH - STRAIGHT



300-810-G Not to Scale

PRODUCT NUMBER	TIP STYLE / WIDTH		DESCRIPTION	LENGTH
300-810-G	Smooth	1.0mm	Insulated	175mm (7")
300-810-H	Smooth	1.0mm	Insulated	200mm (8")

STRAIGHT IRIS



300-830-A Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-A	Needle, Smooth	Insulated	100mm (4")

CURVED IRIS



300-830-B Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-B	Needle, Smooth	Insulated	100mm (4")

JEWELLERS



300-830-C Not to Scale

PRODUCT NUMBER	TIP STYLE	DESCRIPTION	LENGTH
300-830-C	Needle, Smooth	Insulated	100mm (4")

SEMKIN MICRO-STOPS



320-510-A Not to Scale

PRODUCT NUMBER	TIP WIDTH / STYLE	DESCRIPTION	LENGTH
320-510-A	0.7mm, Smooth	Insulated	140mm (5½")

BLADE/SPATULA ELECTRODES



300-410-A Scale 1:1



300-410-E Scale 1:1



300-420-A Scale 1:1



300-430-A Scale 1:1

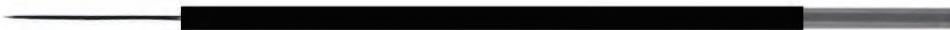
PRODUCT NUMBER	DESCRIPTION
300-410-A	25mm (1") Blade on 50mm (2") shaft
300-410-D	25mm (1") Blade on 75mm (3") shaft
300-410-E	25mm (1") Blade on 100mm (4") shaft
300-410-F	25mm (1") Blade on 125mm (5") shaft
300-410-G	25mm (1") Blade on 150mm (6") shaft
300-410-H	25mm (1") Blade on 175mm (7") shaft
300-410-I	25mm (1") Blade on 200mm (8") shaft
300-410-J	25mm (1") Blade on 225mm (9") shaft
300-420-A	25mm (1") Angled Blade on 50mm (2") shaft
300-420-D	25mm (1") Angled Blade on 75mm (3") shaft
300-420-E	25mm (1") Angled Blade on 100mm (4") shaft
300-420-F	25mm (1") Angled Blade on 125mm (5") shaft
300-420-G	25mm (1") Angled Blade on 150mm (6") shaft
300-420-H	25mm (1") Angled Blade on 175mm (7") shaft
300-420-I	25mm (1") Angled Blade on 200mm (8") shaft
300-420-J	25mm (1") Angled Blade on 225mm (9") shaft
300-430-A	25mm (1") Spatula Blade on 50mm (2") shaft
300-430-D	25mm (1") Spatula Blade on 75mm (3") shaft
300-430-E	25mm (1") Spatula Blade on 100mm (4") shaft
300-430-F	25mm (1") Spatula Blade on 125mm (5") shaft
300-430-G	25mm (1") Spatula Blade on 150mm (6") shaft
300-430-H	25mm (1") Spatula Blade on 175mm (7") shaft
300-430-I	25mm (1") Spatula Blade on 200mm (8") shaft
300-430-J	25mm (1") Spatula Blade on 225mm (9") shaft

Electrode shank diameter is standard 2.38mm (3/32")

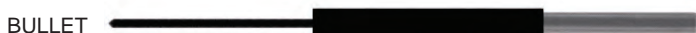
NEEDLE ELECTRODES



300-450-A Scale 1:1



300-450-E Scale 1:1



BULLET

300-460-C Scale 1:1

PRODUCT NUMBER	DESCRIPTION
300-450-A	25mm (1") Fine Needle on 50mm (2") shaft
300-450-D	25mm (1") Fine Needle on 75mm (3") shaft
300-450-E	25mm (1") Fine Needle on 100mm (4") shaft
300-450-F	25mm (1") Fine Needle on 125mm (5") shaft
300-450-G	25mm (1") Fine Needle on 150mm (6") shaft
300-450-H	25mm (1") Fine Needle on 175mm (7") shaft
300-450-I	25mm (1") Fine Needle on 200mm (8") shaft
300-450-J	25mm (1") Fine Needle on 225mm (9") shaft
300-455-A	6mm (¼") Fine Needle on 50mm (2") shaft
300-455-B	12mm (½") Fine Needle on 50mm (2") shaft
300-455-C	12mm (½") Fine Needle Insulated Tip on 50mm (2") shaft
300-460-A	6mm (¼") Bullet Point Needle (Heavy Duty) on 50mm (2") shaft
300-460-B	12mm (½") Bullet Point Needle (Heavy Duty) on 50mm (2") shaft
300-460-C	25mm (1") Bullet Point Needle (Heavy Duty) on 50mm (2") shaft

Electrode shank diameter is standard 2.38mm (3/32")

BALL ELECTRODES



300-520-A Scale 1:1

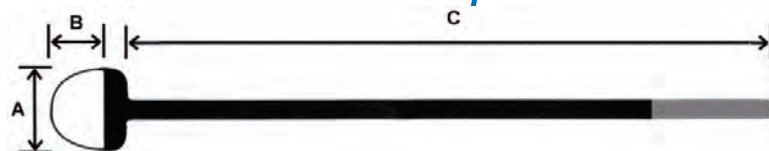


300-520-E Scale 1:1

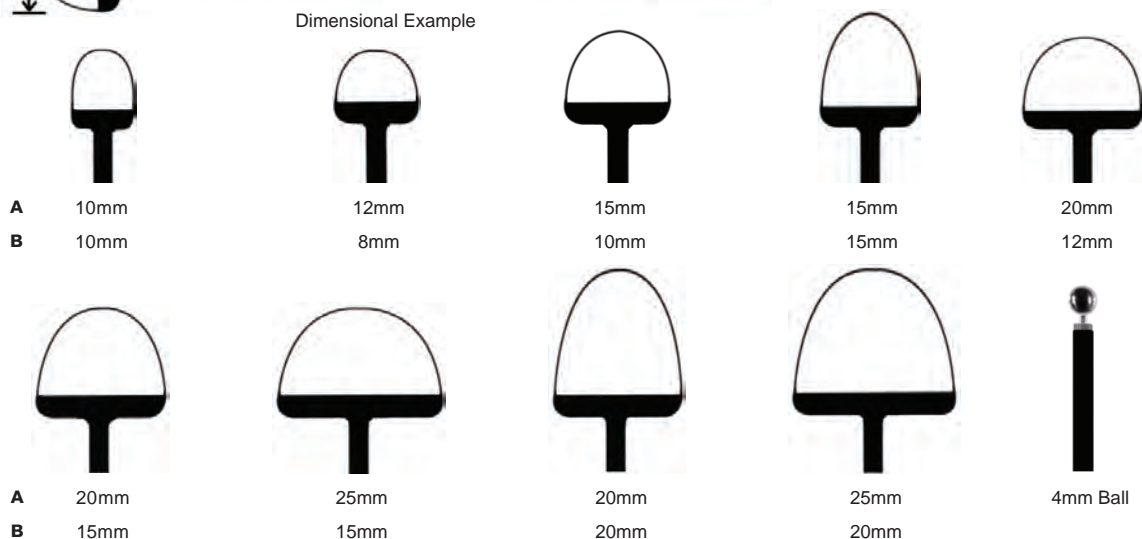
PRODUCT NUMBER	DESCRIPTION
300-510-A	3mm Ball on 50mm (2") shaft
300-510-E	3mm Ball on 100mm (4") shaft
300-510-F	3mm Ball on 125mm (5") shaft
300-510-G	3mm Ball on 150mm (6") shaft
300-510-H	3mm Ball on 175mm (7") shaft
300-620-D	3mm Ball on 190mm (7 ½) shaft (Angled Ball)
300-510-I	3mm Ball on 200mm (8") shaft
300-510-J	3mm Ball on 225mm (9") shaft
300-515-A	4mm Ball on 50mm (2") shaft
300-515-E	4mm Ball on 100mm (4") shaft
300-515-F	4mm Ball on 125mm (5") shaft
300-515-G	4mm Ball on 150mm (6") shaft
300-515-H	4mm Ball on 175mm (7") Shaft
300-515-I	4mm Ball on 200mm (8") shaft
300-515-J	4mm Ball on 225mm (9") shaft
300-520-A	5mm Ball on 50mm (2") shaft
300-520-E	5mm Ball on 100mm (4") shaft
300-520-F	5mm Ball on 125mm (5") shaft
300-520-G	5mm Ball on 150mm (6") shaft
300-520-H	5mm Ball on 175mm (7") shaft
300-520-I	5mm Ball on 200mm (8") shaft
300-520-J	5mm Ball on 225mm (9") shaft

