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INTRODUCTION

Thank you for choosing TECNO products. TECNO is an industry leader in research, design, development and manufacturing of “electrosurgical instruments” with dependable quality that functions under the most demanding conditions.

Made with high quality stainless steels and coated with special unbreakable and nontoxic Nylon material. Our fine instruments are hand crafted for precision and durability. We are dedicated to producing the precision instruments that you demand at the cost effective price you require.



WARRANTY

All our instruments are guaranteed to be free from defects in material or workmanship. Should a defect be found, the instrument will be replaced with any instrument of equal value that you choose.

PRODUCT LIABILITY

All our instruments are manufactured to meet the highest quality standard. We cannot accept any liability for the failure of products which have been modified in any way from their original state nor for any failure due to misuse or application which is not in accordance with the designer's intention.

COMPATIBILITY

All our instruments are compatible with almost all electrosurgical generators currently in the market.

CUSTOM MANUFACTURING

We can also custom manufacture any instrument according to your particular design and specifications. We welcome inquiry of instruments not shown in our catalog.

AUTOCCLAVE

All our reusable instruments are completely autoclavable. For further information see the manufacturer's recommendations for sterilization and AAMI standards for hospital steam sterilization.

Below are some generally accepted guidelines for sterilizing reusable instruments.

Sterilizer Type	Method	Cycle Time (minimum time at temperature)	Temperature Set Point	Minimum Drying Time
Pre-vacuum	Wrapped	3 minutes	134 °C (273°F)	15 minutes

PRICES

Prices are listed in current price list and are subject to change without any notice. All prices are F.O.B. Pakistan.

DELIVERY

Normally within 60 days of the receipt of purchase order.

PAYMENT

Payment is acceptable in the form of irrevocable letter of credit or advance payment. All L/C charges including opening, advising and bank charges outside Pakistan are for account of buyer.

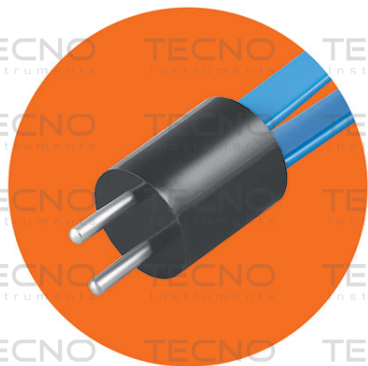
FEATURES ————— BENEFITS

Highly Polished Tip	Reduce Tissue Adherence
Precision Tip Alignment	Aids Fine Control
Light Closing Force	Less Fatigue
Well Balanced	Easier to Operate
Nylon Coating	Resists Abrasion, Provides Superb Insulation

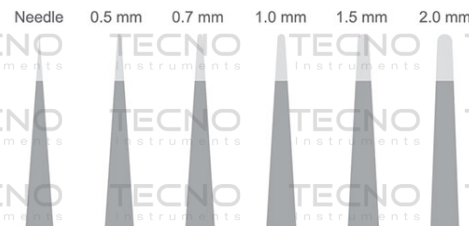
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BIPOLAR FORCEPS



Available Tip Widths (Always Specify Tips Width)



McPherson
(Straight)
110-100



McPherson
(Angled)
110-110



Coaptation
Nadler
110-120



Coaptation
110-130



Jeweler #5
110-140

Cat #	Description	Tip (mm)	Size
110-100	McPherson (Str.)	0.5	3½" (9.0 cm)
110-110	McPherson (Ang.)	0.5	3½" (9.0 cm)
110-120	Coaptation Nadler	0.5	4" (10.2 cm)
110-130	Coaptation	0.5	4¼" (10.8 cm)
110-140	Jeweler #5	Micro, 0.5	4½" (11.5 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm(-20)



Jeweler #4
110-150



Tenzel
110-160



Jeweler #7
110-170



Iris
(Straight)
110-180



Iris
(Angled)
110-190

Cat #	Description	Tip (mm)	Size
110-150	Jeweler #4	Micro, 0.5	4½" (11.5 cm)
110-160	Tenzel	Micro, 0.5	4" (10.2 cm)
110-170	Jeweler #7	Micro, 0.5	4½" (11.5 cm)
110-180	Iris (Str.)	1.0	4¾" (10.8 cm)
110-190	Iris (Ang.)	1.0	4¾" (10.8 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

BIPOLAR FORCEPS



Adson
110-200



Adson
110-206



Adson
(Angled)
110-207



Semkin
110-220



Cushing
110-230

Cat #	Description	Tip (mm)	Size
110-200	Adson	1.0	4 3/4" (12.1 cm)
110-206	Adson	1.0	6" (15.2 cm)
110-207	Adson (Ang.)	1.0	6" (15.2 cm)
110-220	Semkin	0.5	5 1/2" (14.0 cm)
110-225	Cushing	1.0, 1.5	6" (15.2 cm)
110-230	Cushing	1.0, 1.5	6 1/2" (16.5 cm)

For your convenience add the following tip extension to the product code:
 Needle Tip (-00), 0.5mm(-05), 1.0mm(-10)
 & 2.0mm (-20)



For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

BIPOLAR FORCEPS



Jansen Bayonet
110-350

Jansen Bayonet
110-360

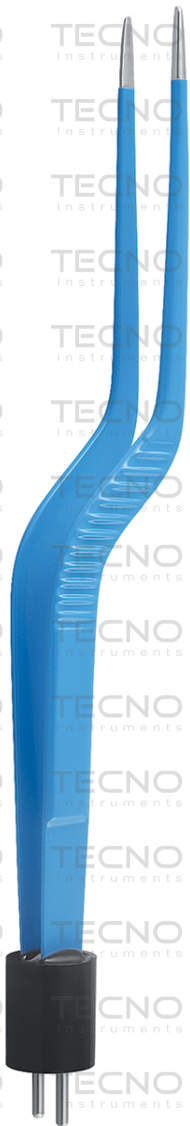
Jansen Bayonet
110-370

Malis
110-400

Malis
110-412

Cat #	Description	Tip (mm)	Size
110-340	Jansen Bayonet	0.5, 1.0, 1.5	5 1/4" (13.3 cm)
110-350	Jansen Bayonet	0.5, 1.0, 1.5	6" (15.2 cm)
110-360	Jansen Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
110-365	Jansen Bayonet	0.5, 1.0, 1.5	7 1/2" (19.1 cm)
110-370	Jansen Bayonet	1.0, 1.5, 2.0	8" (20.4 cm)
110-400	Malis	0.5, 1.0, 2.0	7" (17.8 cm)
110-410	Malis	0.5, 1.0, 2.0	7" (17.8 cm)
110-412	Malis	0.5, 1.0, 2.0	8" (20.4 cm)
110-414	Malis	0.5, 1.0, 2.0	9" (22.8 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)



Yasargil
110-442



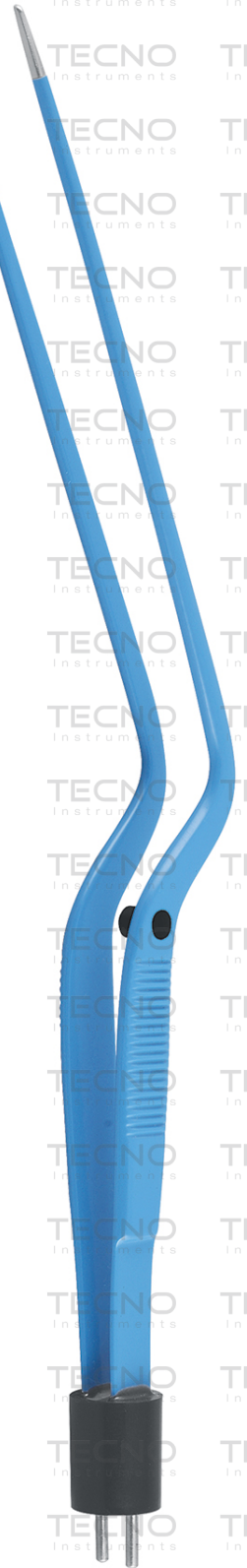
Yasargil
110-440



Scoville-Greenwood
110-430



Hardy Bayonet
110-460



Hardy Bayonet
(Angled)
110-470

Cat #	Description	Tip (mm)	Size
110-430	Scoville-Greenwood	1.0, 1.5	7½" (19.1 cm)
110-440	Yasargil	1.0, 1.5	7¼" (20.0 cm)
110-442	Yasargil	1.0, 1.5	6" (15.2 cm)
110-460	Hardy Bayonet	1.0	8½" (21.6 cm)
110-470	Hardy Bayonet (Ang.)	1.0	8½" (21.6 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

BIPOLAR FORCEPS (NON-STICK)

Introducing TECNO new Ag-Tech Non-Stick technology.

- No more undesirable tissue sticking during coagulation procedure, the bipolar forceps stay clean.
- Virtually eliminating the need for cleaning during coagulation by applying a material with excellent thermal properties for the tip which prevents the sticking of the tissues.
- The non-stick effect is permanent and will not reduce with the use of forceps.

McPherson
(Straight)
110-100 NS

McPherson
(Angled)
110-110 NS

Jeweler #5
110-140 NS

Jeweler #4
110-150 NS

Cat #	Description	Tip (mm)	Size
110-100 NS	McPherson (Str.)	0.5	3½" (9 cm)
110-110 NS	McPherson (Ang.)	0.5	3½" (9 cm)
110-140 NS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
110-150 NS	Jeweler #4	0.5, 0.7	4½" (11.5 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into non-stick bipolar forceps, use "NS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

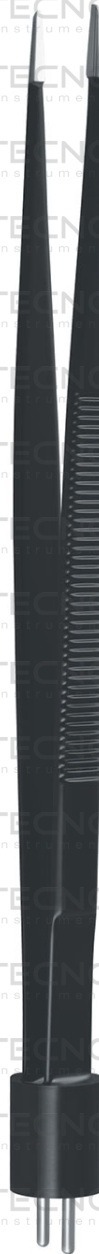
BIPOLAR FORCEPS (NON-STICK)



Adson
110-200 NS



Semkin
110-220 NS



Cushing
110-230 NS



Cushing
110-235 NS

Cat #	Description	Tip (mm)	Size
110-200 NS	Adson	1.0	4½" (12.1 cm)
110-220 NS	Semkin	0.5, 1.0	5½" (14.0 cm)
110-230 NS	Cushing	1.0, 1.5	6½" (16.5 cm)
110-235 NS	Cushing	1.0, 2.0	7" (17.8 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into non-stick bipolar forceps, use "NS" extension for conversion. Available Tip Size: 0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (NON-STICK)



Gerald Bayonet
110-320 NS

Jansen Bayonet
110-360 NS

Scoville-Greenwood
110-430 NS

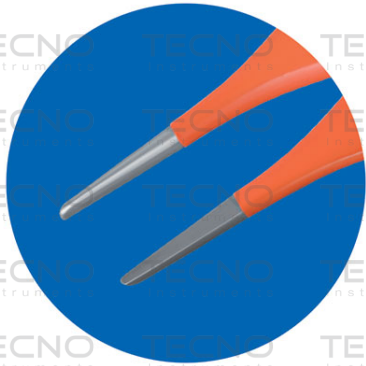
Yasargil
110-440 NS

Hardy Bayonet
110-460 NS

Cat #	Description	Tip (mm)	Size
110-320 NS	Gerald Bayonet	1.0, 1.5	7¼" (18.4 cm)
110-360 NS	Jansen Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
110-430 NS	Scoville-Greenwood	1.0, 1.5	7½" (19.1 cm)
110-440 NS	Yasargil	1.0, 1.5	7¾" (20.0 cm)
110-460 NS	Hardy Bayonet	1.0, 1.5, 2.0	8¾" (21.6 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into non-stick bipolar forceps, use "NS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)



Introducing TECNO next generation of Ag-Tech Ultra Non-Stick technology.

- No more undesirable tissue sticking during coagulation procedure, the bipolar forceps stay clean.
- Virtually eliminating the need for cleaning during coagulation by applying a material with excellent thermal properties for the tip which prevents the sticking of the tissues.
- The non-stick effect is permanent and will not reduce with the use of forceps.



