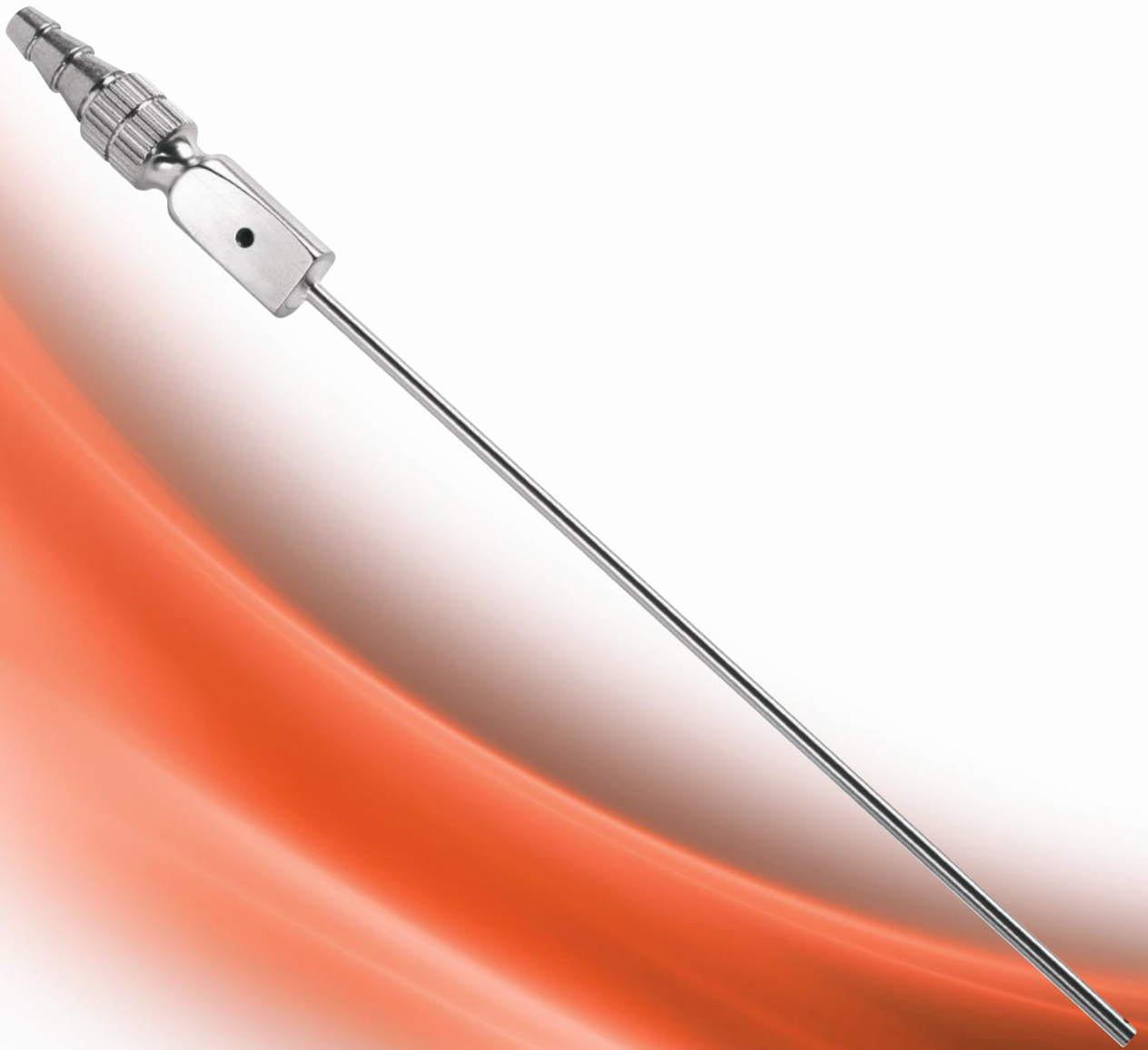


NEUROSURGICAL



**DTR Medical®**

Sterile Single-use  
Intelligent precision





**Matching reusable standards**

**Save Time - Reprocessing**

- First time sharpness
- Instrument damage/blockage is limited



**Suitable for high risk procedures**

**Save Lives - Contamination**

- Cross-infection is eliminated
- Risk is avoided



**Cost effective**

**Save Money – Increase Productivity**

- Theatre and clinic time is reduced
- Diminished re-processing, repairs and replacement

**Contents**

<b>General &amp; Vascular</b> <i>Including Silicone Slings &amp; Tibbs Arterial Cannula</i>	<b>4-5</b>
<b>Kerrison Rongeur</b>	<b>6</b>
<b>Cawthorne Hooks &amp; Points</b>	<b>6</b>
<b>Neuro Burr Tray</b>	<b>7</b>
<b>Gigli Saw Blade &amp; Handle</b>	<b>8</b>
<b>Retractors</b> <i>Including Kilner, Alms &amp; Jefferson</i>	<b>8-9</b>
<b>Suction Handles</b> <i>Including Frazier, Micro, Zoellner (with Fine Ends) &amp; House Suction</i>	<b>10-15</b>
<b>Bipolar Forceps</b> <i>Including Bayonet Bipolar Forceps</i>	<b>15-16</b>
<b>Micro Needle Electrodes</b>	<b>17</b>