Electrode shank diameter is standard 2.38mm (3/32")

REUSABLE LLETZ/LEEP ELECTRODES



Dimensional Example



PRODUCT NUMBER	CROSS BAR LENGTH (A)	LOOP HEIGHT (B)	SHAFT LENGTH (C)	WIRE/BALL TYPE & DIAMETER
300-610-B	10mm	10mm	85mm	Stainless Steel (0.3mm)
300-610-C	20mm	15mm	85mm	Stainless Steel (0.3mm)
300-610-D	25mm	15mm	85mm	Stainless Steel (0.3mm)
300-610-E		4mm Ball	85mm	Stainless Steel
300-610-F	15mm	15mm	85mm	Stainless Steel (0.3mm)
300-610-H	25mm	20mm	85mm	Stainless Steel (0.3mm)
300-611-B	10mm	10mm	130mm	Stainless Steel (0.3mm)
300-611-C	20mm	15mm	130mm	Stainless Steel (0.3mm)
300-611-D	25mm	15mm	130mm	Stainless Steel (0.3mm)
300-611-E		4mm Ball	130mm	Stainless Steel
300-612-B	10mm	10mm	85mm	Tungsten (0.2mm)
300-612-C	20mm	15mm	85mm	Tungsten (0.2mm)
300-612-D	25mm	15mm	85mm	Tungsten (0.2mm)
300-613-B	10mm	10mm	130mm	Tungsten (0.2mm)
300-613-C	20mm	15mm	130mm	Tungsten (0.2mm)
300-613-D	25mm	15mm	130mm	Tungsten (0.2mm)
300-613-F	15mm	15mm	130mm	Tungsten (0.2mm)
300-613-G	20mm	20mm	130mm	Tungsten (0.2mm)
300-613-H	25mm	20mm	130mm	Tungsten (0.2mm)
300-615-B	12mm	8mm	100mm	Stainless Steel (0.23mm)
300-615-C	15mm	10mm	100mm	Stainless Steel (0.23mm)
300-615-D	20mm	12mm	100mm	Stainless Steel (0.23mm)
300-616-B	12mm	8mm	130mm	Stainless Steel (0.23mm)
300-616-C	15mm	10mm	130mm	Stainless Steel (0.23mm)
300-616-D	20mm	12mm	130mm	Stainless Steel (0.23mm)
300-617-B	12mm	8mm	100mm	Tungsten (0.2mm)
300-617-C	15mm	10mm	100mm	Tungsten (0.2mm)
300-617-D	20mm	12mm	100mm	Tungsten (0.2mm)
300-618-B	12mm	8mm	130mm	Tungsten (0.2mm)
300-618-C	15mm	10mm	130mm	Tungsten (0.2mm)
300-618-D	20mm	12mm	130mm	Tungsten (0.2mm)

Electrode shank diameter is standard 2.38mm (3/32"), Ball Electrodes available with a non-stick coating.

SINGLE USE STERILE LLETZ/LEEP ELECTRODES

LOOP ELECTRODES



PRODUCT NUMBER	CROSS BAR LENGTH	LOOP HEIGHT
TSS003	15 mm	10 mm
TSS005	20 mm	8 mm
TSS006	20 mm	12 mm
TSS007	20 mm	15 mm
TSS008	25 mm	20 mm

BALL ELECTRODE



PRODUCT NUMBER	BALL SIZE
TSS012	5 mm Non Stick

VAGINAL & SIMS SPECULAE



GRAVES

Not to Scale

PRODUCT NUMBER	STYLE	FINISH	SIZE	PROCEDURE
500-003-A	Graves	Insulated	Small	For LEEP procedure
500-003-B	Graves	Insulated	Medium	For LEEP procedure
500-003-C	Graves	Insulated	Large	For LEEP procedure
500-003-D	Graves	Matt	Small	For Laser procedure
500-003-E	Graves	Matt	Medium	For Laser procedure
500-003-F	Graves	Matt	Large	For Laser procedure
500-003-G	Sims	Insulated	Small	For LEEP procedure
500-003-H	Sims	Insulated	Medium	For LEEP procedure
500-003-I	Sims	Insulated	Large	For LEEP procedure
500-003-K	Sims	Matt	Medium	For LEEP procedure
500-003-L	Sims	Matt	Large	For LEEP procedure



SIMS

Not to Scale

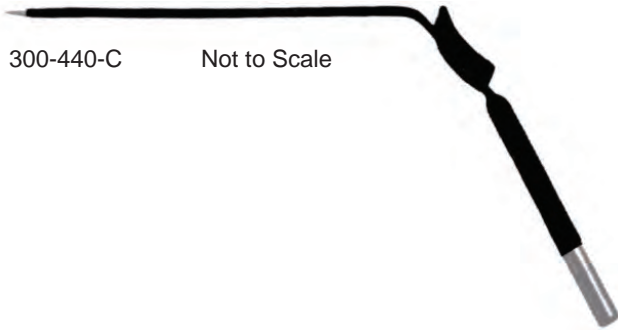
ENT ELECTRODES



300-440-A Scale 1:1



300-440-B Scale 1:1

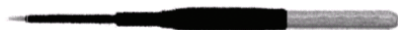


300-440-C Not to Scale

PRODUCT NUMBER	DESCRIPTION
300-440-A	25mm (1") Insulated Blade on 50mm (2") shaft, 2mm exposed tip
300-440-B	25mm (1") Insulated Blade on 50mm (2") shaft, 5mm exposed tip
300-440-D	25mm (1") Insulated Blade on 100mm (4") shaft, 2mm exposed tip
300-440-F	25mm (1") Insulated Blade on 125mm (5") shaft, 4mm exposed tip
300-440-C	Abbey Sub-Mucous Resection Needle, (Adult Version) 3/16" push pull fitting, lead to suit: 300-730-A
300-440-E	Abbey Sub-Mucous Resection Needle (Paediatric Version) 3/16" push pull fitting, lead to suit: 300-730-A

Electrode shank diameter is standard 2.38mm (3/32")

TUNGSTEN MICRO DISSECTION NEEDLE ELECTRODES



300-470-A Scale 1:1

PRODUCT NUMBER	DESCRIPTION
300-470-A	30mm Straight Needle, 3mm exposed tip
300-470-B	20mm Straight Needle, 3mm exposed tip
300-470-C	40mm Straight Needle, 3mm exposed tip
300-470-D	30mm Needle, 3mm exposed tip at 45 degree angle
300-470-E	112mm Straight Needle, 3mm exposed tip

Electrode shank diameter is standard 2.38mm (3/32")

SPECIALTY ELECTRODES



300-630-B Not to Scale



300-635-A Not to Scale

PRODUCT NUMBER	DESCRIPTION
300-630-B	Hook Electrode - 5mm x 4mm length tip, 0.9mm diameter tip, 50mm shaft
300-635-A	Benjamin Electrode - Electrode Monopolar angled sharp point, 140mm shaft

Electrode shank diameter is standard 2.38mm (3/32")

LAPAROSCOPY MONOPOLAR ELECTRODES

To suit 5mm diameter ports



300-692-C Not to Scale

3/16" PUSH PULL



300-694-E Not to Scale

4mm MALE BANANA



300-691-G Not to Scale

HANDLE WITH 4mm MALE BANANA

LEAD FITTING	4mm PUSH PULL		3/16" (4.76mm) PUSH PULL		4mm MALE BANANA		HANDLE WITH 4mm MALE BANANA	
LEAD To SUIT	300-730-B		300-730-A		300-730-B		300-730-B	
Working Length	340mm	420mm	340mm	420mm	340mm	420mm	340mm	420mm
Nottle Hook (light)	300-690-A	300-690-B	300-690-C	300-690-D	300-690-E	300-690-F	300-690-G	300-690-H
Heavy Hook	300-691-A	300-691-B	300-691-C	300-691-D	300-691-E	300-691-F	300-691-G	300-691-H
Spatula	300-692-A	300-692-B	300-692-C	300-692-D	300-692-E	300-692-F	300-692-G	300-692-H
10mm Needle	300-693-A	300-693-B	300-693-C	300-693-D	300-693-E	300-693-F	300-693-G	300-693-H