McPherson
(Straight)
110-100 UNS



McPherson
(Angled)
110-110 UNS



Jeweler #5
110-140 UNS



Jeweler #4
110-150 UNS

Cat #	Description	Tip (mm)	Size
110-100 UNS	McPherson (Str.)	0.5	3½" (9 cm)
110-110 UNS	McPherson (Ang.)	0.5	3½" (9 cm)
110-140 UNS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
110-150 UNS	Jeweler #4	0.5, 0.7	4½" (11.5 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)



Adson
110-200 UNS



Semkin
110-220 UNS



Cushing
110-230 UNS



Cushing
110-235 UNS

Cat #	Description	Tip (mm)	Size
110-200 UNS	Adson	1.0	4 3/4" (12.1 cm)
110-220 UNS	Semkin	0.5, 1.0	5 1/2" (14.0 cm)
110-230 UNS	Cushing	1.0, 1.5	6 1/2" (16.5 cm)
110-235 UNS	Cushing	1.0, 2.0	7" (17.8 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)



Gerald Bayonet
110-320 UNS



Jansen Bayonet
110-360 UNS



Scoville-Greenwood
110-430 UNS



Yasargil
110-440 UNS



Hardy Bayonet
110-460 UNS

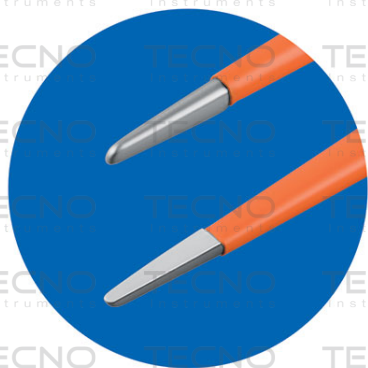
Cat #	Description	Tip (mm)	Size
110-320 UNS	Gerald Bayonet	1.0, 1.5	7¼" (18.4 cm)
110-360 UNS	Jansen Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
110-430 UNS	Scoville-Greenwood	1.0, 1.5	7½" (19.1 cm)
110-440 UNS	Yasargil	1.0, 1.5	7¾" (20.0 cm)
110-460 UNS	Hardy Bayonet	1.0, 1.5, 2.0	8½" (21.6 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)

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- The non-stick effect is permanent and will not reduce with the use of forceps.



Jeweler #5
170-110 UNS



Jeweler #5
(Angled)
170-112 UNS



Straight
170-130 UNS



Straight
170-140 UNS



Straight
170-150 UNS

Cat #	Description	Tip (mm)	Size
170-110 UNS	Jeweler #5	0.5, 0.7	4 1/2" (11.5 cm)
170-112 UNS	Jeweler #5 (Ang.)	0.5, 0.7	4 1/2" (11.5 cm)
170-130 UNS	Straight	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
170-140 UNS	Straight	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
170-150 UNS	Straight	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
170-260 UNS	Straight	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)



Cat #	Description	Tip (mm)	Size
170-132 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
170-142 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
170-152 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
170-262 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)
170-160 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
170-170 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
170-180 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
170-190 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
170-200 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (ULTRA NON-STICK)



Bayonet
(Angled Up)
170-162 UNS

Bayonet
(Angled Up)
170-182 UNS

Bayonet
(Angled Up)
170-192 UNS

Bayonet
(Angled Down)
170-165 UNS

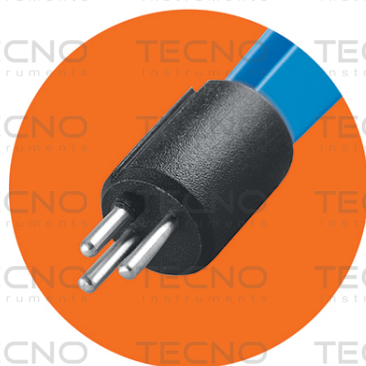
Bayonet
(Angled Down)
170-185 UNS

Bayonet
(Angled Down)
170-195 UNS

Cat #	Description	Tip (mm)	Size
170-162 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
170-172 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
170-182 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
170-192 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
170-202 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)
170-165 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
170-175 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
170-185 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
170-195 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
170-205 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into ultra non-stick bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

BIPOLAR FORCEPS (HAND-SWITCH)



3 pin connector



Jeweler #4
110-150 HS



Semkin
110-220 HS



Jansen Bayonet
110-370 HS

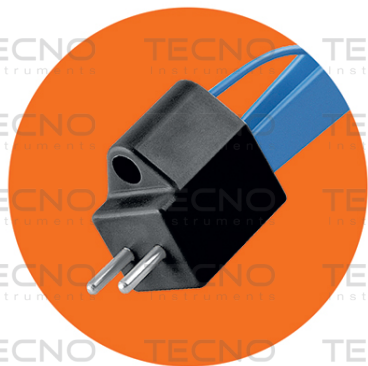


Scoville-Greenwood
110-430 HS

Cat #	Description	Tip (mm)	Size
110-150 HS	Jeweler #4	0.5	4½" (11.5 cm)
110-220 HS	Semkin	0.75	5½" (14.0 cm)
110-370 HS	Jansen Bayonet	0.75	8" (20.4 cm)
110-430 HS	Scoville-Greenwood	1.5	7½" (19.1 cm)

More bipolar forceps hand-switch are available. Use "HS" extension with any regular bipolar forceps for conversion into bipolar forceps hand-switch.

BIPOLAR FORCEPS (IRRIGATION)



Cushing
110-230 IR



Gerald Bayonet
110-320 IR



Jansen Bayonet
110-370 IR



Scoville-Greenwood
110-430 IR



Hardy Bayonet
110-460 IR

Cat #	Description	Tip (mm)	Size
110-230 IR	Cushing	1.0	6½" (16.5 cm)
110-320 IR	Gerald Bayonet	1.0	7¼" (18.4 cm)
110-370 IR	Jansen Bayonet	1.5	8" (20.4 cm)
110-430 IR	Scoville-Greenwood	1.5	7½" (19.1 cm)
110-460 IR	Hardy Bayonet	1.5	8¾" (21.6 cm)

More bipolar forceps irrigation designs are available. Use "IR" extension with any regular bipolar forceps for conversion into bipolar forceps irrigation.

BIPOLAR FORCEPS (NON-INSULATED)



Jeweler #5
120-140



Adson
120-200



Mallis
(Straight)
120-148



Semkin
120-220



Mallis
120-400



Hardy Bayonet
120-460

Cat #	Description	Tip (mm)	Size
120-140	Jeweler #5	Micro, 0.5	4½" (11.5 cm)
120-148	Mallis (Str.)	Micro, 0.5	6" (15.2 cm)
120-200	Adson	1.0	4¾" (12.1 cm)
120-220	Semkin	0.5, 0.7	5½" (14 cm)
120-400	Mallis	0.5, 1.0, 2.0	7" (17.8 cm)
120-460	Hardy Bayonet	0.5, 1.0, 2.0	8½" (21.6 cm)

Convert any regular bipolar forceps listed on pages 04 to 09 into non-insulated bipolar forceps, use 120-series for conversion into non-insulated bipolar forceps.

MONOPOLAR FORCEPS



Jewelers #4
110-500



Jewelers #7
110-510



Adson
110-520



Potts-Smith
110-530



Potts-Smith
110-540



Malis
110-555



Jansen Bayonet
110-580

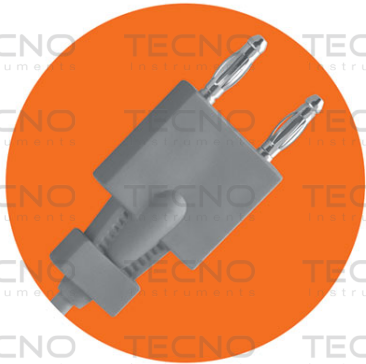


Jansen Bayonet
(Angled Up)
110-582

Cat #	Description	Tip (mm)	Size
110-500	Jewelers #4	Micro	4½" (11.5 cm)
110-510	Jewelers #7	Micro	4½" (11.5 cm)
110-520	Adson	1.0	4¾" (12.1 cm)
110-530	Potts-Smith	2.0	7" (17.8 cm)
110-540	Potts-Smith	2.0	8¼" (21.0 cm)
110-550	Potts-Smith	2.0	9½" (24.1 cm)
110-555	Malis	1.0, 1.5	7" (17.8 cm)

Cat #	Description	Tip (mm)	Size
110-560	Jansen Bayonet	1.5	5¼" (13.3 cm)
110-570	Jansen Bayonet	1.5	6¼" (15.9 cm)
110-580	Jansen Bayonet	2.0	7½" (19.1 cm)
110-590	Jansen Bayonet	2.0	8¼" (21.0 cm)
110-582	Jansen Bayonet (Ang. Up)	2.0	7½" (19.1 cm)
110-592	Jansen Bayonet (Ang. Up)	2.0	8¼" (21.0 cm)

MONOPOLAR FORCEPS (HAND-SWITCH)



Jansen Bayonet
110-560 HS



Jansen Bayonet
110-580 HS



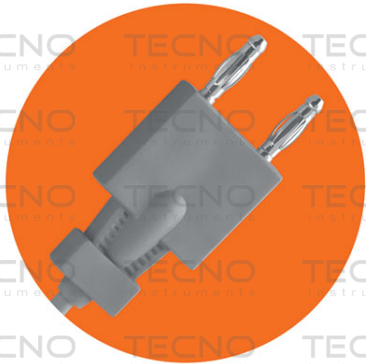
Potts-Smith
110-540 HS



Potts-Smith
110-550 HS

Cat #	Description	Tip (mm)	Size
110-560 HS	Jansen Bayonet	2.0	5½" (14.0 cm)
110-580 HS	Jansen Bayonet	2.0	7½" (19.0 cm)
110-590 HS	Jansen Bayonet	2.0	8½" (21.0 cm)
110-530 HS	Potts-Smith	2.0	7" (17.8 cm)
110-540 HS	Potts-Smith	2.0	8¼" (21.0 cm)
110-550 HS	Potts-Smith	2.0	9½" (24.0 cm)

MONOPOLAR FORCEPS (HAND-SWITCH NON-STICK)



Jansen Bayonet
110-560 HS NS



Jansen Bayonet
110-580 HS NS



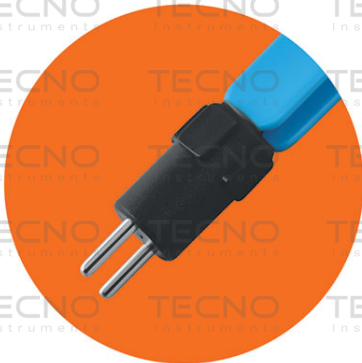
Potts-Smith
110-540 HS NS



Potts-Smith
110-550 HS NS

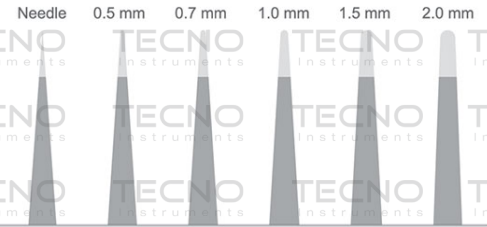
Cat #	Description	Tip (mm)	Size
110-560 HS NS	Jansen Bayonet	2.0	5½" (14.0 cm)
110-580 HS NS	Jansen Bayonet	2.0	7½" (19.0 cm)
110-590 HS NS	Jansen Bayonet	2.0	8¼" (21.0 cm)
110-530 HS NS	Potts-Smith	2.0	7" (17.8 cm)
110-540 HS NS	Potts-Smith	2.0	8¼" (21.0 cm)
110-550 HS NS	Potts-Smith	2.0	9½" (24.0 cm)

EUROPEAN BIPOLAR FORCEPS



All European bipolar forceps can be converted into 2-pin bipolar forceps, use 710-series for conversion.