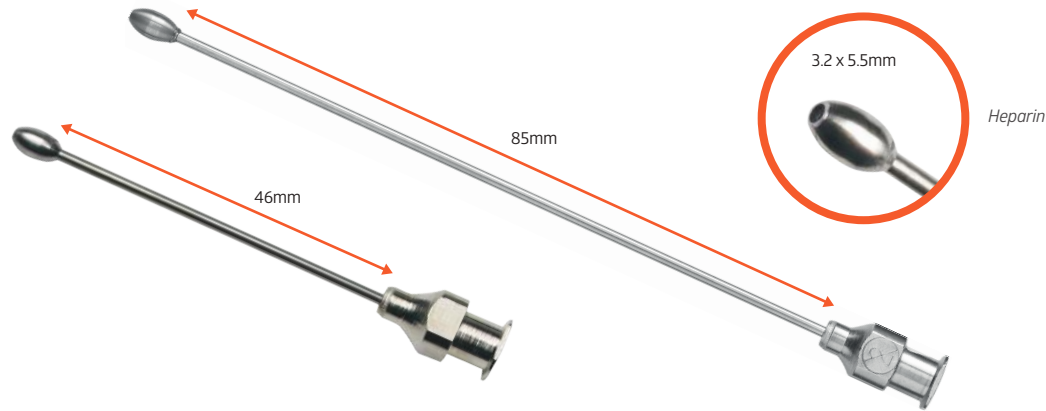
INCLUDES GREEN COLOUR\*

- Atraumatic oval cross section for less damage during surgery
- Radiopaque and biocompatible medical grade silicone

SILICONE SLINGS		
1.5mm Slings		
SM2100	Multicoloured Slings 1.5mm packed x 5, double packed	20 units
SM2103	Red Slings 1.5mm, double packed	25 units
SM2104	Blue Slings 1.5mm, double packed	25 units
SM2105	Yellow Slings 1.5mm, double packed	25 units
SM2106	White Slings 1.5mm, double packed	25 units
2mm Slings		
SM2002*	Multicoloured Slings 2mm packed x 5, double packed (includes green colour)	20 units
SM2008	Sling Multipack 2mm, (Red x 3, Blue x 3, Yellow x 1, White x 1), double packed	20 units
SM2030	Red Slings 2mm, double packed	25 units
SM2040	Blue Slings 2mm, double packed	25 units
SM2050	Yellow Slings 2mm, double packed	25 units
SM2060	White Slings 2mm, double packed	25 units
5mm Slings		
SM2513	Red Slings 5mm, individually double packed	25 units
SM2514	Blue Slings 5mm, individually double packed	25 units



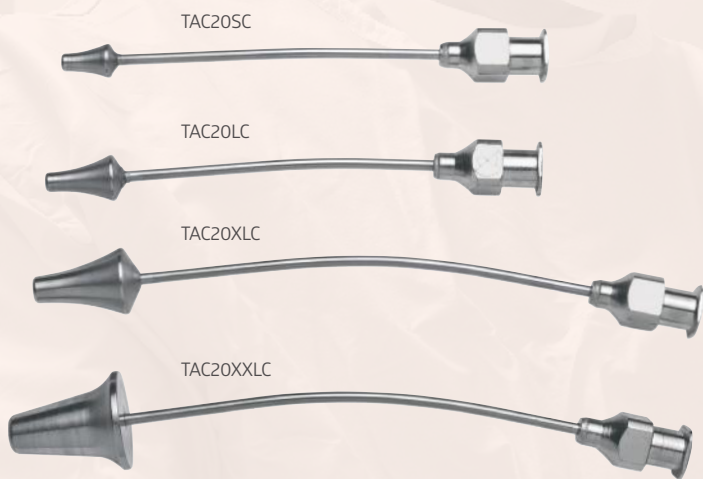
HEPARIN NEEDLE		
HFN2001	Heparin Flushing Needle 46mm, double packed	20 units
HFN2081	Heparin Flushing Needle 85mm, double packed	20 units



UNIQUE RANGE

Tibbs Arterial Cannula

- Individually packed to avoid wastage
- Easier to use than reprocessing very fine tube lumens
- High quality stainless steel suitable for clinicians to bend shape
- Removes contamination risks through flushing



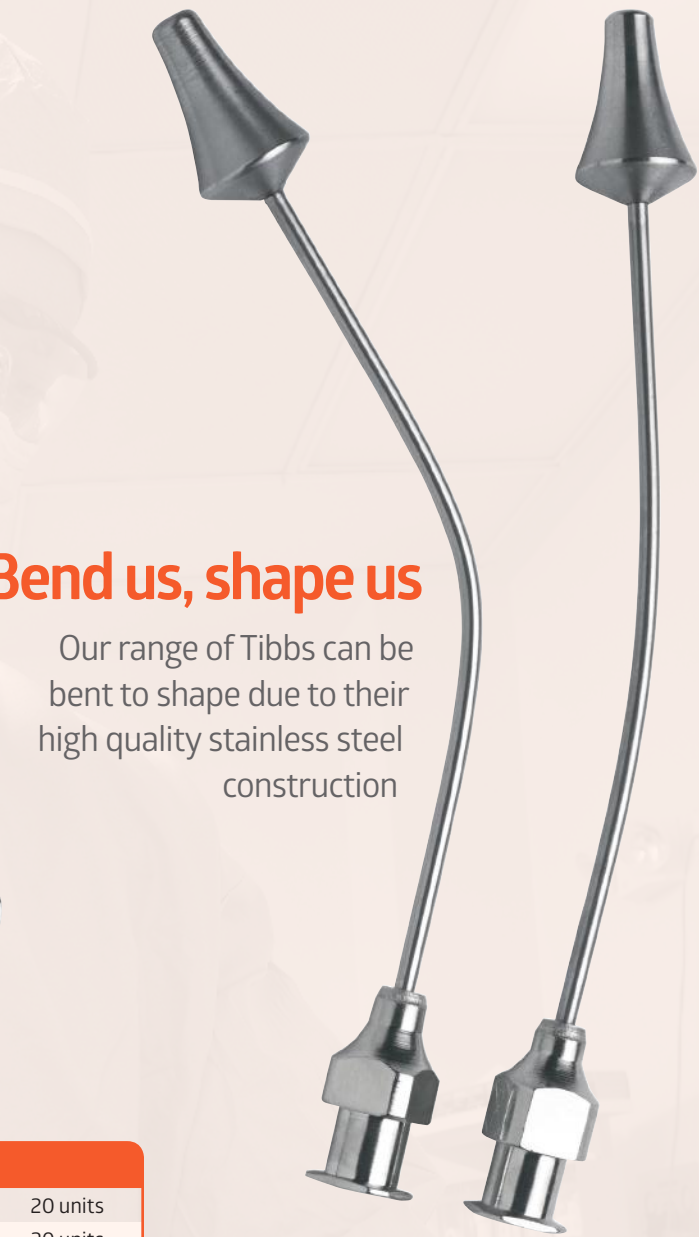
TIBBS STANDARD SIZES		
TAC20LC	Tibbs Arterial Cannula Large Cone std length, double packed	20 units
TAC20SC	Tibbs Arterial Cannula Small Cone std length, double packed	20 units
TAC20LO	Tibbs Arterial Cannula Large Olive std length, double packed	20 units
TAC20SO	Tibbs Arterial Cannula Small Olive std length, double packed	20 units