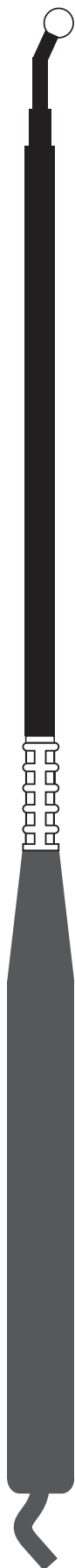
LAPAROSCOPY CORSON NEEDLE ELECTRODE



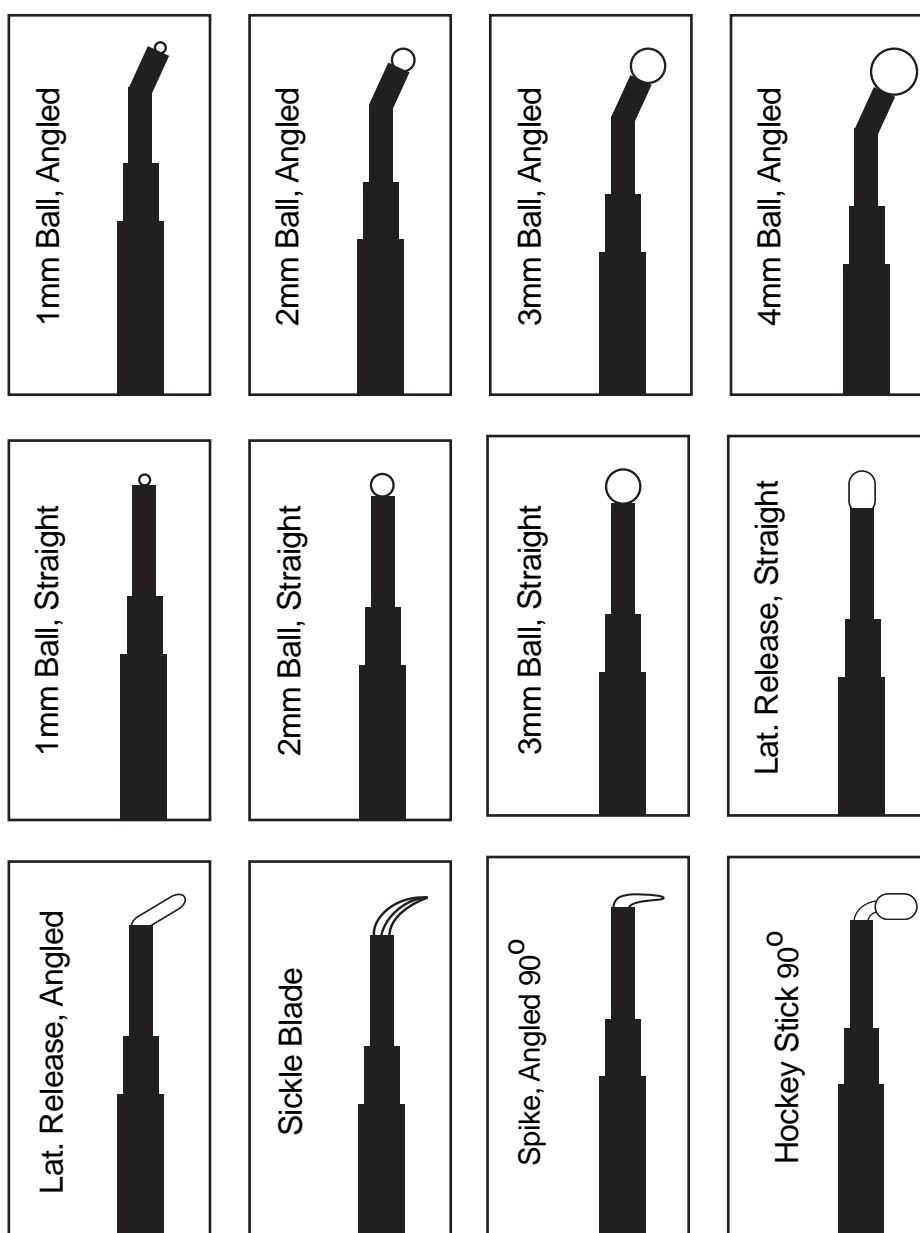
300-665-B Not to Scale

PRODUCT NUMBER	DESCRIPTION	WORKING LENGTH	LEAD FITTING	LEAD TO SUIT
300-665-B	Corson Needle (4FR)	390mm	4mm Male Pin	300-730-B

ARTHROSCOPY ELECTRODES



- Designed for knee, shoulder, hip, ankle, elbow, & wrist arthroscopy.
- Slim shaft construction allows enhanced access to confined spaces within the joint.
- Each electrode is fitted with an anti rotation collar & can be supplied in a selection of shaft lengths.
- Custom designs available upon request.



ARTHROSCOPY ELECTRODES

Small Joint Arthroscopy Electrodes - 115mm Shaft Wrist - Ankle - Elbow

17-460	Lateral Release	Angled Blade
17-461	Lateral Release	Straight
17-462	Spike	Angled 90°
17-464	Hockey Stick	Angled 90°
17-466	Ball 1 mm	Straight
17-467	Ball 1 mm	Angled 30°
17-468	Ball 2 mm	Straight
17-469	Ball 2 mm	Angled 30°
17-470	Ball 3 mm	Straight
17-471	Ball 3 mm	Angled 30°
17-480	Sickle	Straight

Knee Arthroscopy Electrodes - 150mm Shaft

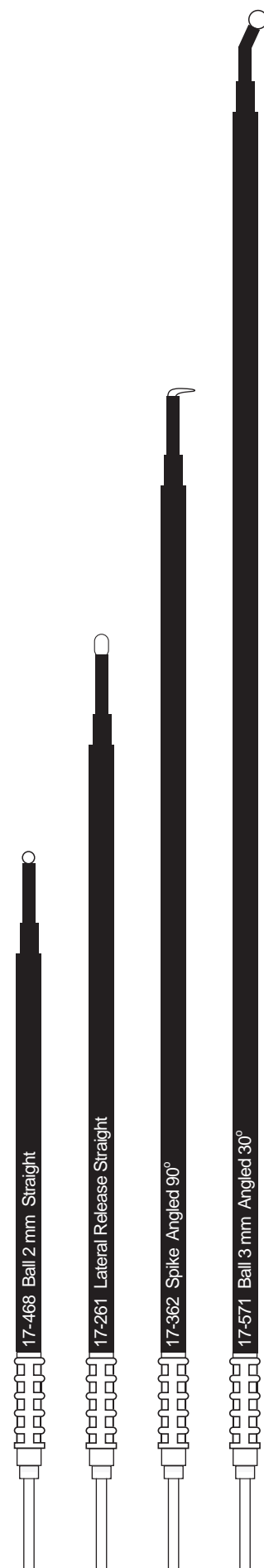
17-260	Lateral Release	Angled Blade
17-261	Lateral Release	Straight
17-262	Spike	Angled 90°
17-264	Hockey Stick	Angled 90°
17-268	Ball 2 mm	Straight
17-269	Ball 2 mm	Angled 30°
17-270	Ball 3 mm	Straight
17-271	Ball 3 mm	Angled 30°
17-272	Ball 4 mm	Straight
17-273	Ball 4 mm	Angled 30°
17-274	Ball 5 mm	Straight
17-275	Ball 5 mm	Angled 30°
17-280	Sickle	Straight

Shoulder Arthroscopy Electrodes - 190mm Shaft

17-360	Lateral Release	Angled Blade
17-361	Lateral Release	Straight
17-362	Spike	Angled 90°
17-364	Hockey Stick	Angled 90°
17-368	Ball 2 mm	Straight
17-369	Ball 2 mm	Angled 30°
17-370	Ball 3 mm	Straight
17-371	Ball 3 mm	Angled 30°
17-372	Ball 4 mm	Straight
17-373	Ball 4 mm	Angled 30°
17-380	Sickle	Straight