Available Tip Widths (Always Specify Tips Width)



McPherson
310-100



McPherson
(Angled)
310-102



Jeweler #5
310-110



Jeweler #5
(Angled)
310-112



Jeweler #7
310-115



Adson
310-300

Cat #	Description	Tip (mm)	Size
310-100	McPherson	0.5	4" (10.2 cm)
310-102	McPherson (Ang.)	0.5	4" (10.2 cm)
310-110	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
310-112	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
310-115	Jeweler #7	0.5, 0.7	4½" (11.5 cm)
310-300	Adson	1.0	4¾" (12.1 cm)
310-310	Adson	1.0	6" (15.0 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10)
& 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS



Straight
310-120



Straight
310-130



Straight
310-140



Straight
310-150

Cat #	Description	Tip (mm)	Size
310-120	Straight	0.5, 1.0, 2.0	6" (15.0 cm)
310-130	Straight	0.5, 1.0, 2.0	7" (17.8 cm)
310-140	Straight	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-150	Straight	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-260	Straight	0.5, 1.0, 2.0	9¾" (24.0 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS



Cat #	Description	Tip (mm)	Size
310-122	Straight (Ang.)	0.5, 1.0, 2.0	6" (15.0 cm)
310-132	Straight (Ang.)	0.5, 1.0, 2.0	7" (17.8 cm)
310-142	Straight (Ang.)	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-152	Straight (Ang.)	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-262	Straight (Ang.)	0.5, 1.0, 2.0	9¾" (24.0 cm)

For your convenience add the following tip extension to the product code:
 Needle Tip (-00), 0.5mm(-05), 1.0mm(-10)
 & 2.0mm(-20)

EUROPEAN BIPOLAR FORCEPS



Bayonet
310-160



Bayonet
310-170



Bayonet
310-180



Bayonet
310-190

Cat #	Description	Tip (mm)	Size
310-160	Bayonet	0.5, 1.0, 2.0	6½" (16.5 cm)
310-170	Bayonet	0.5, 1.0, 2.0	7" (17.8 cm)
310-180	Bayonet	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-190	Bayonet	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-200	Bayonet	0.5, 1.0, 2.0	9¾" (24.0 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS



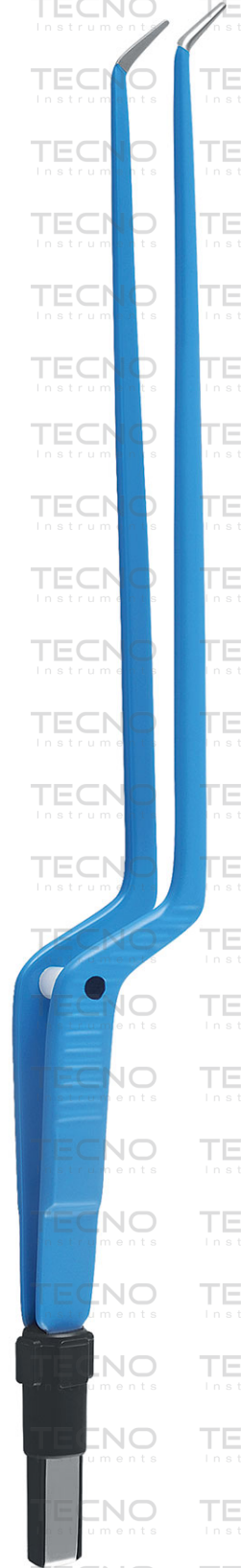
Bayonet
(Angled Up)
310-162



Bayonet
(Angled Up)
310-172



Bayonet
(Angled Up)
310-182



Bayonet
(Angled Up)
310-192

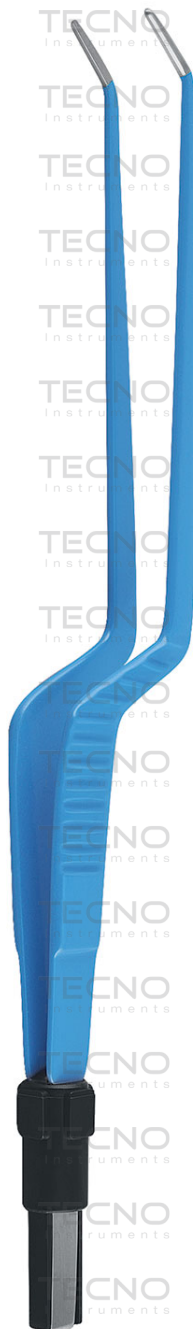
Cat #	Description	Tip (mm)	Size
310-162	Bayonet (Ang. Up)	0.5, 1.0, 2.0	6½" (16.5 cm)
310-172	Bayonet (Ang. Up)	0.5, 1.0, 2.0	7" (17.8 cm)
310-182	Bayonet (Ang. Up)	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-192	Bayonet (Ang. Up)	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-202	Bayonet (Ang. Up)	0.5, 1.0, 2.0	9¾" (24.0 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm(-20)

EUROPEAN BIPOLAR FORCEPS



Bayonet
(Angled Down)
310-165



Bayonet
(Angled Down)
310-175



Bayonet
(Angled Down)
310-185



Bayonet
(Angled Down)
310-195

Cat #	Description	Tip (mm)	Size
310-165	Bayonet (Ang. Down)	0.5, 1.0, 2.0	6½" (16.5 cm)
310-175	Bayonet (Ang. Down)	0.5, 1.0, 2.0	7" (17.8 cm)
310-185	Bayonet (Ang. Down)	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-195	Bayonet (Ang. Down)	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-205	Bayonet (Ang. Down)	0.5, 1.0, 2.0	9¾" (24.0 cm)

For your convenience add the following tip extension to the product code.
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS (NON-STICK)

Introducing TECNO new Ag-Tech Non-Stick technology.

- No more undesirable tissue sticking during coagulation procedure, the bipolar forceps stay clean.
- Virtually eliminating the need for cleaning during coagulation by applying a material with excellent thermal properties for the tip which prevents the sticking of the tissues.
- The non-stick effect is permanent and will not reduce with the use of forceps.

McPherson
310-100 NS

McPherson
(Angled)
310-102 NS

Jeweler #5
310-110 NS

Jeweler #5
(Angled)
310-112 NS

Adson
310-300 NS

Cat #	Description	Tip (mm)	Size
310-100 NS	McPherson	0.5	4" (10.2 cm)
310-102 NS	McPherson (Ang.)	0.5	4" (10.2 cm)
310-110 NS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
310-112 NS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
310-300 NS	Adson	1.0	4¾" (12.1 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into non-stick European bipolar forceps, use "NS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (NON-STICK)



Straight
310-120 NS



Straight
310-130 NS



Straight
310-140 NS



Straight
310-150 NS

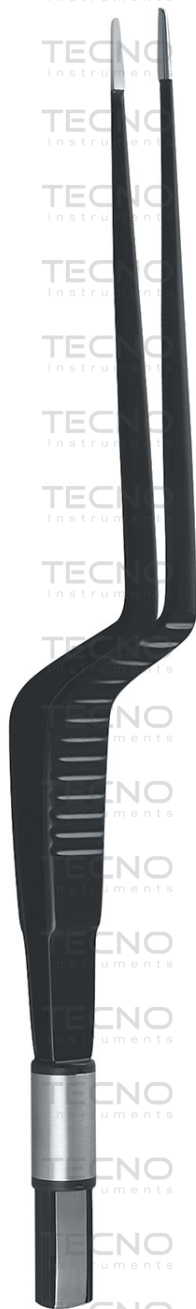
Cat #	Description	Tip (mm)	Size
310-120 NS	Straight	0.5, 1.0, 2.0	6" (15.0 cm)
310-130 NS	Straight	0.5, 1.0, 2.0	7" (17.8 cm)
310-140 NS	Straight	0.5, 1.0, 2.0	7 3/4" (20.0 cm)
310-150 NS	Straight	0.5, 1.0, 2.0	8 3/4" (22.0 cm)
310-260 NS	Straight	0.5, 1.0, 2.0	9 1/2" (24.0 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into non-stick European bipolar forceps, use "NS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (NON-STICK)



Bayonet
310-160 NS



Bayonet
310-170 NS



Bayonet
310-180 NS

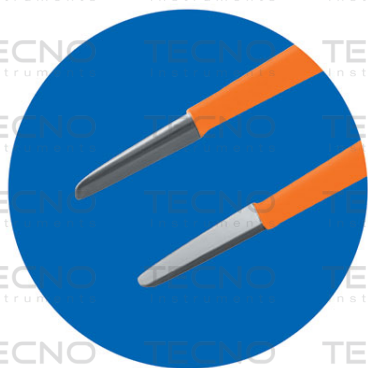


Bayonet
310-190 NS

Cat #	Description	Tip (mm)	Size
310-160 NS	Bayonet	0.5, 1.0, 2.0	6½" (16.5 cm)
310-170 NS	Bayonet	0.5, 1.0, 2.0	7" (17.8 cm)
310-180 NS	Bayonet	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-190 NS	Bayonet	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-200 NS	Bayonet	0.5, 1.0, 2.0	9½" (24.0 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into non-stick European bipolar forceps; use "NS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)



Introducing TECNO next generation of Ag-Tech Ultra Non-Stick technology.

- No more undesirable tissue sticking during coagulation procedure, the bipolar forceps stay clean.
- Virtually eliminating the need for cleaning during coagulation by applying a material with excellent thermal properties for the tip which prevents the sticking of the tissues.
- The non-stick effect is permanent and will not reduce with the use of forceps.



McPherson
310-100 UNS



McPherson
(Angled)
310-102 UNS



Jeweler #5
310-110 UNS



Jeweler #5
(Angled)
310-112 UNS



Adson
310-300 UNS

Cat #	Description	Tip (mm)	Size
310-100 UNS	McPherson	0.5	4" (10.2 cm)
310-102 UNS	McPherson (Ang.)	0.5	4" (10.2 cm)
310-110 UNS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
310-112 UNS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
310-300 UNS	Adson	1.0	4¾" (12.1 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into ultra non-stick European bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)



Straight
310-120 UNS



Straight
310-130 UNS



Straight
310-140 UNS



Straight
310-150 UNS

Cat #	Description	Tip (mm)	Size
310-120 UNS	Straight	0.5, 1.0, 2.0	6" (15.0 cm)
310-130 UNS	Straight	0.5, 1.0, 2.0	7" (17.8 cm)
310-140 UNS	Straight	0.5, 1.0, 2.0	7 3/4" (20.0 cm)
310-150 UNS	Straight	0.5, 1.0, 2.0	8 3/4" (22.0 cm)
310-260 UNS	Straight	0.5, 1.0, 2.0	9 1/2" (24.0 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into ultra non-stick European bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)



Bayonet
310-160 UNS



Bayonet
310-170 UNS



Bayonet
310-180 UNS



Bayonet
310-190 UNS

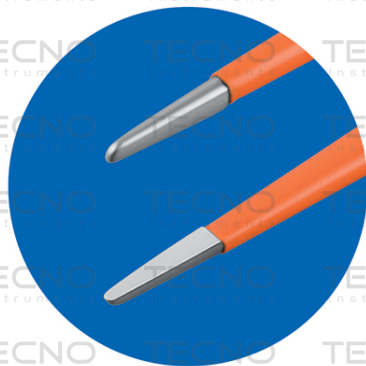
Cat #	Description	Tip (mm)	Size
310-160 UNS	Bayonet	0.5, 1.0, 2.0	6½" (16.5 cm)
310-170 UNS	Bayonet	0.5, 1.0, 2.0	7" (17.8 cm)
310-180 UNS	Bayonet	0.5, 1.0, 2.0	7¾" (20.0 cm)
310-190 UNS	Bayonet	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-200 UNS	Bayonet	0.5, 1.0, 2.0	9½" (24.0 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into ultra non-stick European bipolar forceps, use "UNS" extension for conversion.
Available Tip Size:
0.7mm, 1.0mm, 1.5mm & 2.0mm

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)

Introducing TECNO next generation of Ag-Tech Ultra Non-Stick technology.

- No more undesirable tissue sticking during coagulation procedure, the bipolar forceps stay clean.
- Virtually eliminating the need for cleaning during coagulation by applying a material with excellent thermal properties for the tip which prevents the sticking of the tissues.
- The non-stick effect is permanent and will not reduce with the use of forceps.