TIBBS SPECIAL SIZES		
TAC20MO	Tibbs Arterial Cannula Micro Olive 2.5mm OD std length, double packed	20 units
TAC20XLC	Tibbs Arterial Cannula X Large Cone 8mm OD extra long, double packed	20 units
TAC20XXLC	Tibbs Arterial Cannula XX Large Cone 12.25mm OD extra long, double packed	20 units
TAC2003	Tibbs Arterial Cannula Set of 3 sizes (Large Olive, Large Cone & X Large Cone), double packed	20 units

Bend us, shape us

Our range of Tibbs can be bent to shape due to their high quality stainless steel construction

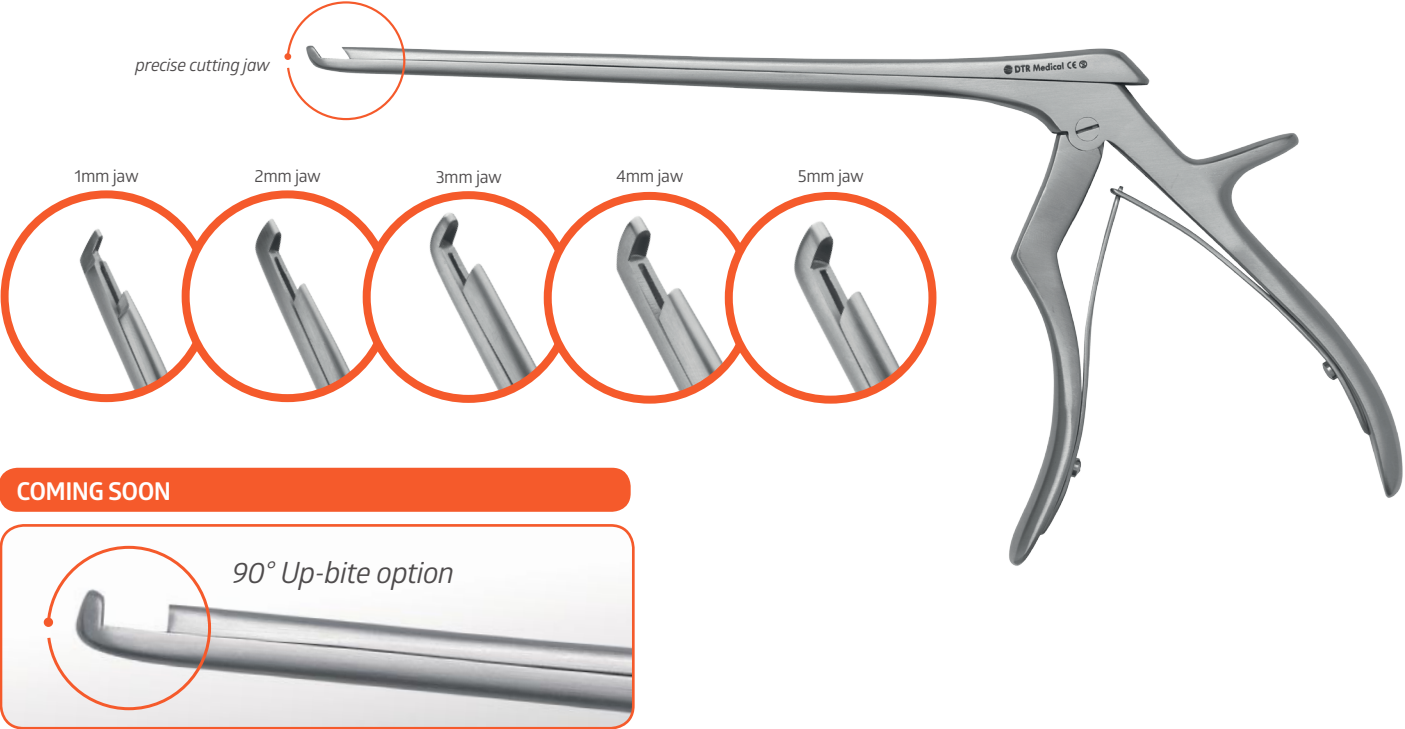




# Kerrison Rongeur

- 200mm shaft length with 40 degree up bite
- Well balanced stainless steel construction