Hip Arthroscopy Electrodes - 250mm Shaft

17-570	Ball 3 mm	Straight
17-571	Ball 3 mm	Angled 30°



Scale 1:1

MONOPOLAR LEADS

ESU Plug End	Instrument Plug End	
 <p>Bovie jack (7.94mm / 5/16") fits the following ESUs:</p> <p>Bard Birtcher Bovie Bowa Concept Conmed/Aspenlab Eschmann Medtrex Neomed Valleylab</p>	 <p>300-710-A</p>	<p><u>Screw Fitting</u> Forceps, chuckhandles, lap probes with female screw fitting.</p>
	 <p>300-720-A</p>	<p><u>2.5mm Pin Fitting</u> Forceps, chuckhandles, lap probes with 2.5mm female pin fitting.</p>
	 <p>300-720-B</p>	<p><u>4mm Male Banana Fitting</u> Forceps, lap probes with 4mm female banana fitting.</p>
	 <p>300-720-C</p>	<p><u>4mm Recessed Male Banana Fitting</u> Forceps, lap probes with 4mm female banana fitting</p>
	 <p>300-720-D</p>	<p><u>2mm Pin Fitting</u> Wolf lap cholecystectomy hook electrodes.</p>
	 <p>300-730-A</p>	<p><u>4.76mm (3/16") Push/Pull Fitting</u> Forceps, chuckhandles, lap probes, with 4.76mm (3/16") male push/pull fitting.</p>
	 <p>300-730-B</p>	<p><u>4mm Push/Pull Fitting</u> Forceps, chuckhandles, lap probes, lap handles with solid 4mm male pin fitting. New moulded style.</p>
	 <p>300-730-E</p>	<p><u>4mm Female Banana Fitting</u> Lap probes with 4mm male banana fitting.</p>
	 <p>300-730-G</p>	<p><u>Light Weight 4mm Push/Pull Fitting</u> Lap handles and instruments with 4mm male banana fitting.</p>
	 <p>300-730-I</p>	<p><u>2.8mm Push/Pull Fitting</u> Cook, Microvaseive, AcuSnare Snares.</p>

All leads have 3.1m (10') silicone cables. (Also available with 5m cables – to order, change 6th digit of Product No. from 0 to 5 e.g. 300-710-A would become 300-715-A for 5m cable.)

MONOPOLAR LEAD/PLUG ADAPTORS



300-770-A Not to Scale

Universal plug adaptor will accept all 2mm to 6mm monopolar foot-switching active accessories.



300-770-B Not to Scale

Hand Switching to Foot Control adaptor.

Having trouble fitting your Bipolar Leads into your generators?

Trewavis Surgical has the solution!

Introducing a new range of Australian Made ESU Bipolar Adaptors to suit a variety of generator models.

Bipolar Adaptors



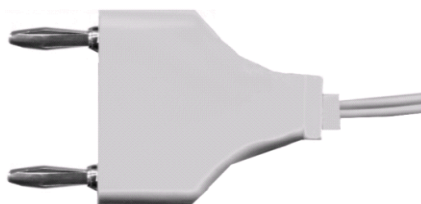
Product Number: 300-770-C
To suit: Conmed generators (ABC, 7550, Excalibur)



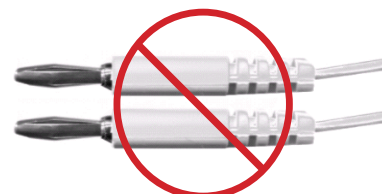
Product Number: 300-770-D
To suit: Erbe generators (ICC80, ICC50) and Alcon Infiniti



Product Number: 300-770-E
To suit: Alcon generators (Acurs)



Trewavis Twin Pin Bipolar Lead
To suit Valleylab or similar twin pin spacing.



Remember "Flying Leads" are now prohibited for sale in Australia by the TGA.



Product Number: 300-880-B



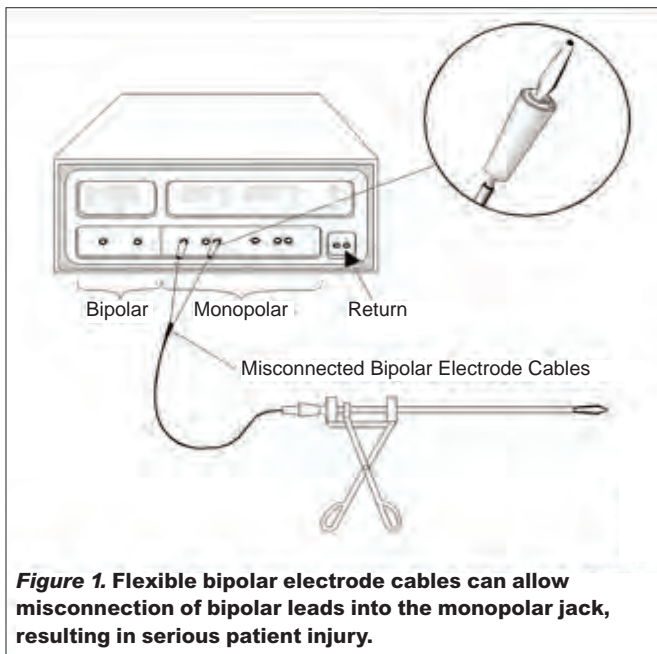
Product Number: 300-880-I

Fits bipolar pencils and USA-style two pin forceps - Trewavis Surgical, Valleylab, Conmed, Olsen, Kirwan & Codman.

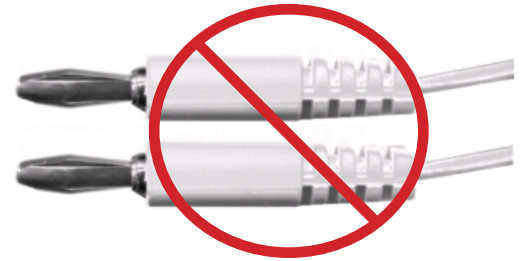


STOP

The Misconnection of Electrosurgical Bipolar Electrodes



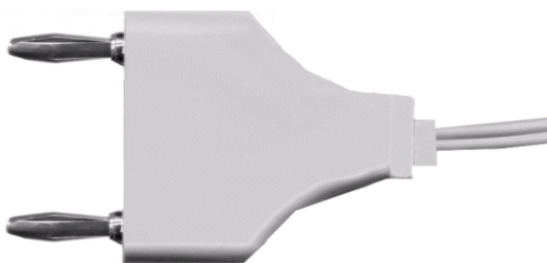
Source: MDSR: Hazard [Health Devices Jan 1995;24(1):34-5]



"Flying Leads" as shown in Figure 1 and above are now prohibited.

Trewavis Surgical has the solution!

ESU Plug End



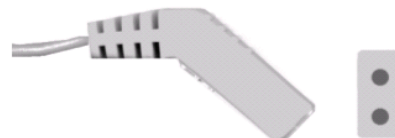
Trewavis Twin Pin Bipolar Lead

To suit Valleylab or similar twin pin spacing

Instrument Plug End



Product Number: 300-880-B

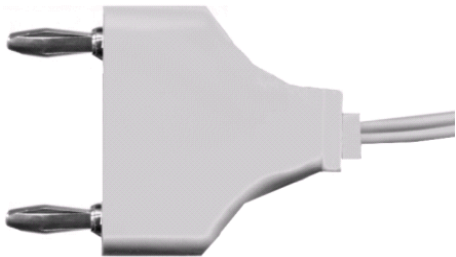

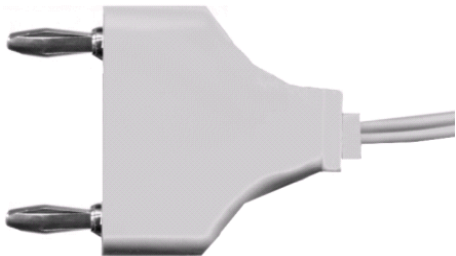

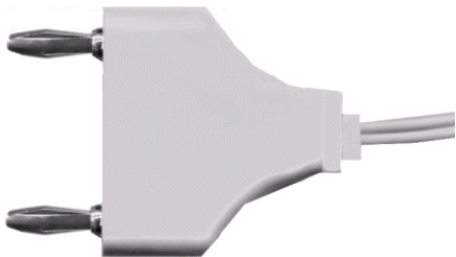



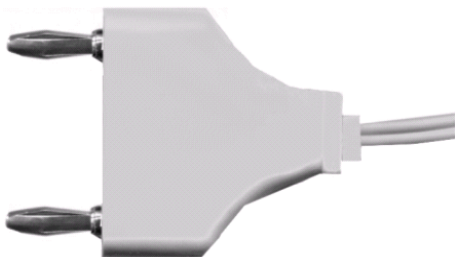



Product Number: 300-880-I

Fits bipolar pencils and USA-style two pin forceps -
Trewavis Surgical, Valleylab, Conmed, Olsen,
Kirwan & Codman.