Jeweler #5
370-110 UNS



Jeweler #5
(Angled)
370-112 UNS



Straight
370-130 UNS



Straight
370-140 UNS



Straight
370-150 UNS

Cat #	Description	Tip (mm)	Size
370-110 UNS	Jeweler #5	0,5, 0,7	4 1/2" (11.5 cm)
370-112 UNS	Jeweler #5 (Ang.)	0,5, 0,7	4 1/2" (11.5 cm)
370-130 UNS	Straight	0,5, 0,7, 1,0, 1,5, 2,0	7" (17.8 cm)
370-140 UNS	Straight	0,5, 0,7, 1,0, 1,5, 2,0	7 3/4" (20.0 cm)
370-150 UNS	Straight	0,5, 0,7, 1,0, 1,5, 2,0	8 3/4" (22.0 cm)
370-260 UNS	Straight	0,5, 0,7, 1,0, 1,5, 2,0	9 1/2" (24.0 cm)

For your convenience add the following tip extension to the product code:
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)



Straight
(Angled)
370-132 UNS



Straight
(Angled)
370-142 UNS



Straight
(Angled)
370-152 UNS



370-160 UNS



Bayonet
370-180 UNS



Bayonet
370-190 UNS

Cat #	Description	Tip (mm)	Size
370-132 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
370-142 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
370-152 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
370-262 UNS	Straight (Ang.)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)
370-160 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
370-170 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
370-180 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
370-190 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
370-200 UNS	Bayonet	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)

For your convenience add the following tip extension to the product code.
Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS (ULTRA NON-STICK)

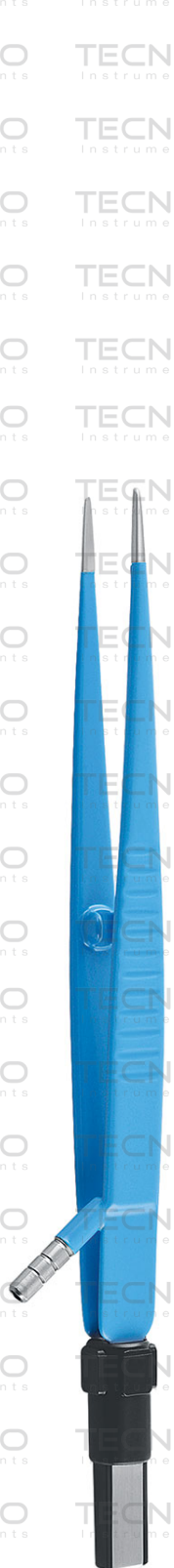


Bayonet (Angled Up) 370-162 UNS Bayonet (Angled Up) 370-182 UNS Bayonet (Angled Up) 370-192 UNS Bayonet (Angled Down) 370-165 UNS Bayonet (Angled Down) 370-185 UNS Bayonet (Angled Down) 370-195 UNS

Cat #	Description	Tip (mm)	Size
370-162 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
370-172 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
370-182 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
370-192 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
370-202 UNS	Bayonet (Ang. Up)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)
370-165 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	6 1/2" (16.5 cm)
370-175 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
370-185 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	7 3/4" (20.0 cm)
370-195 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	8 3/4" (22.0 cm)
370-205 UNS	Bayonet (Ang. Down)	0.5, 0.7, 1.0, 1.5, 2.0	9 1/2" (24.0 cm)

For your convenience add the following tip extension to the product code.
 Needle Tip (-00), 0.5mm(-05), 1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS (IRRIGATION)



Straight
310-120 IR



Straight
310-150 IR



Bayonet
310-160 IR



Bayonet
310-180 IR

Cat #	Description	Tip (mm)	Size
310-120 IR	Straight	0.5, 1.0, 2.0	6" (15.0 cm)
310-150 IR	Straight	0.5, 1.0, 2.0	8¾" (22.0 cm)
310-160 IR	Bayonet	0.5, 1.0, 2.0	6½" (16.5 cm)
310-180 IR	Bayonet	0.5, 1.0, 2.0	7¾" (20.0 cm)

Convert any European bipolar forceps listed on pages 25 to 30 into European bipolar forceps irrigation. Use "IR" extension for conversion.

EUROPEAN BIPOLAR FORCEPS (SUCTION)



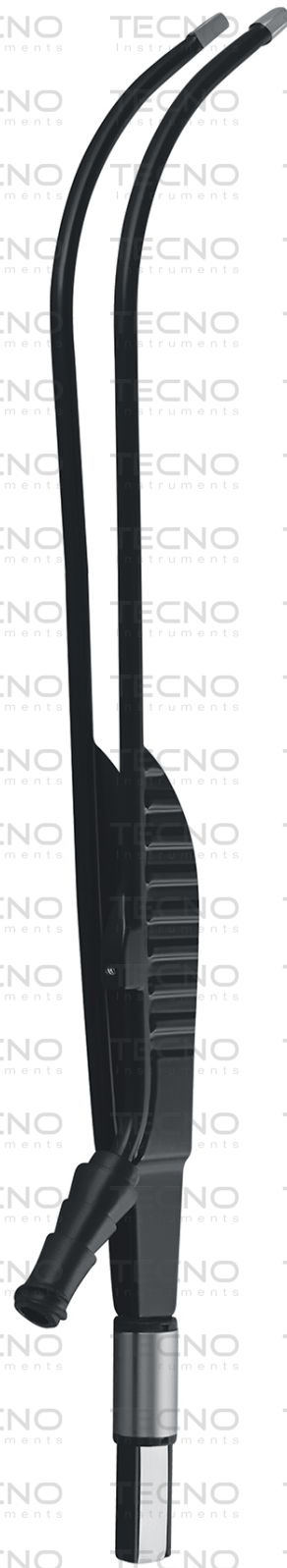
Forceps
(Straight)
310-210-00 SU



Forceps
(Angled 30°)
310-210-30 SU



Forceps
(Angled 45°)
310-210-45 SU



Forceps
(Angled 60°)
310-210-60 SU

Cat #	Description	Tip (mm)	Size
310-210-00 SU	Forceps (Str.)	3.0	8¼" (21.0 cm)
310-210-30 SU	Forceps (Ang. 30°)	3.0	8¼" (21.0 cm)
310-210-45 SU	Forceps (Ang. 45°)	3.0	8¼" (21.0 cm)
310-210-60 SU	Forceps (Ang. 60°)	3.0	8¼" (21.0 cm)

EUROPEAN BIPOLAR FORCEPS (TUNGSTEN CARBIDE)



Straight
310-140 TC



Straight
(Angled)
310-142 TC



Bayonet
310-180 TC



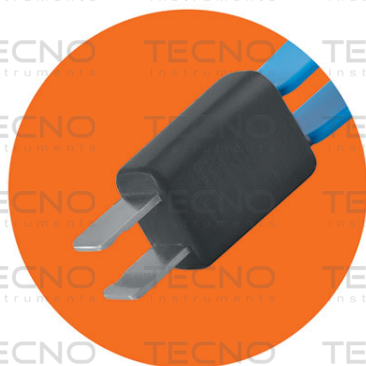
Bayonet
(Angled Up)
310-182 TC



Bayonet
(Angled Down)
310-185 TC

Cat #	Description	Tip (mm)	Size
310-140 TC	Straight	2.0	7 $\frac{1}{4}$ " (20.0 cm)
310-142 TC	Straight (Ang.)	2.0	7 $\frac{1}{4}$ " (20.0 cm)
310-180 TC	Bayonet	2.0	7 $\frac{1}{4}$ " (20.0 cm)
310-182 TC	Bayonet (Ang. Up)	2.0	7 $\frac{1}{4}$ " (20.0 cm)
310-185 TC	Bayonet (Ang. Down)	2.0	7 $\frac{1}{4}$ " (20.0 cm)

EUROPEAN BIPOLAR FORCEPS



Straight
610-120



Straight
610-130



Straight
(Angled)
610-142



Straight
(Angled)
610-152

Cat #	Description	Tip (mm)	Size	Cat #	Description	Tip (mm)	Size
610-120	Straight	0.5, 1.0, 2.0	6" (15.0 cm)	610-122	Straight (Ang.)	0.5, 1.0, 2.0	6" (15.0 cm)
610-130	Straight	0.5, 1.0, 2.0	7" (17.8 cm)	610-132	Straight (Ang.)	0.5, 1.0, 2.0	7" (17.8 cm)
610-140	Straight	0.5, 1.0, 2.0	7 3/4" (20.0 cm)	610-142	Straight (Ang.)	0.5, 1.0, 2.0	7 3/4" (20.0 cm)
610-150	Straight	0.5, 1.0, 2.0	8 3/4" (22.0 cm)	610-152	Straight (Ang.)	0.5, 1.0, 2.0	8 3/4" (22.0 cm)
610-260	Straight	0.5, 1.0, 2.0	9 1/2" (24.0 cm)	610-262	Straight (Ang.)	0.5, 1.0, 2.0	9 1/2" (24.0 cm)

For your convenience add the following
tip extension to the product code.
Needle Tip (-00), 0.5mm(-05),
1.0mm(-10) & 2.0mm (-20)

EUROPEAN BIPOLAR FORCEPS



Bayonet
610-160



Bayonet
610-170



Bayonet
(Angled Up)
610-192



Bayonet
(Angled Down)
610-195

Cat #	Description	Tip (mm)	Size	Cat #	Description	Tip (mm)	Size
610-160	Bayonet	0.5, 1.0, 2.0	5½" (14.0 cm)	610-182	Bayonet (Ang. Up)	0.5, 1.0, 2.0	7¾" (20.0 cm)
610-170	Bayonet	0.5, 1.0, 2.0	7" (17.8 cm)	610-192	Bayonet (Ang. Up)	0.5, 1.0, 2.0	8¾" (22.0 cm)
610-180	Bayonet	0.5, 1.0, 2.0	7¾" (20.0 cm)	610-185	Bayonet (Ang. Down)	0.5, 1.0, 2.0	7¾" (20.0 cm)
610-190	Bayonet	0.5, 1.0, 2.0	8¾" (22.0 cm)	610-195	Bayonet (Ang. Down)	0.5, 1.0, 2.0	8¾" (22.0 cm)
610-200	Bayonet	0.5, 1.0, 2.0	9¾" (24.0 cm)				

For your convenience add the following
tip extension to the product code.
Needle Tip (-00), 0.5mm(-05),
1.0mm(-10) & 2.0mm (-20)

BIPOLAR FORCEPS SINGLE-USE (MOLDED)

Bipolar Cable Single-Use
190-100 D



Coaptation
215-130



Jeweler #5
215-140



Jeweler #5
(Angled)
215-145



Cushing
215-245

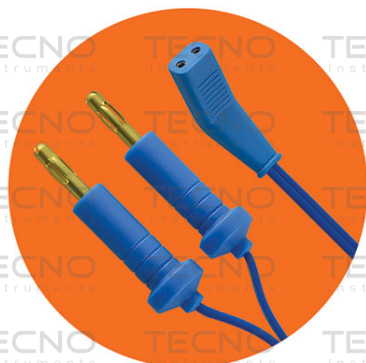


Jansen Bayonet
215-370

Cat #	Description	Tip (mm)	Size
215-130	Coaptation	0.5	4" (10.2 cm)
215-140	Jeweler #5	0.5	4" (10.2 cm)
215-145	Jeweler #5 (Ang.)	0.5	4" (10.2 cm)
215-245	Cushing	1.0	8" (20.4 cm)
215-370	Jansen Bayonet	1.0	8" (20.4 cm)

BIPOLAR FORCEPS SINGLE-USE

Bipolar Cable Single-Use
190-100 D



Jeweler #5
210-140



Adson
210-200



Semkin
(Straight)
210-220



Cushing
(Straight)
210-230



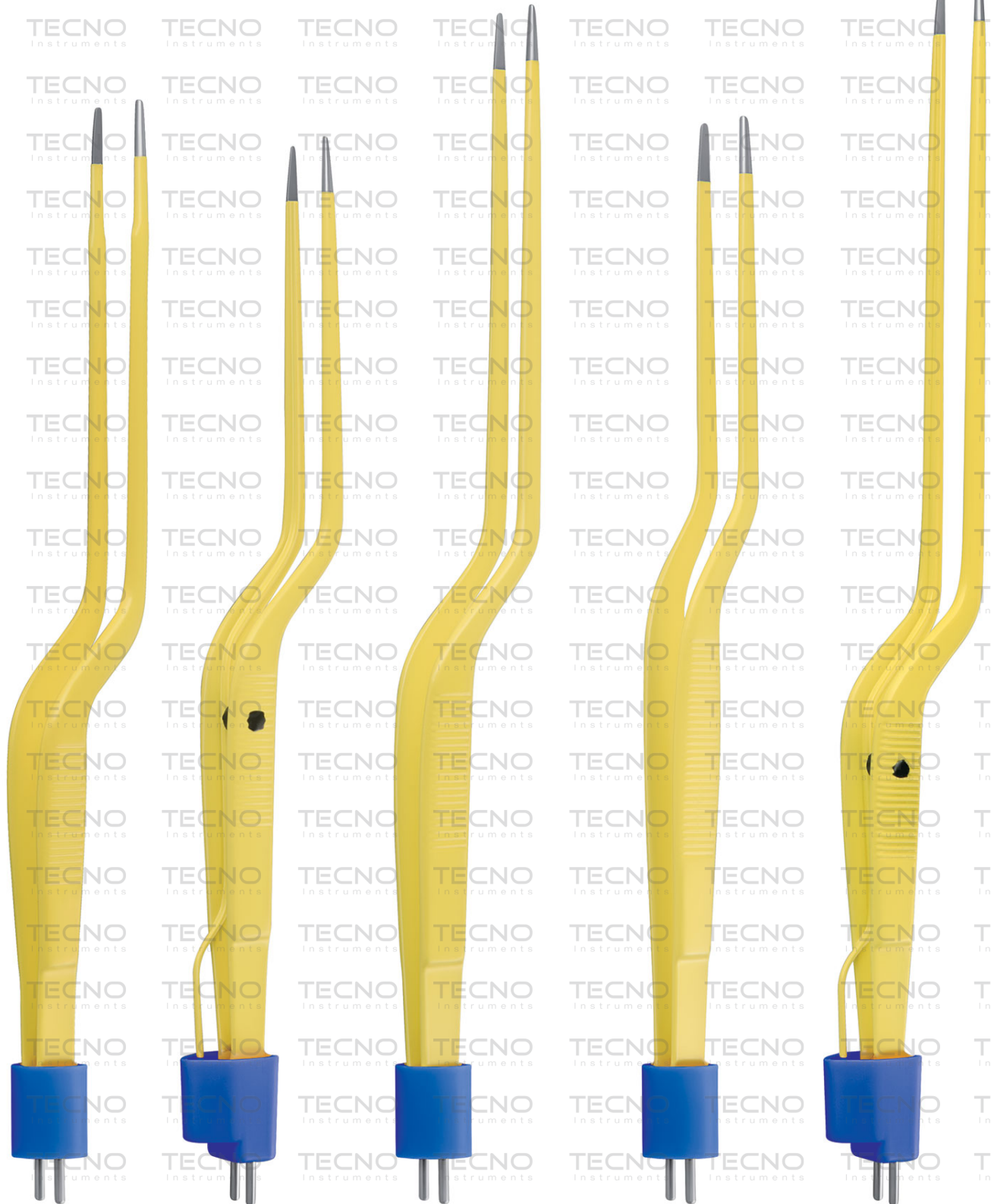
Gerald
(Straight)
210-300

Cat #	Description	Tip (mm)	Size
210-140	Jeweler #5	Micro, 0.5	4½" (11.5 cm)
210-200	Adson	1.0	4¾" (12.1 cm)
210-220	Semkin (Str.)	0.5	5½" (14.0 cm)
210-230	Cushing (Str.)	1.0, 1.5	6½" (16.5 cm)
210-300	Gerald (Str.)	1.0, 1.5	7" (17.8 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in bipolar
forceps (single-use). Use 210-series with
any regular bipolar forceps for conversion
into bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE



Gerald Bayonet
210-320

Jansen Bayonet
(Irrigation)
210-360 IR

Jansen Bayonet
210-370

Malis
210-400

Hardy Bayonet
(Irrigation)
210-460 IR

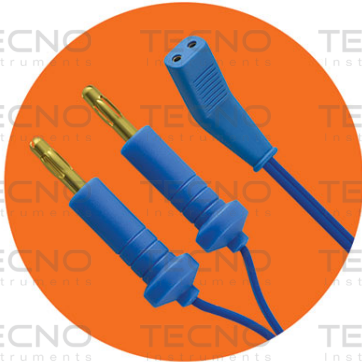
Cat #	Description	Tip (mm)	Size
210-320	Gerald Bayonet	1.0, 1.5	7¼" (18.4 cm)
210-360 IR	Jansen Bayonet (Irrigation)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
210-370	Jansen Bayonet	1.0, 1.5, 2.0	8" (20.4 cm)
210-400	Malis	1.0, 1.5, 2.0	7" (17.8 cm)
210-460 IR	Hardy Bayonet (Irrigation)	1.0	8½" (21.6 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in bipolar forceps (single-use). Use 210-series with any regular bipolar forceps for conversion into bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE (NON-STICK)

Bipolar Cable Single-Use
190-100 D



Jeweler #5
210-140 NS



Adson
210-200 NS



Semkin
(Straight)
210-220 NS



Cushing
(Straight)
210-230 NS



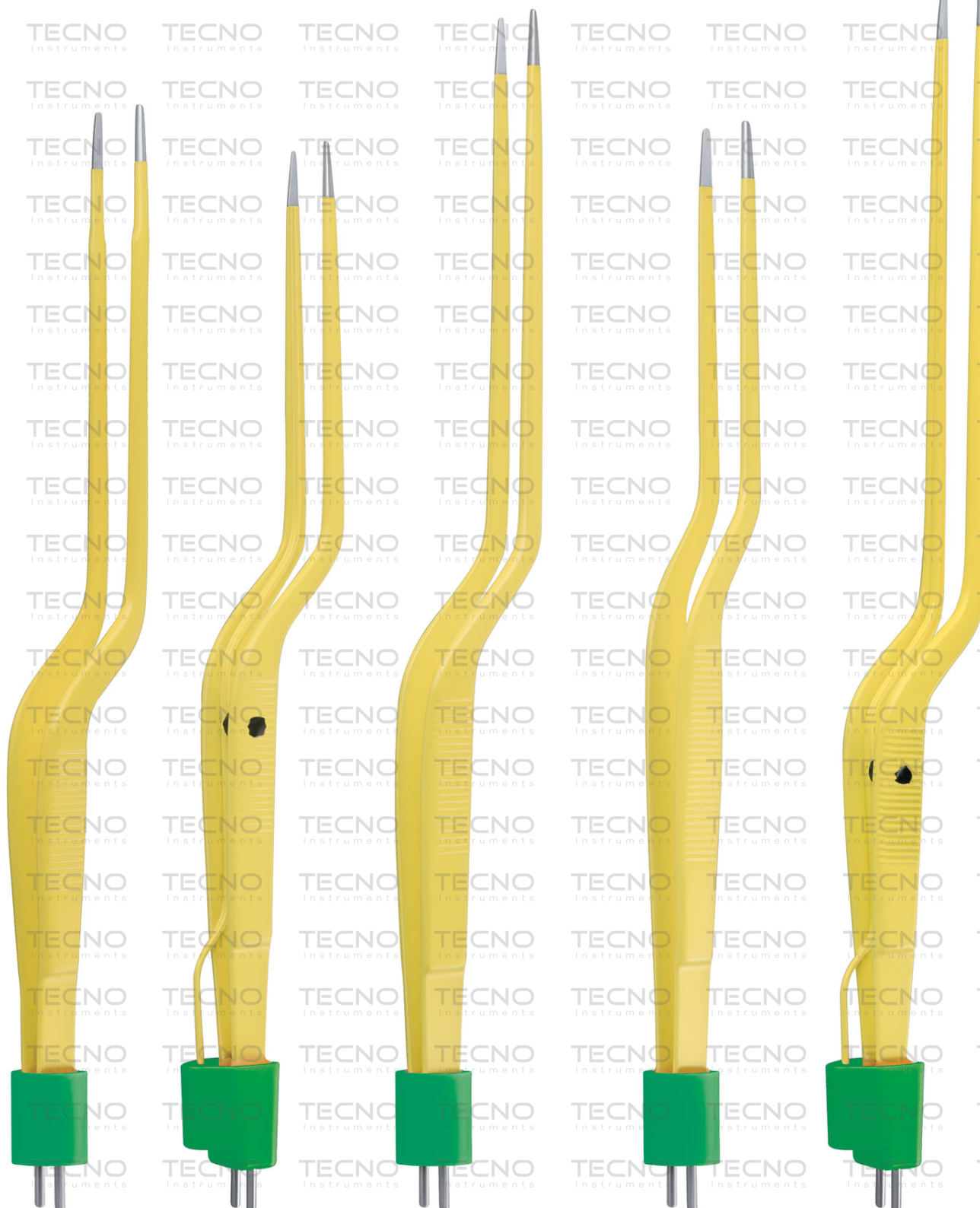
Gerald
(Straight)
210-300 NS

Cat #	Description	Tip (mm)	Size
210-140 NS	Jeweler #5	Micro, 0.5	4½" (11.5 cm)
210-200 NS	Adson	1.0	4¾" (12.1 cm)
210-220 NS	Semkin (Str.)	0.5	5½" (14.0 cm)
210-230 NS	Cushing (Str.)	1.0, 1.5	6½" (16.5 cm)
210-300 NS	Gerald (Str.)	1.0, 1.5	7" (17.8 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in non-stick bipolar forceps (single-use).
Use 210-series with any regular bipolar forceps for conversion into non-stick bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE (NON-STICK)



Gerald Bayonet
210-320 NS

Jansen Bayonet
(Irrigation)
210-360 IR NS

Jansen Bayonet
210-370 NS

Malis
210-400 NS

Hardy Bayonet
(Irrigation)
210-460 IR NS

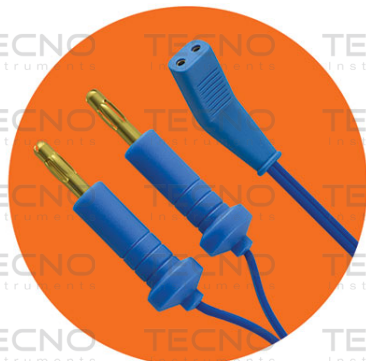
Cat #	Description	Tip (mm)	Size
210-320 NS	Gerald Bayonet	1.0, 1.5	7¼" (18.4 cm)
210-360 IR NS	Jansen Bayonet (Irrigation)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
210-370 NS	Jansen Bayonet	1.0, 1.5, 2.0	8" (20.4 cm)
210-400 NS	Malis	1.0, 1.5, 2.0	7" (17.8 cm)
210-460 IR NS	Hardy Bayonet (Irrigation)	1.0	8½" (21.6 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in non-stick bipolar forceps (single-use).
Use 210-series with any regular bipolar forceps for conversion into non-stick bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE (ULTRA NON-STICK)

Bipolar Cable Single-Use
190-100 D



Jeweler #5
210-140 UNS



Adson
210-200 UNS



Semkin
(Straight)
210-220 UNS



Cushing
(Straight)
210-230 UNS



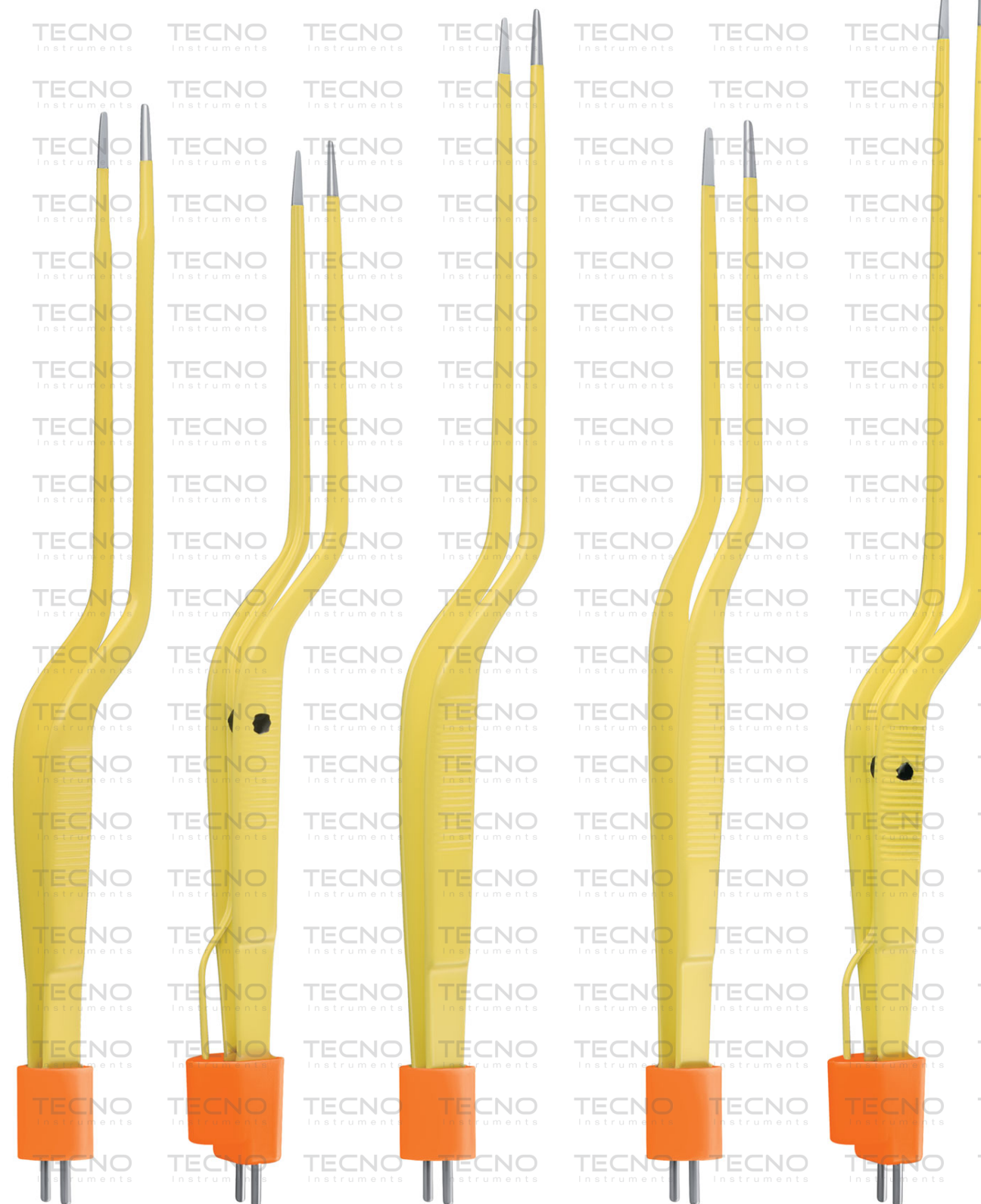
Gerald
(Straight)
210-300 UNS

Cat #	Description	Tip (mm)	Size
210-140 UNS	Jeweler #5	Micro, 0.5	4½" (11.5 cm)
210-200 UNS	Adson	1.0	4¾" (12.1 cm)
210-220 UNS	Semkin (Str.)	0.5	5½" (14.0 cm)
210-230 UNS	Cushing (Str.)	1.0, 1.5	6½" (16.5 cm)
210-300 UNS	Gerald (Str.)	1.0, 1.5	7" (17.8 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in ultra non-stick bipolar forceps (single-use).
Use 210-series with any regular bipolar forceps for conversion into ultra non-stick bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE (ULTRA NON-STICK)