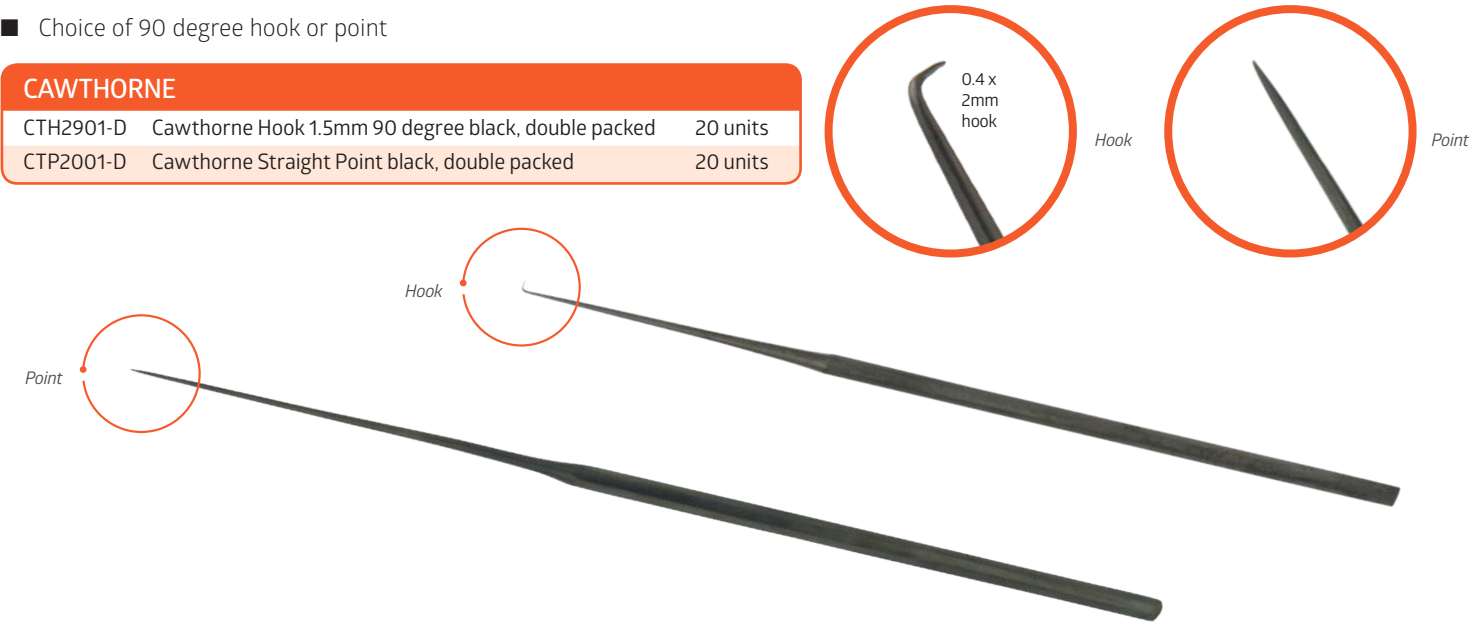
KERRISON RONGEUR		
KRU1101	Kerrison Rongeur Punch 1mm jaw, length 200mm with 40 degree up bite, double packed	10 units
KRU1201	Kerrison Rongeur Punch 2mm jaw, length 200mm with 40 degree up bite, double packed	10 units
KRU1301	Kerrison Rongeur Punch 3mm jaw, length 200mm with 40 degree up bite, double packed	10 units
KRU1401	Kerrison Rongeur Punch 4mm jaw, length 200mm with 40 degree up bite, double packed	10 units
KRU1501	Kerrison Rongeur Punch 5mm jaw, length 200mm with 40 degree up bite, double packed	10 units



# Hooks and Points

- Choice of 90 degree hook or point

CAWTHORNE		
CTH2901-D	Cawthorne Hook 1.5mm 90 degree black, double packed	20 units
CTP2001-D	Cawthorne Straight Point black, double packed	20 units



# Neuro Burr Tray

## FOR HIGH RISK CASES

- Custom pack for craniotomies and burr holes in skull
- Options include Hudson or McKenzie Perforators
- Hudson Brace suitable for other Perforators

NEURO BURR TRAY		
NBT0501	Neuro Burr Tray, double packed	5 units
NBT0501-H	Neuro Burr Tray including Hudson Perforator, double packed	5 units

- Kilner Scissors 120mm
- Mosquito Artery Forceps 125mm Straight
- Cawthorne Hook 1.5mm 90 degree
- Adson Periosteal Forceps
- BP Handle No. 3
- BP Handle No. 7
- Hudson Conical Burr
- Mackenzie Skull Perforator Drill
- Jefferson Retractor, Self-Retaining 140mm
- Mayo-Hegar Needle Holder 150mm Straight
- Hudson Brace
- Adson Dissecting Forceps Toothed 120mm
- Hudson Perforator 12mm Cutting Diameter (included only in NBT0501-H)



**i** Customised Burr trays also available  
Contact us on +44 (0)1792 797910

Saws

CHOICE OF LENGTHS

- Stainless steel for sharp first-time performance
- Overcomes cleaning and reprocessing difficulties
- Suitable for high risk cases