For more information call Trewavis Surgical or refer to TGA News Issue 56 (July 2008)

BIPOLAR LEADS

ESU Plug End	Instrument Plug End
 <p>Valleylab Twin Pin</p> <p>300-880-B</p>	 <p>Fits bipolar pencils and USA-style two pin forceps - Trewavis Surgical, Valleylab, Conmed, Olsen, Kirwan, Codman.</p>
 <p>Valleylab Twin Pin</p> <p>300-880-I</p>	 <p>Same as 300-880-B but with 45° angled plug</p>
 <p>Valleylab Twin Pin</p> <p>300-880-J Heavy Duty Silicon Cable</p>	 <p>Fits bipolar pencils and USA-style two pin forceps - Trewavis Surgical, Valleylab, Conmed, Olsen, Kirwan, Codman.</p> <p>With Safety Hood 5 Metre Version available (300-880-N)</p>
 <p>Valleylab Twin Pin</p> <p>300-880-K</p>	 <p>Fits Boston Scientific Gold Probe</p>
 <p>Valleylab Twin Pin</p> <p>350-870-C</p>	 <p>Fits European flat pin forceps</p>

QUIVERS



PRODUCT NUMBER	LENGTH	DESCRIPTION	BASE STYLE
300-910-G	200mm (8")	Standard	Screw Base
300-910-H	300mm (12")	Laparoscopic	Screw Base
300-910-O	350mm (14 ½")	Laparoscopic	Screw Base
300-910-I	350mm (14 ½")	Telescope Warming	Screw Base (No drain holes)
300-910-J	200mm (8")	Standard	Clip On Base
300-910-P	400mm (16")	Laparoscopic	Screw Base
300-910-Q	450mm (18")	Laparoscopic	Screw Base
300-910-R	500mm (20")	Laparoscopic	Screw Base
300-910-S	600mm (24")	Laparoscopic	Screw Base
900-033-P	Clip On Base Replacements		

Quivers have stainless steel holding ring.
Replacement Screw bases available.

* Contact us for longer lengths

KIRSCHNER WIRES

LENGTH		POINT STYLE	WIRE DIAMETER											
			0.7mm	0.8mm	0.9mm	1.0mm	1.1mm	1.2mm	1.4mm	1.6mm	2.0mm	2.4mm	2.5mm	2.8mm
MM	INCH													
100	4	Trocar/Trocar	200-410-A	200-410-B	200-410-C	200-410-D	200-410-E	200-410-F	200-410-T	200-410-G	200-410-H			
100	4	Trocar/Blunt	200-411-A	200-411-B	200-411-C	200-411-D	200-411-E	200-411-F	200-411-T	200-411-G	200-411-H			
100	4	Diamond/Diamond	200-420-A	200-420-B	200-420-C	200-420-D	200-420-E	200-420-F	200-420-T	200-420-G				
100	4	Diamond/Drill Shank	200-425-A	200-425-B	200-425-C	200-425-D	200-425-E	200-425-F	200-425-T	200-425-G				
150	6	Trocar/Trocar	200-610-A	200-610-B	200-610-C	200-610-D	200-610-E	200-610-F	200-610-T	200-610-G	200-610-H	200-610-I	200-610-J	200-610-K
150	6	Trocar/Blunt	200-611-A	200-611-B	200-611-C	200-611-D	200-611-E	200-611-F	200-611-T	200-611-G	200-611-H	200-611-I	200-611-J	200-611-K
150	6	Diamond/Diamond	200-620-A	200-620-B	200-620-C	200-620-D	200-620-E	200-620-F	200-620-T	200-620-G	200-620-H	200-620-I	200-620-J	200-620-K
150	6	Diamond/Drill Shank	200-625-A	200-625-B	200-625-C	200-625-D	200-625-E	200-625-F	200-625-T	200-625-G	200-625-H	200-625-I	200-625-J	200-625-K
230	9	Trocar/Trocar			200-910-C	200-910-D	200-910-E	200-910-F	200-910-T	200-910-G	200-910-H	200-910-I	200-910-J	200-910-K
230	9	Trocar/Blunt			200-911-C	200-911-D	200-911-E	200-911-F	200-911-T	200-911-G	200-911-H	200-911-I	200-911-J	200-911-K
230	9	Trocar/3 Sided Shank			200-915-C	200-915-D	200-915-E	200-915-F	200-915-T	200-915-G	200-915-H	200-915-I	200-915-J	200-915-K
230	9	Diamond/Diamond			200-920-C	200-920-D	200-920-E	200-920-F	200-920-T	200-920-G	200-920-H	200-920-I	200-920-J	200-920-K

STEINMANN PINS

LENGTH	POINT STYLE	PIN DIAMETER						
		3.0mm	3.2mm	3.5mm	4.0mm	4.5mm	5.0mm	
MM	INCH							
230	9	Trocar/Trocar	200-950-L	200-950-M	200-950-N	200-950-O	200-950-P	200-950-Q
230	9	Trocar/3 Sided Shank	200-955-L	200-955-M	200-955-N	200-955-O	200-955-P	200-955-Q
230	9	Diamond/Diamond	200-960-L	200-960-M	200-960-N	200-960-O	200-960-P	200-960-Q
230	9	Diamond/Drill Shank	200-965-L	200-965-M	200-965-N	200-965-O	200-965-P	200-965-Q

• Surgical Implant Grade Stainless Steel to ASTM F138/ISO 5832-1

• Packed in see-through packs of 10

• Non-Sterile

• Other styles and sizes on request

• Wires and pins available in bulk

• Threaded wires available ≥ 1.6 mm Diameter

• Pins passivated to ASTM F86

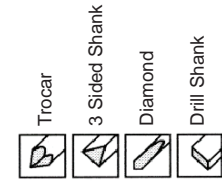
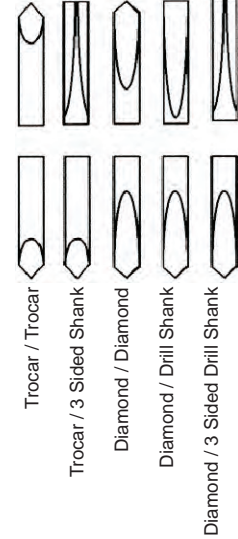
Rebate Codes

TS001-Kirschner Wires

TS002-Steinmann Pins

ILYZAROV WIRES (without olive)

LENGTH	POINT STYLE	WIRE DIAMETER	
		1.8mm	2.00mm
MM	INCH		
370	14.5	Single D Point	200-370-X 200-370-Y



GUIDE WIRES

- Packed in see-through packs of 10
- Non-Sterile

LENGTH		POINT STYLE	WIRE DIAMETER							
			1.0mm	1.1mm	1.2mm	1.4mm	1.6mm	2.0mm	2.4mm	
MM	INCH									
230	9	Trocar/Blunt	600-0911-D	600-0911-E	600-0911-F	600-0911-T	600-0911-G	600-0911-H	600-0911-I	
230	9	Blunt/Blunt	600-0912-D	600-0912-E	600-0912-F	600-0912-T	600-0912-G	600-0912-H	600-0912-I	
254	10	Trocar/Blunt	600-1011-D	600-1011-E	600-1011-F	600-1011-T	600-1011-G	600-1011-H	600-1011-I	
254	10	Blunt/Blunt	600-1012-D	600-1012-E	600-1012-F	600-1012-T	600-1012-G	600-1012-H	600-1012-I	
305	12	Trocar/Blunt	600-1211-D	600-1211-E	600-1211-F	600-1211-T	600-1211-G	600-1211-H	600-1211-I	
305	12	Blunt/Blunt	600-1212-D	600-1212-E	600-1212-F	600-1212-T	600-1212-G	600-1212-H	600-1212-I	
380	15	Trocar/Blunt	600-1511-D	600-1511-E	600-1511-F	600-1511-T	600-1511-G	600-1511-H	600-1511-I	
380	15	Blunt/Blunt	600-1512-D	600-1512-E	600-1512-F	600-1512-T	600-1512-G	600-1512-H	600-1512-I	
460	18	Trocar/Blunt	600-1811-D	600-1811-E	600-1811-F	600-1811-T	600-1811-G	600-1811-H	600-1811-I	
460	18	Blunt/Blunt	600-1812-D	600-1812-E	600-1812-F	600-1812-T	600-1812-G	600-1812-H	600-1812-I	

Threaded Guide Wires are available on wires with trocar points 1.6mm diameter and above in thread lengths of 5, 10 & 15mm.
To order these, add desired thread length to end of product REF above, e.g 600-0911-G15 has 15mm thread.