Gerald Bayonet
210-320 UNS

Jansen Bayonet
(Irrigation)
210-360 IR UNS

Jansen Bayonet
210-370 UNS

Malis
210-400 UNS

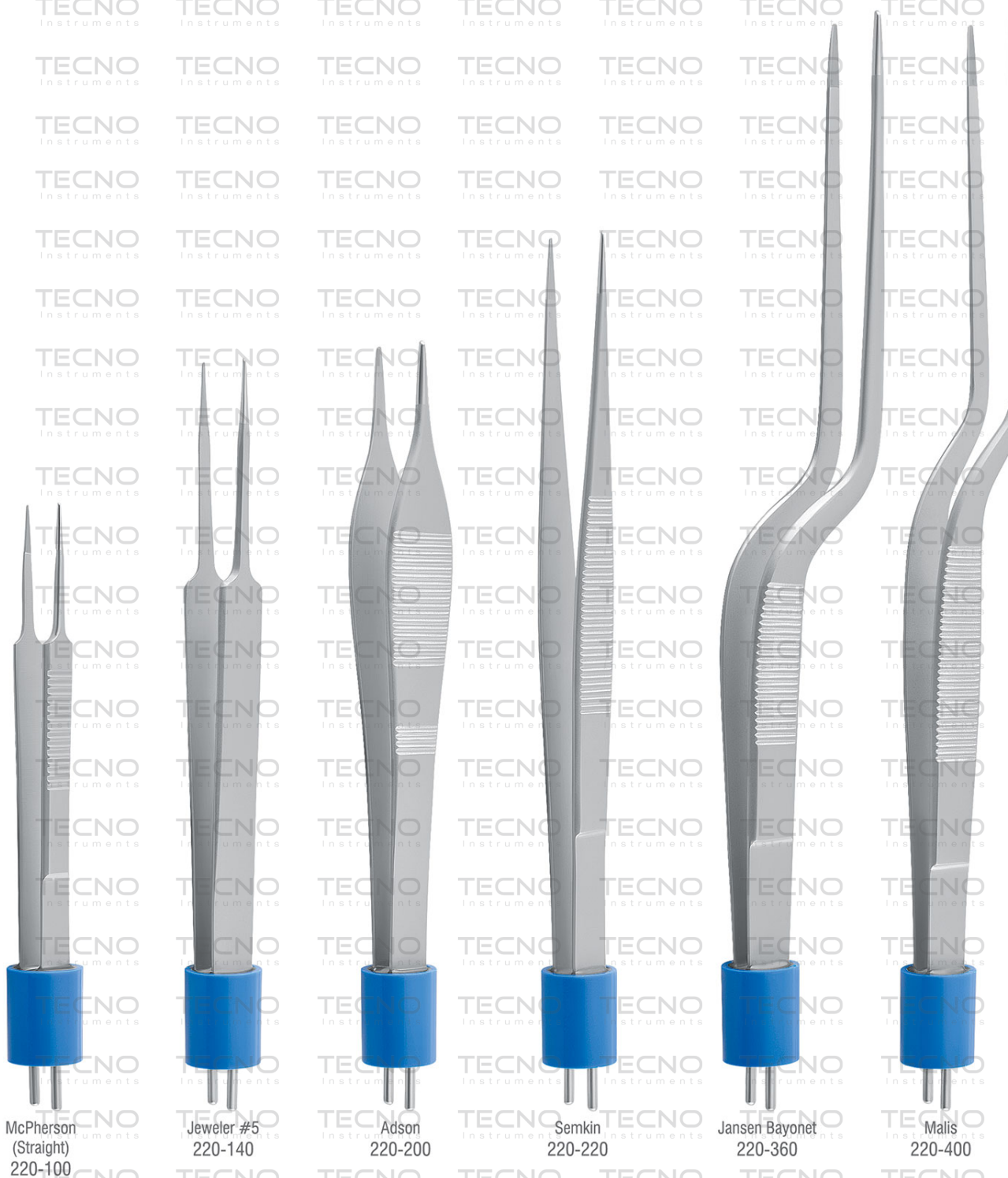
Hardy Bayonet
(Irrigation)
210-460 IR UNS

Cat #	Description	Tip (mm)	Size
210-320 UNS	Gerald Bayonet	1.0, 1.5	7¼" (18.4 cm)
210-360 IR UNS	Jansen Bayonet (Irrigation)	0.5, 0.7, 1.0, 1.5, 2.0	7" (17.8 cm)
210-370 UNS	Jansen Bayonet	1.0, 1.5, 2.0	8" (20.4 cm)
210-400 UNS	Malis	1.0, 1.5, 2.0	7" (17.8 cm)
210-460 IR UNS	Hardy Bayonet (Irrigation)	1.0	8½" (21.6 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in ultra non-stick bipolar forceps (single-use).
Use 210-series with any regular bipolar forceps for conversion into ultra non-stick bipolar forceps (single-use).

BIPOLAR FORCEPS SINGLE-USE (NON-INSULATED)



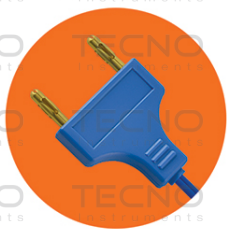
Cat #	Description	Tip (mm)	Size
220-100	McPherson (Str.)	0.5	3½" (9.0 cm)
220-140	Jeweler #5	Needle, 0.5	4½" (11.5 cm)
220-200	Adson	0.5, 1.0	4¾" (12.1 cm)
220-220	Semkin	0.5, 0.7, 1.0	5½" (14.0 cm)
220-360	Jansen Bayonet	0.5, 1.0, 1.5, 2.0	7" (17.8 cm)
220-400	Malis	0.5, 1.0, 1.5	7" (17.8 cm)

EUROPEAN BIPOLAR FORCEPS SINGLE-USE

410-Series supplied with
Banana plug



415-Series supplied with
Valleylab plug



McPherson
(Angled)
410-102



Jeweler #5
410-110



Jeweler #5
(Angled)
410-112



Straight
410-140



Bayonet
410-170



Bayonet
410-180

Cat #	Description	Tip (mm)	Size
410-102	McPherson (Ang.)	0.5	4" (10.2 cm)
410-110	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
410-112	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
410-140	Straight	0.5, 1.0, 1.5	7¾" (20.0 cm)
410-170	Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
410-180	Bayonet	0.5, 1.0, 1.5	7¾" (20.0 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in European bipolar forceps (single-use). Use 410/415 series with any European bipolar forceps for conversion into European bipolar forceps (single-use).

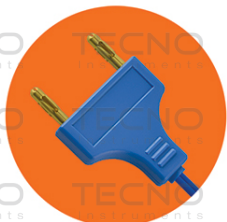
EUROPEAN BIPOLAR FORCEPS

SINGLE-USE (NON-STICK)

410-Series supplied with
Banana plug



415-Series supplied with
Valleylab plug



McPherson
(Angled)
410-102 NS



Jeweler #5
410-110 NS



Jeweler #5
(Angled)
410-112 NS



Straight
410-140 NS



Bayonet
410-170 NS



Bayonet
410-180 NS

Cat #	Description	Tip (mm)	Size
410-102 NS	McPherson (Ang.)	0.5	4" (10.2 cm)
410-110 NS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
410-112 NS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
410-140 NS	Straight	0.5, 1.0, 1.5	7¾" (20.0 cm)
410-170 NS	Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
410-180 NS	Bayonet	0.5, 1.0, 1.5	7¾" (20.0 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in non-stick
European bipolar forceps (single-use). Use
410/415 series with any European bipolar
forceps for conversion into non-stick
European bipolar forceps (single-use).

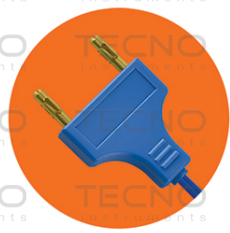
EUROPEAN BIPOLAR FORCEPS

SINGLE-USE (ULTRA NON-STICK)

410-Series supplied with
Banana plug



415-Series supplied with
Valleylab plug



McPherson
(Angled)
410-102 UNS



Jeweler #5
410-110 UNS



Jeweler #5
(Angled)
410-112 UNS



Straight
410-140 UNS



Bayonet
410-170 UNS



Bayonet
410-180 UNS

Cat #	Description	Tip (mm)	Size
410-102 UNS	McPherson (Ang.)	0.5	4" (10.2 cm)
410-110 UNS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
410-112 UNS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
410-140 UNS	Straight	0.5, 1.0, 1.5	7¾" (20.0 cm)
410-170 UNS	Bayonet	0.5, 1.0, 1.5	7" (17.8 cm)
410-180 UNS	Bayonet	0.5, 1.0, 1.5	7¾" (20.0 cm)

Forceps are supplied with 3m cable.
Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in ultra non-stick
European bipolar forceps (single-use). Use
410/415 series with any European bipolar
forceps for conversion into ultra non-stick
European bipolar forceps (single-use).

EUROPEAN BIPOLAR FORCEPS SINGLE-USE



Jeweler #5
510-110



Jeweler #5
(Angled)
510-112



Adson
510-300



Straight
510-140



Straight
(Angled)
510-142

Cat #	Description	Tip (mm)	Size
510-110	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
510-112	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
510-300	Adson	1.0	4¾" (12.1 cm)
510-140	Straight	1.0, 1.5, 2.0	7¾" (20.0 cm)
510-142	Straight (Ang.)	1.0, 1.5, 2.0	7¾" (20.0 cm)

Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in European
bipolar forceps (single-use).

EUROPEAN BIPOLAR FORCEPS

SINGLE-USE (NON-STICK)



Jeweler #5
510-110 NS



Jeweler #5
(Angled)
510-112 NS



Adson
510-300 NS



Straight
510-140 NS



Straight
(Angled)
510-142 NS

Cat #	Description	Tip (mm)	Size
510-110 NS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
510-112 NS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
510-300 NS	Adson	1.0	4¾" (12.1 cm)
510-140 NS	Straight	1.0, 1.5, 2.0	7¾" (20.0 cm)
510-142 NS	Straight (Ang.)	1.0, 1.5, 2.0	7¾" (20.0 cm)

Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in non-stick
European bipolar forceps (single-use).

EUROPEAN BIPOLAR FORCEPS

SINGLE-USE (ULTRA NON-STICK)



Jeweler #5
510-110 UNS



Jeweler #5
(Angled)
510-112 UNS



Adson
510-300 UNS



Straight
510-140 UNS



Straight
(Angled)
510-142 UNS

Cat #	Description	Tip (mm)	Size
510-110 UNS	Jeweler #5	0.5, 0.7	4½" (11.5 cm)
510-112 UNS	Jeweler #5 (Ang.)	0.5, 0.7	4½" (11.5 cm)
510-300 UNS	Adson	1.0	4¾" (12.1 cm)
510-140 UNS	Straight	1.0, 1.5, 2.0	7¾" (20.0 cm)
510-142 UNS	Straight (Ang.)	1.0, 1.5, 2.0	7¾" (20.0 cm)

Available in Sterile/Non-Sterile packing.
Sterilization by Ethylene Oxide (EO).

More designs are available in ultra non-stick
European bipolar forceps (single-use).