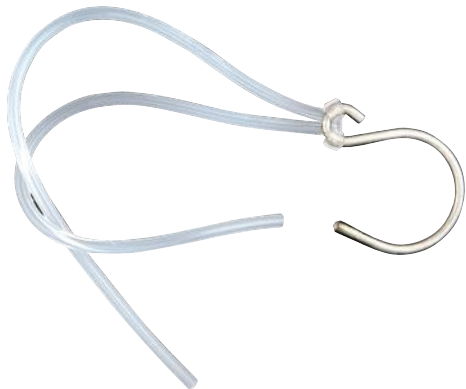
GIGLI SAW BLADES & HANDLES		
GBH1002	Gigli Saw Blade Handles, double packed	10 units
GSN2001	Gigli Saw Blade 300mm x 1, double packed	20 units
GSN2003	Gigli Saw Blades 300mm x 3, double packed	20 units
GSN2061	Gigli Saw Blade 600mm x 1, double packed	20 units
GSN2101	Gigli Saw Blade 1000mm x 1, double packed	20 units



Retractors

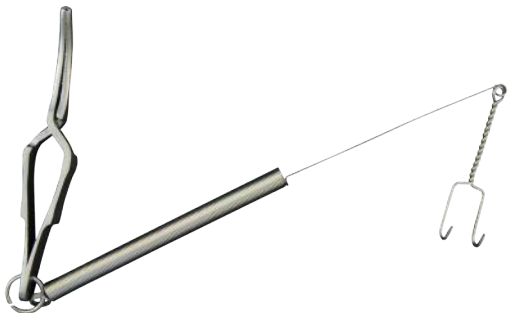
- Stainless steel hook, available in two sizes
- Sharp point for accurate positioning
- Latex free 2mm silicone 180mm ties
- Pack of five for varying wound sizes

FISH HOOK RETRACTOR		
FHR0510	Fish Hook Retractors x 5 with Silicone Loop, double packed	10 units
FHRP0510	Paediatric Fish Hook Retractors x 5 with Silicone Loop, double packed	10 units



- Dual points for accurate positioning
- Pack of two, suitable for most procedures
- Overcomes cleaning and reprocessing difficulties

YASARGIL RETRACTOR		
YHR0210	Yasargil Spring Hooks x 2, double packed	10 units



- Strong stainless steel construction
- Precise self-retaining ratchet
- Interlocking jaws for ease of placement

JEFFERSON RETRACTOR		
JSR1001	Jefferson Retractor, Self-Retaining 140mm, double packed	10 units



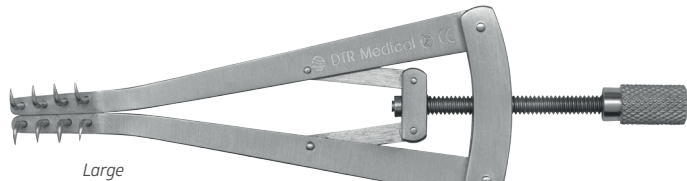
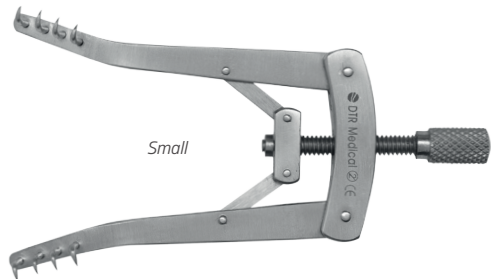
- Double ended
- First time sharpness for precision

KILNER "CATSPA"W" RETRACTOR		
KCP2001	Kilner "Catspaw" Retractor, double packed	20 units



- Rigid stainless steel construction
- Four hook proximal screw action


ALMS RETRACTOR		
ALR1071	Alms Retractor Small 78mm length, double packed	10 units
ALR1101	Alms Retractor Large 103mm length, double packed	10 units



Suction Handles

- Complete range of sizes from 3 to 7Fg with suction control
- Working length of 77mm
- Mini Barron 7Fg size suitable for use with fine end

BARRON SUCTION HANDLES		
BSH2003	Barron Suction Handle 1mm (3Fg), double packed	20 units
BSH2004	Barron Suction Handle 1.35mm (4Fg), double packed	20 units
BSH2005	Barron Suction Handle 1.67mm (5Fg), double packed	20 units
BSH2006	Barron Suction Handle 2mm (6Fg), double packed	20 units
BSH2007	Barron Suction Handle 2.3mm (7Fg), double packed	20 units
BLS2101	Mini Barron Suction Handle 98 x 2.33mm OD (7Fg), double packed	20 units

 Looking for sterile silicone tubing for use with the following?  
General catalogue see p32-35



Barron Suction Handle

- Removes need to clean and reprocess the long narrow lumen

BELLUCCI SUCTION HANDLES		
BLS2001	Bellucci Suction Handle 175 x 2mm OD (6Fg), double packed	20 units



Bellucci Suction Handle

- Metal version of traditional glass suction handle
- Suitable for where wide bore is required

METAL "GLASS-TYPE" SUCTION HANDLE		
GSH2001	Metal "Glass-Type" Suction handle 200 x 5mm OD (15Fg), double packed	20 units



Frazier Suction Handles

Available without suction control

- Strong construction suitable for bending to shape during procedure
- Single-use avoids the need to restraighten or risk breakage
- Tip options include non-fenestrated, fenestrated with two holes and cross fenestrated with four holes