SWITCHING STICKS

LENGTH	POINT STYLE	WIRE DIAMETER						
		3.0mm	3.2mm	3.5mm	4.0mm	4.5mm	5.0mm	
MM	INCH							
330	13	Bullet/Bullet	600-1313-L	600-1313-M	600-1313-N	600-1313-O	600-1313-P	600-1313-Q
356	14	Bullet/Bullet	600-1413-L	600-1413-M	600-1413-N	600-1413-O	600-1413-P	600-1413-Q

CANNULATED SLEEVES

Cannulated Sleeves to suit guide wires are available upon request.

KEON COHEN HEAVY DUTY RETRACTORS

(Modified Gelpi Retractor)



Recommended for use in almost any situation where the spinal canal is to be explored.
Also suitable for use in shoulder, knee and hip surgery.

Extended Keon Cohen Retractors (500-001-F, 500-001-G, 500-001-J, 500-001-K, 500-001-R, 500-001-S) suitable for bariatric patients.

PRODUCT NUMBER	DESCRIPTION	LENGTH	OPENING WIDTH	REACH / DEPTH
500-001-A	Left Hand Standard Reach	200mm	up to 90mm	50mm
500-001-B	Right Hand Standard Reach	200mm	up to 90mm	50mm
500-001-F	Left Hand Extended Reach	200mm	up to 90mm	80mm
500-001-G	Right Hand Extended Reach	200mm	up to 90mm	80mm
500-001-H	Left Hand Standard Reach with Bone Spike	200mm	up to 90mm	50mm
500-001-I	Right Hand Standard Reach with Bone Spike	200mm	up to 90mm	50mm
500-001-J	Left Hand Extended Reach with Bone Spike	200mm	up to 90mm	80mm
500-001-K	Right Hand Extended Reach with Bone Spike	200mm	up to 90mm	80mm
500-001-R	Left Hand Long Reach - Bariatric Version	200mm	up to 90mm	100mm
500-001-S	Right Hand Long Reach - Bariatric Version	200mm	up to 90mm	100mm

KEON RETRACTOR



These heavy duty retractors are especially designed for use in Orthopaedic and Neurological Surgery.

- Heavy Duty, Strong Retractors
- Locking Nut allows excellent control of retraction
- Left and Right Models available; can be purchased separately
- Rounded Tines designed to cause minimal tissue damage

Designed in Australia by Trewavis Surgical

PRODUCT NUMBER	DESCRIPTION
500-001-T	Left Hand 4 x 5 Prong
500-001-U	Right Hand 4 x 5 Prong

FUKUDA RETRACTOR

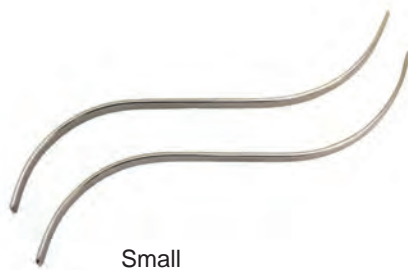


Not to Scale

Used for retracting the humerus to expose the entire glenoid surface.

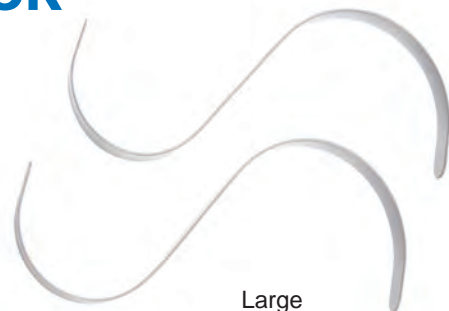
PRODUCT NUMBER	OVERALL LENGTH	BLADE WIDTH	OPENING
500-001-D	215mm	32mm	26 x 42mm
500-001-E	215mm	38mm	31 x 42mm

HASSON “S” RECTRACTOR



Small

Not to Scale



Large

Used to facilitate the insertion of the Hasson obturator/cannula by retraction of the entry site. Sold in pairs

PRODUCT NUMBER	DESCRIPTION
500-001-L	“S” Retractor Small
500-001-M	“S” Retractor Large

FITZPATRICK RECTRACTORS



Not to Scale

Used for Mouth Surgery

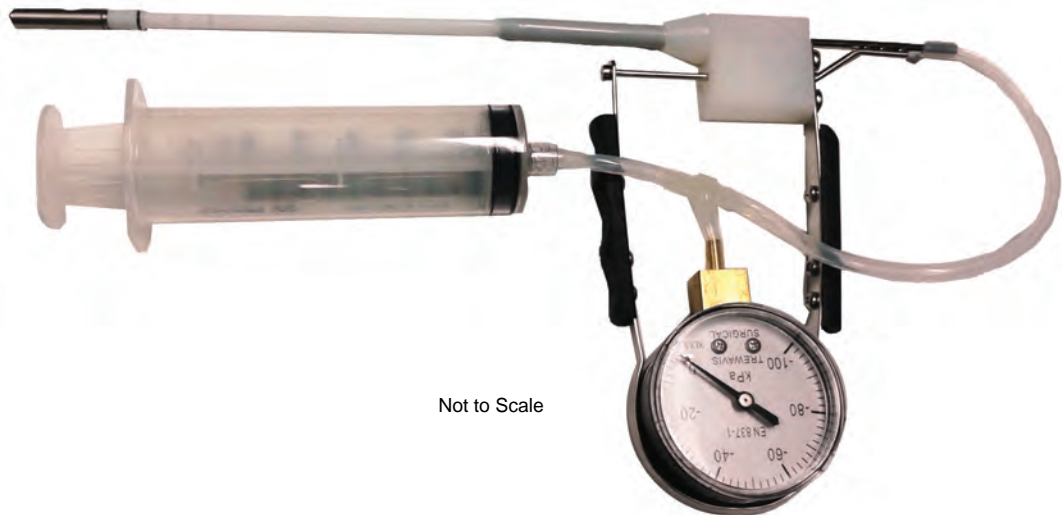
PRODUCT NUMBER	DESCRIPTION
500-001-0	Set of 4 Retractors

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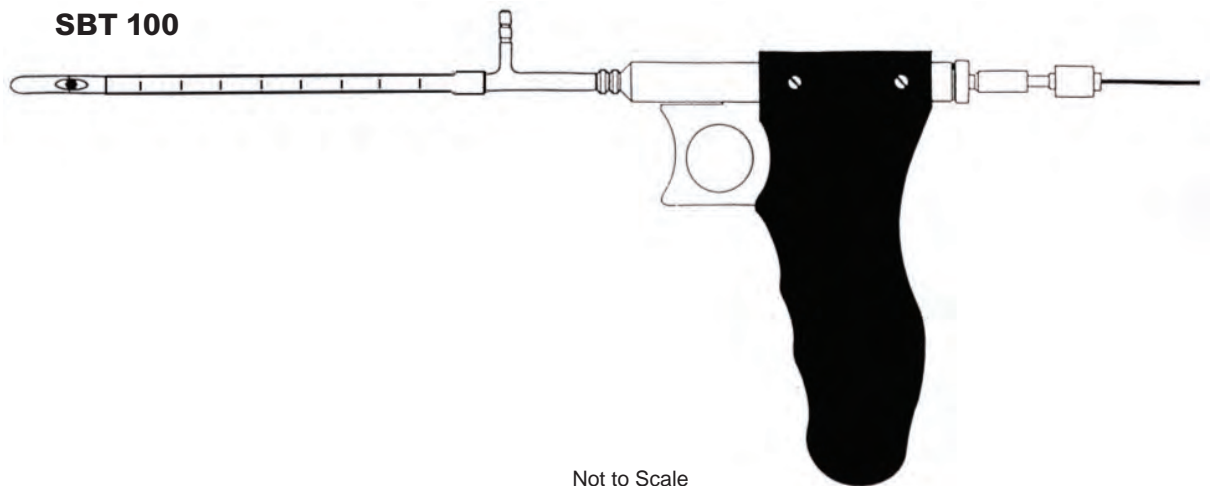
RECTAL SUCTION BIOPSY TOOL

NEW PRODUCT

SBT 200 - Sterile, Single Use



ALSO AVAILABLE IN REUSABLE VERSION



100-010-01 (Includes Vacuum Gauge)

This instrument has been specifically designed to provide rectal biopsy specimens for accurately establishing the presence of ganglion cells in the submucosal plexus.