BIPOLAR ARTERY SEALERS

Silicone Bipolar Cable
10' (3.0 m)
190-180



Artery Sealer
110-750



Artery Sealer
(Non-Stick)
110-750 NS



Artery Sealer
110-755

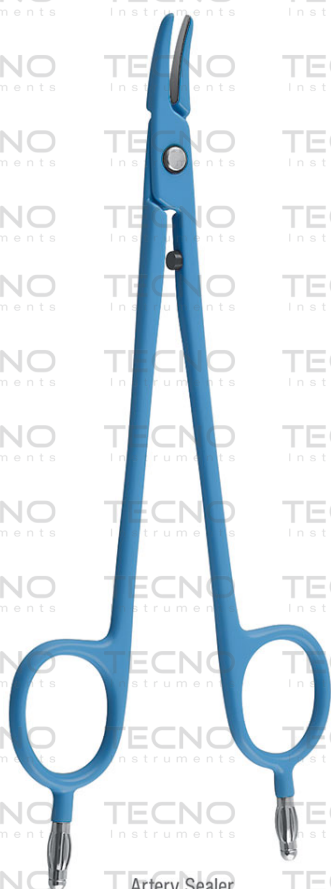
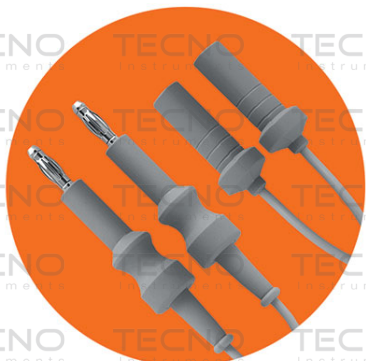


Artery Sealer
(Non-Stick)
110-755 NS

Cat #	Description	Size
110-750	Bipolar Artery Sealer	10½" (26.0 cm)
110-750 NS	Bipolar Artery Sealer (Non-Stick)	10½" (26.0 cm)
110-755	Bipolar Artery Sealer	9½" (24.0 cm)
110-755 NS	Bipolar Artery Sealer (Non-Stick)	9½" (24.0 cm)

BIPOLAR ARTERY SEALERS

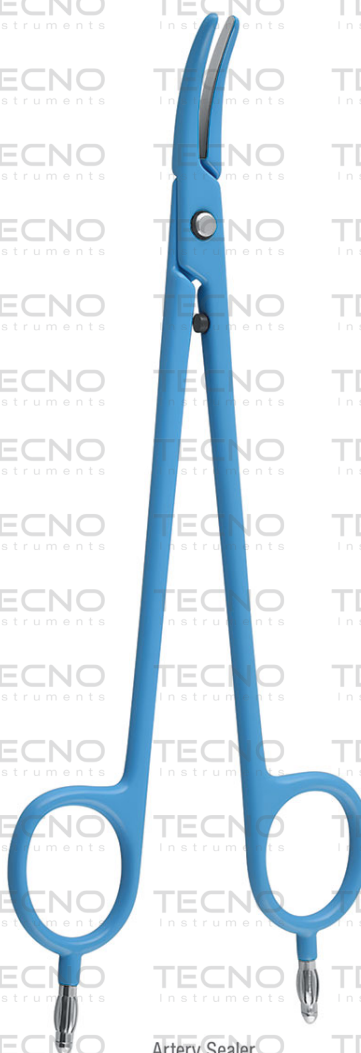
Silicone Bipolar Cable
10' (3.0 m)
190-180



Artery Sealer
110-760



Artery Sealer
(Non-Stick)
110-760 NS



Artery Sealer
110-762



Artery Sealer
(Non-Stick)
110-762 NS

Cat #	Description	Size
110-760	Bipolar Artery Sealer	6½" (16.0 cm)
110-760 NS	Bipolar Artery Sealer (Non-Stick)	6½" (16.0 cm)
110-762	Bipolar Artery Sealer	7½" (19.0 cm)
110-762 NS	Bipolar Artery Sealer (Non-Stick)	7½" (19.0 cm)

BIPOLAR ARTERY SEALERS

Silicone Bipolar Cable
10' (3.0 m)
190-180



Artery Sealer
110-764



Artery Sealer
(Non-Stick)
110-764 NS



Artery Sealer
110-768



Artery Sealer
(Non-Stick)
110-768 NS

Cat #	Description	Size
110-764	Bipolar Artery Sealer	8½" (22.0 cm)
110-764 NS	Bipolar Artery Sealer (Non-Stick)	8½" (22.0 cm)
110-766	Bipolar Artery Sealer	9½" (24.0 cm)
110-766 NS	Bipolar Artery Sealer (Non-Stick)	9½" (24.0 cm)
110-768	Bipolar Artery Sealer	10½" (26.0 cm)
110-768 NS	Bipolar Artery Sealer (Non-Stick)	10½" (26.0 cm)

BIPOLAR SCISSORS



Bipolar Scissors
(Curved)
110-815-18



Bipolar Scissors
(Curved)
110-815-21



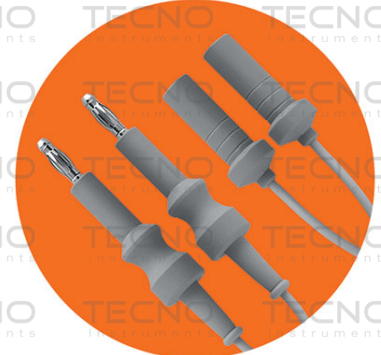
Bipolar Scissors
(Curved)
110-815-23

Cat #	Description	Size
110-815-18	Bipolar Scissors (Crv.)	7" (18.0 cm)
110-815-21	Bipolar Scissors (Crv.)	8 1/4" (21.0 cm)
110-815-23	Bipolar Scissors (Crv.)	9" (23.0 cm)

BIPOLAR CLAMP SCISSORS



Ethicon Bipolar Cable
10' (3.0 m)
190-185

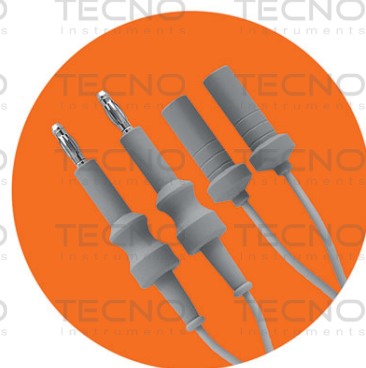


Bipolar Clamp Scissors
110-825-15

Bipolar Clamp Scissors
110-825-19

Cat #	Description	Size
110-825-15	Bipolar Clamp Scissors	6" (15.0 cm)
110-825-19	Bipolar Clamp Scissors	7½" (19.0 cm)

TONSILLECTOMY BIPOLAR CLAMP



Silicone Bipolar Cable
10' (3.0 m)
190-180



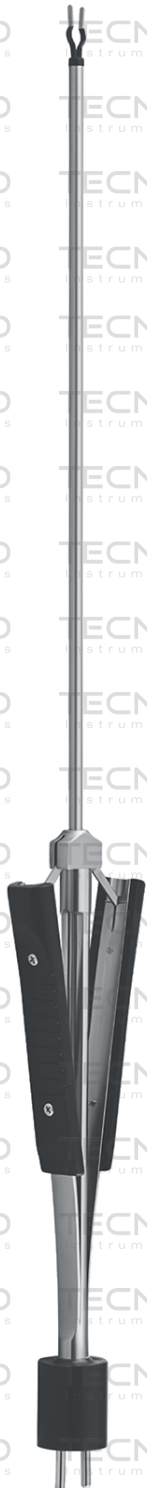
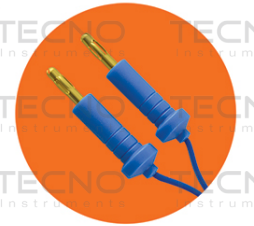
Tonsillectomy Bipolar Clamp
110-770

Tonsillectomy Bipolar Clamp (Single-Use)
210-770

Cat #	Description	Size
110-770	Tonsillectomy Bipolar Clamp	7 1/4" (18.5 cm)
210-770	Tonsillectomy Bipolar Clamp (Single-Use)	7 1/4" (18.5 cm)

ENDOSCOPIC BIPOLAR FORCEPS

410-Series supplied with
Banana plug



Endoscopic Bipolar
Forceps (Straight)
(Reusable)
26.0 cm
110-900-15



Endoscopic Bipolar
Forceps (Angled)
(Reusable)
26.0 cm
110-945-15



Endoscopic Bipolar
Forceps (Straight)
(Single-Use)
27.0 cm
410-900-15



Endoscopic Bipolar
Forceps (Angled)
(Single-Use)
27.0 cm
410-945-15



Endoscopic Bipolar
Forceps (Straight)
(Single-Use)
27.0 cm
410-900-15 UNS



Endoscopic Bipolar
Forceps (Angled)
(Single-Use)
27.0 cm
410-945-15 UNS

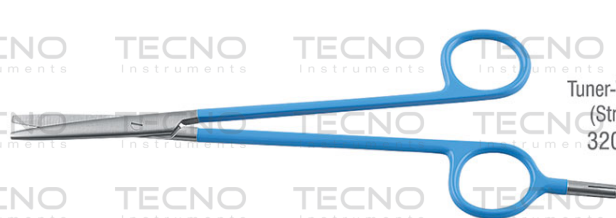
POLYPECTOMY SNARE



Polypectomy Snare
152-500



Polypectomy Snare (Single-Use)
150-500



Tuner-Warwick
(Straight)
320-200



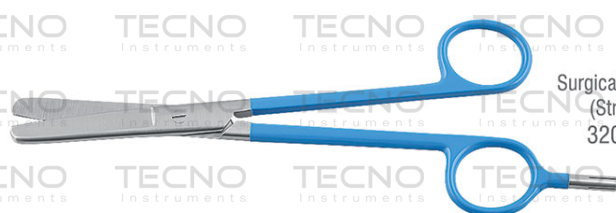
Wilson Hey Forceps
(Straight)
320-240



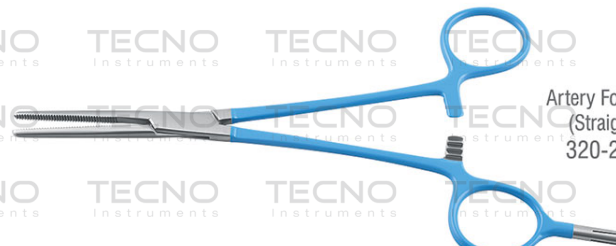
Tuner-Warwick
(Curved)
320-202



Wilson Hey Forceps
(Curved)
320-242



Surgical Scissors
(Straight)
320-220



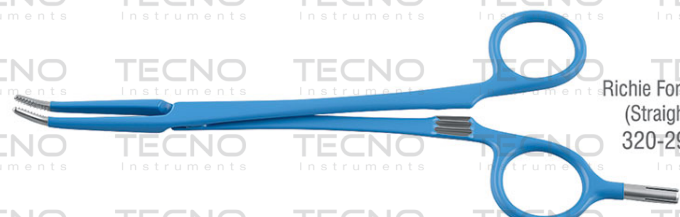
Artery Forceps
(Straight)
320-260



Surgical Scissors
(Curved)
320-222



Artery Forceps
(Curved)
320-262



Richie Forceps
(Straight)
320-290



Abbey Needle
320-190

English: Monopolar
(Male 4.8 mm connector)

European Monopolar
(Female 4.0 mm connector)

Cat #	Cat #	Description	Size
320-200	330-200	Tuner-Warwick Scissors (Str.)	7" (17.8 cm)
320-202	330-202	Tuner-Warwick Scissors (Crv.)	7" (17.8 cm)
320-210	330-210	Tuner-Warwick Scissors (Str.)	9" (23.0 cm)
320-212	330-212	Tuner-Warwick Scissors (Crv.)	9" (23.0 cm)
320-220	330-220	Surgical Scissors (Str.)	7" (17.8 cm)
320-222	330-222	Surgical Scissors (Crv.)	7" (17.8 cm)
320-230	330-230	Surgical Scissors (Str.)	9" (23.0 cm)
320-232	330-232	Surgical Scissors (Crv.)	9" (23.0 cm)
320-240	330-240	Wilson Hey Forceps (Str.)	7" (17.8 cm)
320-242	330-242	Wilson Hey Forceps (Crv.)	7" (17.8 cm)
320-250	330-250	Wilson Hey Forceps (Str.)	9" (23.0 cm)
320-252	330-252	Wilson Hey Forceps (Crv.)	9" (23.0 cm)
320-260	330-260	Artery Forceps (Str.)	7" (17.8 cm)
320-262	330-262	Artery Forceps (Crv.)	7" (17.8 cm)
320-270	330-270	Artery Forceps (Str.)	9" (23.0 cm)
320-272	330-272	Artery Forceps (Crv.)	9" (23.0 cm)
320-290	330-290	Richie Forceps (Str.)	7" (17.8 cm)
320-292	330-292	Richie Forceps (Str.)	8" (20.0 cm)
320-296	330-296	Richie Forceps (Str.)	9" (23.0 cm)
320-190	330-190	Abbey Needle	6 3/4" (17.5 cm)