Supplied straight\*  
Bend to shape for your procedure  
\*Excluding 12Fg range



FRAZIER SUCTION HANDLES			
<b>2mm (6Fg)</b>			
FSH2006	Frazier Suction Handle 200 x 2mm OD (6Fg) straight, double packed		20 units
FSF2006	Frazier Suction Handle 200 x 2mm OD (6Fg) straight, fenestrated, double packed		20 units
FSF2046	Frazier Suction Handle 200 x 2mm OD (6Fg) straight, cross fenestrated, double packed		20 units
FSN2426	Frazier Suction Handle 200 x 2mm OD (6Fg), 42° bend, without suction control, double packed		20 units
<b>2.66mm (8Fg)</b>			
FSH2008	Frazier Suction Handle 200 x 2.66mm OD (8Fg) straight, double packed		20 units
FSF2008	Frazier Suction Handle 200 x 2.66mm OD (8Fg) straight, fenestrated, double packed		20 units
FSF2048	Frazier Suction Handle 200 x 2.66mm OD (8Fg) straight, cross fenestrated, double packed		20 units
<b>3mm (9Fg)</b>			
FSH2009	Frazier Suction Handle 200 x 3mm OD (9Fg) straight, double packed		20 units
FSF2009	Frazier Suction Handle 200 x 3mm OD (9Fg) straight, fenestrated, double packed		20 units
FSF2049	Frazier Suction Handle 200 x 3mm OD (9Fg) straight, cross fenestrated, double packed		20 units
FSN2429	Frazier Suction Handle 200 x 3mm OD (9Fg), 42° bend, without suction control, double packed		20 units
<b>4mm (12Fg)</b>			
FSH2012	Frazier Suction Handle 200 x 4mm OD (12Fg), double packed		20 units
FSF2012	Frazier Suction Handle 200 x 4mm OD (12Fg), fenestrated, 150° bend, double packed		20 units
FSF2412	Frazier Suction Handle 200 x 4mm OD (12Fg), cross fenestrated, 150° bend, double packed		20 units
FSN24212	Frazier Suction Handle 200 x 4mm OD (12Fg), 42° bend, without suction control, double packed		20 units



with suction control



cross fenestrated



without suction control



42° bend

without suction control



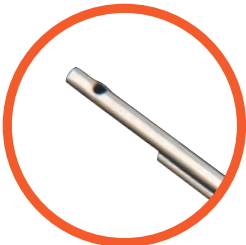
Suction Handles

- Dual purpose suction and irrigation with suction control
- Complete range of sizes from 1.8 to 5mm
- Single-use overcomes repairs to tips damaged through drilling
- Particularly suitable for collection of bone dust

HOUSE SUCTION HANDLES		
HST0118/18	House Suction and Irrigation Handle (1.8 x 1.8mm), double packed	20 units
HST0125/20	House Suction and Irrigation Handle (2.5 x 2mm), double packed	20 units
HST0130/20	House Suction and Irrigation Handle (3 x 2mm), double packed	20 units
HST0145/20	House Suction and Irrigation Handle (4.5 x 2mm), double packed	20 units
HST0145/30	House Suction and Irrigation Handle (4.5 x 3mm), double packed	20 units
HST0145/45	House Suction and Irrigation Handle (4.5 x 4.5mm), double packed	20 units
HST0150/45	House Suction and Irrigation Handle (5 x 4.5mm), double packed	20 units



FENESTRATED HOUSE SUCTION HANDLE		
HSFL118/18	House Suction Handle Fenestrated (1.8 x 1.8mm), double packed	20 units



- Single-use removes need to clean a very narrow lumen
- Working length of 77mm

SCHUKNECHT SUCTION HANDLES		
SHK2018	Schuknecht Suction Handle 18swg, double packed	20 units
SHK2020	Schuknecht Suction Handle 20swg, double packed	20 units
SHK2022	Schuknecht Suction Handle 22swg, double packed	20 units
SHK2024	Schuknecht Suction Handle 24swg, double packed	20 units

EXTENDED RANGE

- Stainless steel tube with colour coded luer connector for microsuction use
- Also suitable for use with syringe as irrigation device
- Available in 86, 110 and 120mm lengths

MICRO SUCTION TUBES		
MSD2001	Micro Suction Device 86 x 2mm OD (6Fg), double packed	20 units
<b>86mm</b>		
MSV508113	Micro Suction (Verhoeven) Red 86 x 2.3mm OD (13g), double packed	50 units
MSV508113R	Micro Suction (Verhoeven) Red 86 x 2.3mm OD (13g) with Suction Regulator, double packed	50 units
MSV508114	Micro Suction (Verhoeven) Green 86 x 2.1mm OD (14g), double packed	50 units
MSV508114R	Micro Suction (Verhoeven) Green 86 x 2.1mm OD (14g) with Suction Regulator, double packed	50 units
MSV508116	Micro Suction (Verhoeven) Cream 86 x 1.65mm OD (16g), double packed	50 units
MSV508116R	Micro Suction (Verhoeven) Cream 86 x 1.65mm OD (16g) with Suction Regulator, double packed	50 units
MSV508117	Micro Suction (Verhoeven) White 86 x 1.47mm OD (17g), double packed	50 units
MSV508119	Micro Suction (Verhoeven) Brown 86 x 1.05mm OD (19g), double packed	50 units
<b>110mm</b>		
MSV50114	Micro Suction (Verhoeven) Green 110 x 2.1mm OD (14g), double packed	50 units
MSV50117	Micro Suction (Verhoeven) White 110 x 1.47mm OD (17g), double packed	50 units
MSV50119	Micro Suction (Verhoeven) Brown 110 x 1.05mm OD (19g), double packed	50 units
MSV50122	Micro Suction (Verhoeven) Black 110 x 0.7mm OD (22g), double packed	50 units
MSV50127	Micro Suction (Verhoeven) Clear 110 x 0.4mm OD (27g), double packed	50 units
<b>120mm</b>		
MSV50214	Micro Suction (Verhoeven) Green 120 x 2.1mm OD (14g), double packed	50 units
MSV50217	Micro Suction (Verhoeven) White 120 x 1.47mm OD (17g), double packed	50 units
MSV50219	Micro Suction (Verhoeven) Brown 120 x 1.05mm OD (19g), double packed	50 units
MSV50222	Micro Suction (Verhoeven) Black 120 x 0.7mm OD (22g), double packed	50 units
MSV50227	Micro Suction (Verhoeven) Clear 120 x 0.4mm OD (27g), double packed	50 units