Replaceable Parts

100-004-20	Operating Wire
100-004-22	Cutter & Capsule (Set)
100-011-01	Vacuum 'T' Assembly

AREOLA MARKER (DOUBLE ENDED)



500-002-A

The ideal device for accurate nipple placement during breast reconstruction

- Made from high grade stainless steel for durability, ease of cleaning and sterilisation
- Serrated marking edges
- 20mm centre sighting hole

DOUBLE INSTRUMENT HOLDERS

For Ring-Handled Instruments



- Designed to meet the new requirements of AS/NZS 4187:2003
- Designed to suit Autoplas sterilization trays (will also fit other commonly used trays)
- 3 Sizes available – 23.0cm Part No. 500-002-D
15.0cm Part No. 500-002-J
11.5cm Part No. 500-002-F
- At a glance, you can see that instruments are not on 1st ratchet
- Easy cleaning
- Dishwasher proof
- Instruments do not tangle, and large sets are easily handled by one person

Spare Clips

Part No. 500-002-E

Part No. 500-002-H

Part No. 500-002-G

Part No. 500-002-I

Single Clip to suit 500-002-D and 500-002-J

Packet of 10 to suit 500-002-D and 500-002-J

Single Clip to suit 500-002-F

Packet of 10 to suit 500-002-F

INSTRUMENT REPAIR SERVICE

Trewavis Surgical has one of the largest repair facilities in Australia with ISO 13485 certification.

We have offered a trouble free repair and maintenance service for over 45 years.

- ✓ *All work is fully guaranteed*
- ✓ *Repairs not proceeded with if an instrument deemed unsafe, or more economical to replace.*
- ✓ *Free Quote if required*
- ✓ *All types of Manufacturers' Instruments repaired*
- ✓ *Price Competitive*

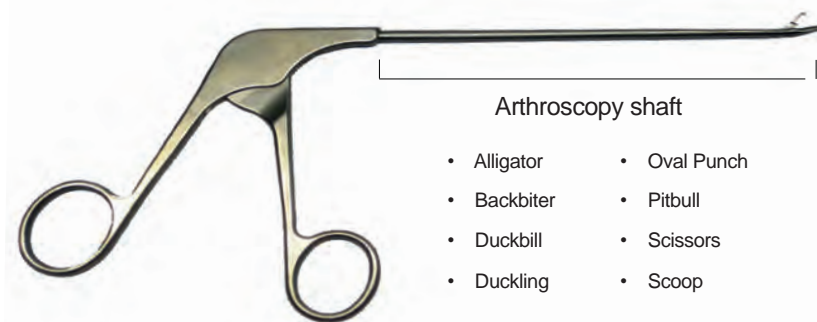
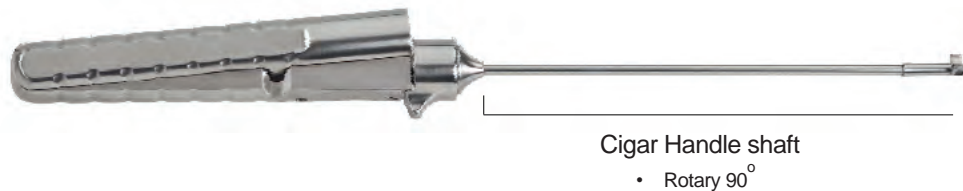
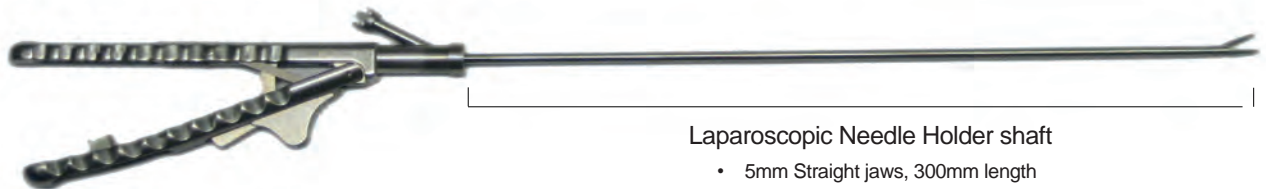
Our usual turnaround is 5-7 working days plus transit time, however if you have urgent repairs speak to us to arrange the repairs to suit your needs.

All work is undertaken by highly skilled and trained personnel and all workmanship is fully guaranteed and price competitive.

If you would like to try our services, please contact us on (03) 9738 1788. Refer to our website for more details.

Are your Laparoscopic Needle Holders, Arthroscopy Punches or Graspers broken or worn out?

Trewavis Surgical can now offer a total refurbishment that includes a brand new operating shaft, including jaws & cutting edges **now for less than a quarter of the cost of a new instrument!**



CONDITIONS OF SALE

1. INTERPRETATION In these conditions and in any contract to which these conditions apply:- (a) "the Seller" means Trewavis Surgical Instruments Pty. Limited. (ABN 50 155 143 329) or such company as accepts the Buyer's order. (b) "the Buyer" means the person who buys or has agreed to buy the Goods. (c) "the Goods" means any item of whatsoever nature which is sold repaired or maintained by the Seller.

2. GENERAL These Conditions apply to every sale made or agreed to be made by the Seller and no variation or abrogation of the same shall be effective unless it is evidenced in writing signed on behalf of the Seller.

3. PRICE (a) Unless previously withdrawn the Sellers quotations are open for acceptance within the period stated therein or, when no period is so stated, within thirty days only after its date. (b) Unless otherwise stated in the quotation or invoice the price of the Goods is for delivery ex works and includes the cost of basic packaging. (c) The Seller shall be entitled without notice to the Buyer to adjust the price of the Goods, whether before or after acceptance of the Goods, in the event of and to take account of any increase in the cost to the Seller of supplying the Goods as a result of increases in costs of transport or insurance, or in rates of any applicable taxes in respect of the supply of the Goods or ingredients thereof including any duty, charge or levy in respect of the export or import of Goods, or changes in the classification or value of Goods or ingredients for customs purposes, or any changes in applicable exchange rates or in the event of delays by the Buyer in providing any information or licences required by the Seller for the production, supply, despatch or delivery of the Goods, or any other impost arising after the sale. (d) An administration and/or delivery charge may be payable by the Buyer in respect of all contracts deemed by the Seller to be of small value.

4. PAYMENT (a) Unless otherwise agreed by the parties in writing payment of the price of the Goods and any administration charge shall be made within 30 days of the date of the Seller's invoice. (b) Time for payment of the price of the Goods shall be of the essence of the contract and if the Buyer fails to pay the price when due the Seller may treat the contract as repudiated by the Buyer or may, until payment in full is made, suspend delivery of the Goods the subject of the contract and any Goods the subject of any other contract with the Buyer without incurring any liability whatsoever to the Buyer in respect thereof. In addition, but without prejudice to such rights of the Seller, the Buyer shall (if so required by the Seller) pay interest to the Seller on the outstanding amount of the price at the rate of 3 per cent per annum above the indicator Lending Rate of National Australia Bank Limited ruling from time to time until the price is paid in full. (c) Notwithstanding any rights to lien to which the Seller may otherwise be entitled, the Seller shall have a specific lien (including a right of sale) over the Goods the subject of the contract and any Goods the subject of any other contract with the Buyer until the price of the Goods has been paid. The Buyer shall not be entitled to make any deduction from the price of the Goods in respect of any set-off or counterclaim.