UNIVERSAL ADAPTER

- House style regulator with control
- Luer connector suitable for Verhoeven and other micro suction tubes

SUCTION REGULATOR		
DSRP5001	Suction Regulator, double packed	50 units

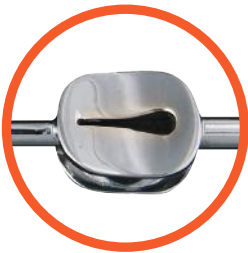


Tubing and Verhoeven not included

Suction Handles

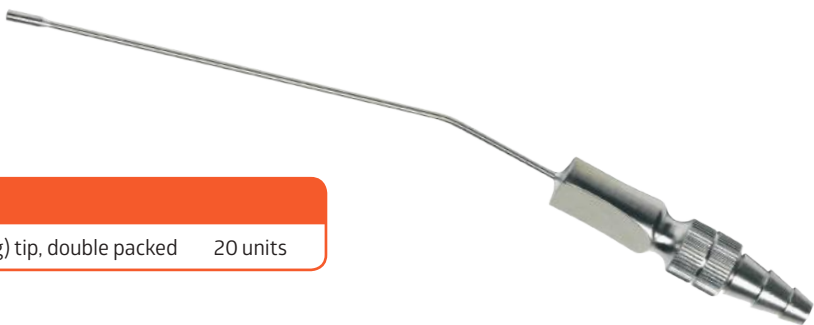
- Tear drop control for adjustable suction

TAPERED SUCTION HANDLES		
190mm		
TDH2195	Tapered Suction Handle 190mm size 5 with tear drop control, double packed	20 units
TDH2196	Tapered Suction Handle 190mm size 6 with tear drop control, double packed	20 units
TDH2197	Tapered Suction Handle 190mm size 7 with tear drop control, double packed	20 units
220mm		
TDH2225	Tapered Suction Handle 220mm size 5 with tear drop control, double packed	20 units
TDH2226	Tapered Suction Handle 220mm size 6 with tear drop control, double packed	20 units
TDH2227	Tapered Suction Handle 220mm size 7 with tear drop control, double packed	20 units



- Special tip to aid anatomical marking
- Single-use suitable for high risk cases
- Well balanced instrument comparable to reusable

TRANSSPHEROIDAL SUCTION HANDLE		
TPH2001	Transsphenoidal Suction Handle 1.66mm OD (5Fg) tip, double packed	20 units



- Available with or without fine ends
- Ergonomic balanced design for ease of use
- Tube rotation suits left or right handed users
- Range for theatre and clinic use

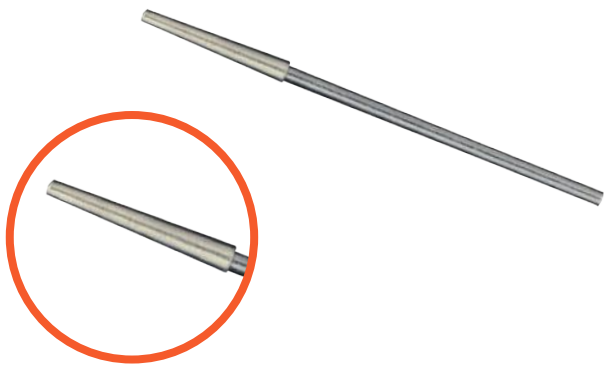
ZOELLNER SUCTION HANDLES		
SMS4400-S	Zoellner Suction Handle, single packed	50 units
SMS4418-S	Zoellner Suction Handle with 18swg Fine End, single packed	50 units
SMS4400-D	Zoellner Suction Handle, double packed	20 units
SMS4400-DS	Zoellner Suction Handle with stylet, double packed	20 units
SMS4418-D	Zoellner Suction Handle with 18swg Fine End, double packed	20 units

Zoellner Suction Handle without Fine End

Suction Handles

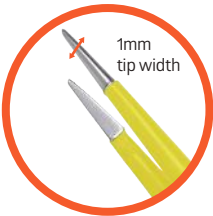
- Robust metal taper suitable for refitting during procedure
- Extra long taper gives a good fit with any suction handle
- Range of sizes from 18 to 26 standard wire gauge

ZOELLNER FINE ENDS		
SM4018	Zoellner Fine Ends size 18 swg, double packed	50 units
SM4020	Zoellner Fine Ends size 20 swg, double packed	50 units
SM4022	Zoellner Fine Ends size 22 swg, double packed	50 units
SM4024	Zoellner Fine Ends size 24 swg, double packed	50 units
SM4026	Zoellner Fine Ends size 26 swg, double packed	50 units