5. DELIVERY (a) Any time or date named or accepted by the Seller for completion, delivery, despatch, shipment or arrival of the Goods or for tender of any documents is an estimate only and does not constitute a condition of the contract or part of the description of the Goods. The Seller shall not be under any liability whatsoever for the consequences of any delay as a result of any cause outside its reasonable control and, in particular, but without prejudice to the generality of the foregoing the Seller shall be under no liability whatsoever for the consequences of any delay in completion, delivery, despatch, shipment or arrival of the Goods or in the tender of any documents caused (directly or indirectly) by acts of God, war, riots, strikes, lockouts, trade disputes, fires, breakdowns, mechanical failures, interruption of transport, government action or by any other cause whatsoever whether or not of a like nature to those specified above, outside the reasonable control of Seller and in any such event the time for completion, delivery, despatch, shipment or arrival of the Goods or tender of documents may be extended by the Seller (or the Seller may cancel the contract without any liability whatsoever on its part). Time for completion, delivery, despatch, shipment or arrival of the Goods or for the tender of any documents is not of the essence of the contract. (b) In the event of production of the Goods or any part thereof being hindered or impaired or ceasing for any cause whatsoever outside the reasonable control of the Seller, the Seller may notify the Buyer that it is unable to fulfil the contract and may cancel the contract without any liability whatsoever. (c) Unless otherwise stated in writing the Seller may make partial deliveries or deliveries by instalments in any amounts it may determine and each such partial delivery or delivery by instalment shall be deemed to be separate contracts and these Conditions shall apply to each partial delivery or delivery by instalment. (d) The Seller may deliver up to five per cent more or less of the amount specified for delivery, subject only to an appropriate adjustment to the price payable, in full satisfaction of the Seller's obligations pursuant to the particular contract. (e) Where the Buyer requests a particular method of delivery then the Buyer shall cover the cost of delivery by that method from the point of despatch of the goods by the Seller. Otherwise the Seller may select the method of delivery and the Buyer shall bear such delivery costs. Goods sent for repair are to be freight prepaid. (f) The Seller is not responsible for any loss or damage to goods in transit. The Seller shall render the Buyer such assistance as may be necessary to press claims on carriers providing that the Buyer shall have notified the Seller and the carriers in writing immediately loss or damage is discovered on receipt of goods.

6. FAILURE TO DELIVER The Buyer shall notify the Seller within 7 days of delivery of any shortfall in, loss or damage to Goods delivered. Failure to so notify shall disentitle the Buyer to any remedy in respect of the shortage, loss or damage.

7. TITLE (a) Goods supplied by the Seller to the Buyer shall be at the Buyer's risk immediately on delivery to the Buyer or into the Buyer's custody (whichever is the sooner) and the Buyer should insure the Goods thereafter against such risks as it thinks appropriate. (b) Property in the Goods supplied by the Seller to the Buyer will not pass to the Buyer until such time as the Goods the subject of this contract and all other Goods supplied by the Seller to the Buyer have been paid for in full. Until such time as the Goods have been paid for in full the Buyer shall store the Goods, including Goods into which the supplied Goods have been mixed in such a manner as to show clearly that they are the property of the seller and shall upon the Seller's demand deliver up such Goods to the Seller and in default of such delivery the Seller may by its servants and agents enter the Buyer's premises at any time without notice to repossess the Goods. (c) Until such time as the Goods have been paid for in full the Buyer is at liberty to sell the Goods, including Goods into which the supplied Goods have been mixed, in the ordinary course of its business, as agent for the Seller and shall account to the Seller for the proceeds thereof. (d) The Buyer and the Seller agree that the provisions of this clause apply notwithstanding any arrangement between the parties under which the Seller grants the purchaser credit.

8. WARRANTY All Trewavis Surgical products are warranted to be free of defects in the materials and workmanship. If any products are identified by the Buyer as being defective upon receipt, and such goods are returned and accepted by Trewavis as defective, they will be repaired or replaced free of charge, or credited against future purchases. The warranty does not apply to damage and/or misuse or abuse of the product. Warranty is void if any product has been altered in any manner, and/or if repair was done by someone other than a qualified Trewavis Surgical service representative. This warranty is expressly limited to the terms and conditions as stated above and there is no other implied or expressed warranty or guarantee.

9. EXCLUSION OF LIABILITY (a) Except as provided in these terms and conditions, all express and implied warranties, guarantees and conditions under statute or general law as to merchantability, description, quality, suitability or fitness of the goods for any purpose or as to design, materials or workmanship or otherwise are hereby expressly excluded and the Seller shall not be liable for physical or financial injury, loss or damage or for consequential loss or damage of any kind arising out of the supply, or use of the Goods or arising out of the Seller's negligence or in any way whatsoever. (b) The Seller's liability, if any, for a breach of a condition or warranty implied by Division 2 or Part V of the Trade Practices Act 1974 (if applicable, other than Section 69) is hereby limited to:- (1) in the case of goods, any one or more of the following:- (i) the replacement of the goods or the supply of equivalent goods; (ii) the payment of the cost of replacing the goods or of acquiring equivalent goods; (2) in the case of services:- (i) the supplying of the services again; or (ii) the payment of the cost of having the services supplied again. (c) The Seller's liability, if any, under Section 74H of the Trade Practices Act 1975 (if applicable) is expressly limited to: (1) the cost of replacing the goods; or (2) the cost of obtaining equivalent goods; or (3) the cost of repairing the goods whichever cost shall be the lesser. (d) Nothing in these conditions shall be read or applied so as to exclude, restrict or modify any condition, warranty, guarantee, right or remedy implied by law (including the Trade Practices Act 1974) and which by law cannot be excluded, restricted or modified. Where the Seller is liable under any such legislation which is not able to be negated by clause 8(a) or by any other of these terms and conditions the Seller's liability for defective goods is restricted as set out in sub-clauses 8(b) and (c) or to the fullest extent otherwise permitted by law. (e) Unless otherwise agreed in writing the only warranty provided by the Seller in respect of Goods not manufactured by it is that (if any) provided by the manufacturer of the Goods and the liability of the Seller pursuant to such warranty is limited to any amount receivable by the Seller from the manufacturer.

10. LICENCES, DUTIES, ETC. The payment of any taxes and the obtaining and maintenance in full force and effect of any necessary export or import licences, authorisations or consents in respect of the Goods is the sole responsibility of the Buyer and the Seller shall be under no liability whatsoever in respect of Goods exported or imported without any necessary licences, authorisations or consents.

11. HEALTH AND SAFETY It is the Buyer's responsibility to ensure that all applicable health and safety regulations are observed and other appropriate steps taken in relation to the storage, handling and use of the Goods and where information is supplied to the Buyer on potential hazards relating to the Goods to bring such information to the attention of its employees, agents, subcontractors, visitors and customers. Without prejudice to the foregoing, it is also the Buyer's responsibility to provide safe facilities for the reception of the Goods into storage.

12. REPAIRS Trewavis Surgical is not responsible for damage to goods sent to Trewavis Surgical for repair or examination, nor for accidental damage to glass or other apparatus or delicate instruments in the course of the repair. Time involved in preliminary examination of an article may be charged in the event of an order not being placed. Goods sent for repair are to be freight prepaid and clearly labelled with the sender's name and address and details of the work required.

13. RETURN OF GOODS POLICY Goods received as a result of Trewavis Surgical's error may be returned for repair, replacement or credit. Returns are to be freight prepaid. Goods will be considered non-returnable if: (a) Goods are held longer than 90 days. (b) Discontinued products. (c) Non-stock items (i.e. custom designed). (d) Goods not in, or accompanied by, original packaging. (e) Goods not in saleable condition due to no fault of Trewavis Surgical. Loan stock will be invoiced if: (a) The Goods are not returned within 30 days of issue, or the period stated on the Loan Docket. (b) The Goods are not in saleable condition when received by the Seller. (c) The Goods are not in, or accompanied by, the original packaging. Goods returned for credit may be subject to a restocking fee of up to 20%.

14. INDUSTRIAL PROPERTY RIGHTS

The Buyer shall not alter remove or in any way tamper with any of the trade or other marks or numbers of the Seller attached to or placed upon the Goods.

15. INDEMNITY The Buyer will indemnify the Seller against all damages, penalties, costs and expenses to which the Seller may become liable as a result of work done in accordance with the Buyer's specifications which involves the infringement of any letters patent or registered designs.

16. NOTICES Any notice to be given to the Buyer shall be deemed to be given upon its being posted or sent by facsimile or email to the address of the Buyer set out in the contract or to the Buyers registered office or to the Buyers last known address.

17. ASSIGNMENT The Buyer may not assign or transfer or purport to assign or transfer any of its rights or obligations under or in connection with the contract to any other person whatsoever.

18. SUB-CONTRACTS The Seller reserves the right to sub-contract the performance of any contract or any part thereof to any other person party or person it may determine.

19. PROPER LAW AND JURISDICTION All contracts made between the Seller and the Buyer shall be governed by and construed in accordance with the laws of Victoria. The Buyer agrees to submit to the non-exclusive jurisdiction of the Victorian courts for all purposes of or in connection with such contracts.

20. HEADINGS The headings of these Conditions are provided for convenience only and shall have no effect on the interpretation thereof.