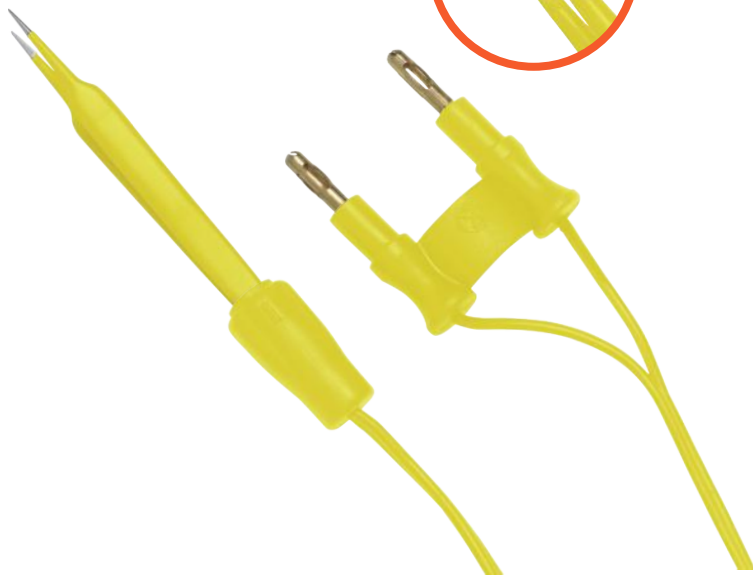


Bipolar Forceps

ADSON BIPOLAR FORCEPS		
SU790515044	Adson Bipolar Forceps 150 x 0.5mm, 3m, 4mm Plugs	20 units
SU791015044	Adson Bipolar Forceps 150 x 1mm, 3m, 4mm Plugs	20 units



SU791015044



BIPOLAR CABLE		
SU11443075	Bipolar Cable, 3m, 4mm pins UK/EU Fitting, single packed	20 units
SU11443076	Bipolar Cable, 3m, 4mm pins US Fitting, single packed	20 units

Looking for other Bipolar Forceps ?  
For full range contact us on +44 (0)1792 797910

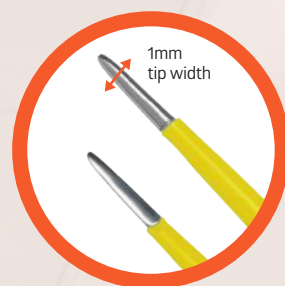




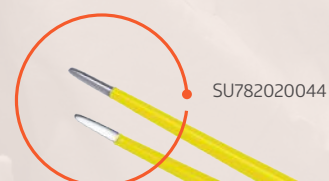
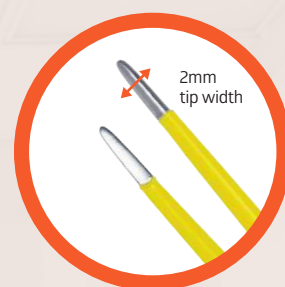
## Bayonet Bipolar Forceps

- Fine stainless steel tips with 1mm or 2mm options
- Adjustable and universal 4mm plug that is tested to comply with the latest 'Flying Leads' UK legislation
- High quality cables and connectors deliver consistently repeatable results
- All Bipolar Forceps are supplied double packed

SU781020044



SU782020044



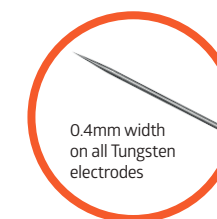
### BAYONET BIPOLAR FORCEPS

SU781020044	Bayonet Bipolar Forceps 200 x 1mm, 3m, 4mm Plugs	20 units
SU782020044	Bayonet Bipolar Forceps 200 x 2mm, 3m, 4mm Plugs	20 units

## Micro Needle Electrodes

### TUNGSTEN ELECTRODES

ST-99-750	Micro Needle Electrode, Tungsten Tip, 75 x 10mm	10 units
ST-99-751	Micro Needle Electrode, Tungsten Tip, 75 x 20mm	10 units



ST-99-750

ST-99-751

## “Supporting visibility, quality and safety in your supply chain”\*\*

Our instruments’ packaging features the latest machine readable GS1-standard barcoded labels for product traceability.

The newly incorporated labelling technology is a timely development with an increasing number of health providers worldwide adopting an ‘eProcurement’ strategy and will provide machine readable product information on all labels to meet expected EU and other regulators demands.

### Associated benefits include:

- Improve patient care and reduce costs
- Improve stock control
- One global language
- Accurately track equipment

*“Unique device identification (UDI) compliance represents a significant development for our customers. Automation of information flow will have influences across the whole purchasing and supply process, providing the benefits of superior instrument traceability and improved patient safety.”*

*“We are working closely with Kodit UDI software to provide our labelling solutions to meet the latest international regulations and we serve as a reference site for other manufacturers to learn from.”*

Andrew Davidson  
(Managing Director of DTR Medical)

For more information on our new product labelling, please contact Customer Services on +44 (0) 1792 797910 or [info@dtrmedical.com](mailto:info@dtrmedical.com)

\*\* - GS1 – Global Traceability Standards

### Matching reusable standards

We benchmark against reusable British and international standards:

#### BS 5194-1:1991

(Inc ISO 7153 – 1:2001) Surgical Instruments - (Metallic Materials and Stainless Steel)

#### BS 5194-2:1989

Specification for Instruments with Pivot Joints

#### BS 5194-3:1985

Specification for Dissecting Forceps

#### BS 5194-4:1985

Specification for Scissors, Shears and other Jointed Instruments



We operate our own UK production facilities equipped with ISO class 7 cleanrooms. Our company is fully accredited to:

**EN ISO 9001:2008**

**EN ISO 13485:2012**

**MDD 93/42/EEC**



### **DTR Medical Limited**

17 Clarion Court, Enterprise Park, Swansea SA6 8RF UK  
Telephone: +44 (0)1792 797910 Fax: +44 (0)1792 797955  
info@dtrmedical.com



[www.dtrmedical.com](http://www.dtrmedical.com)

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INVESTOR IN PEOPLE

NEURO161014