DIATHERMY INSTRUMENTS



Adson
320-100



McIndoe
320-110



Gillies (1x2)
320-120



Dissecting Forceps
320-130



Gerald (1x2)
320-140



Adson Bayonet
320-150



Remington Hobb
320-170



DeBakey Tissue Forceps
350-304

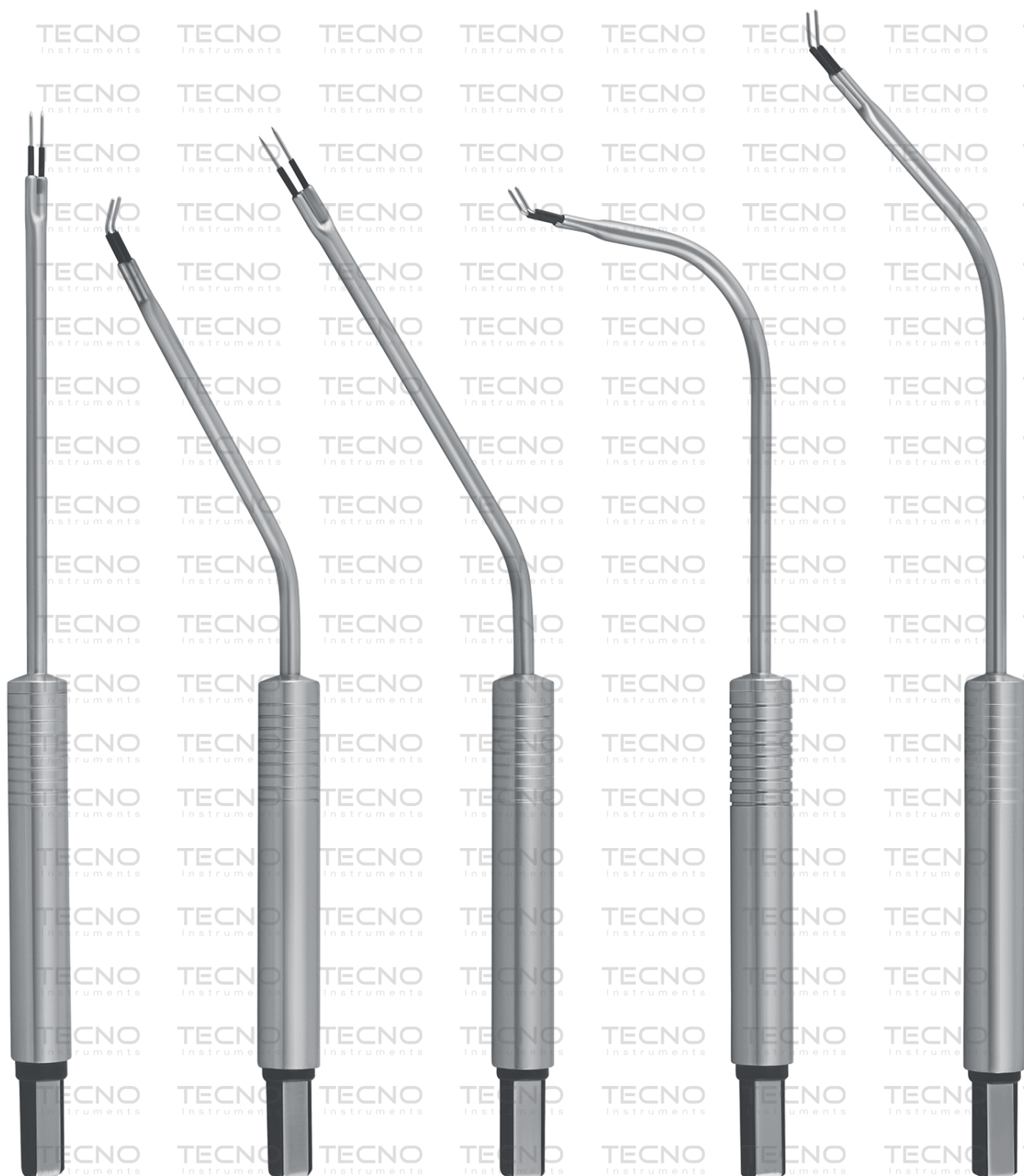
English Monopolar
(Male 4.8 mm connector)

European Monopolar
(Female 4.0 mm connector)

European Monopolar
(Male 4.0 mm connector)

Monopolar
(Without connector)

Cat #	Cat #	Cat #	Cat #	Description	Tip (mm)	Size
320-100	330-100	340-100	350-100	Adson	1.0	4 1/2" (12.0 cm)
320-110	330-110	340-110	350-110	McIndoe	1.0, 2.0	6" (15.0 cm)
320-120	330-120	340-120	350-120	Gillies (1x2)	-	6" (15.0 cm)
320-122	330-122	340-122	350-122	Gillies (1x2)	-	7" (17.8 cm)
320-124	330-124	340-124	350-124	Gillies (1x2)	-	8" (20.0 cm)
320-126	330-126	340-126	350-126	Gillies (1x2)	-	9" (23.0 cm)
320-130	330-130	340-130	350-130	Dissecting Forceps	1.0, 2.0	6" (15.0 cm)
320-132	330-132	340-132	350-132	Dissecting Forceps	1.0, 2.0	7" (17.8 cm)
320-134	330-134	340-134	350-134	Dissecting Forceps	1.0, 2.0	8 1/4" (21.0 cm)
320-136	330-136	340-136	350-136	Dissecting Forceps	1.0, 2.0	9 1/2" (24.1 cm)
320-140	330-140	340-140	350-140	Gerald (1x2)	-	7" (17.8 cm)
320-150	330-150	340-150	350-150	Adson Bayonet	1.0, 2.0	6 1/2" (16.0 cm)
320-152	330-152	340-152	350-152	Adson Bayonet	1.0, 2.0	7 1/2" (19.1 cm)
320-160	330-160	340-160	350-160	Adson Bayonet (Ang. Up)	1.0, 2.0	6 1/2" (16.0 cm)
320-162	330-162	340-162	350-162	Adson Bayonet (Ang. Up)	1.0, 2.0	7 1/2" (19.1 cm)
320-164	330-164	340-164	350-164	Adson Bayonet (Ang. Up)	1.0, 2.0	8 1/4" (21.0 cm)
320-170	330-170	340-170	350-170	Remington Hob	1.0, 2.0	9 1/2" (24.1 cm)
320-304	330-304	340-304	350-304	DeBakey Tissue Forceps	1.5, 2.0	7 3/4" (19.5 cm)
320-307	330-307	340-307	350-307	DeBakey Tissue Forceps	1.5, 2.0	9 1/2" (24.1 cm)



Straight
310-500

Angled
(Upward Tip)
310-570

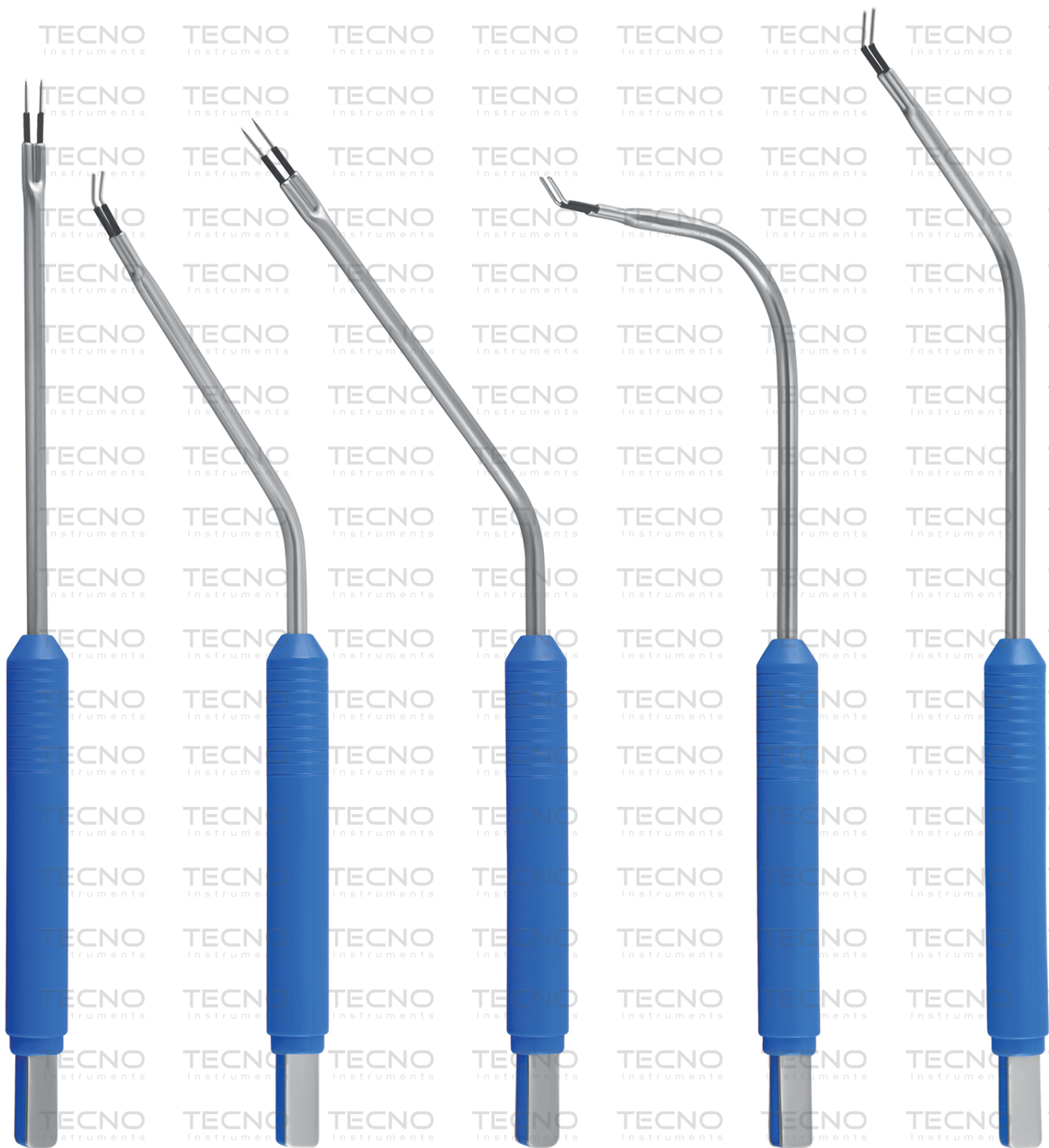
Angled
310-540

Angled 90°
310-600

Angled 45°
310-590

Cat #	Description	Size
310-500	Straight	18.0 cm
310-510	Straight	20.0 cm
310-520	Straight	22.0 cm
310-530	Straight	27.0 cm
310-540	Angled	18.0 cm
310-550	Angled	20.0 cm
310-560	Angled	22.0 cm
310-570	Angled (Upward Tip)	16.5 cm
310-580	Angled (Upward Tip)	20.0 cm
310-590	Angled 45°	19.0 cm
310-600	Angled 90°	16.0 cm

BIPOLAR ELECTRODES SINGLE-USE



Straight
510-500

Angled
(Upward Tip)
510-570

Angled
510-540

Angled 90°
510-600

Angled 45°
510-590

Cat #	Description	Size
510-500	Straight	18.0 cm
510-510	Straight	20.0 cm
510-520	Straight	22.0 cm
510-530	Straight	27.0 cm
510-540	Angled	18.0 cm
510-550	Angled	20.0 cm
510-560	Angled	22.0 cm
510-570	Angled (Upward Tip)	16.5 cm
510-580	Angled (Upward Tip)	20.0 cm
510-590	Angled 45°	19.0 cm
510-600	Angled 90°	16.0 cm

BIPOLAR ELECTRODES



Teflon Coated



Bipolar Eraser
110-712-18



Bipolar Eraser
(Single-Use)
210-710-18



Bi-Turbinate Probe
110-700



Bi-Turbinate Probe
(Single-Use)
210-700



Bi-Turbinate Probe
310-700



Bi-Turbinate Probe
(Single-Use)
410-700

Cat #	Description	Size
110-710-18	Bipolar Eraser (18 Ga) Flat Tip	11.5 cm
210-710-18	Bipolar Eraser (18 Ga) Flat Tip (Single-Use)	11.5 cm
110-712-18	Bipolar Eraser (18 Ga) Tapered Tip	11.5 cm
210-712-18	Bipolar Eraser (18 Ga) Tapered Tip (Single-Use)	11.5 cm

Cat #	Description	Size
110-700	Bi-Turbinate Probe	17.5 cm
110-700 FE	Bi-Turbinate Probe Teflon Coated	17.5 cm
210-700	Bi-Turbinate Probe (Single-Use)	17.5 cm
210-700 FE	Bi-Turbinate Probe Teflon Coated (Single-Use)	17.5 cm
310-700	Bi-Turbinate Probe	19.5 cm
310-700 FE	Bi-Turbinate Probe Teflon Coated	19.5 cm
410-700	Bi-Turbinate Probe (Single-Use)	19.5 cm
410-700 FE	Bi-Turbinate Probe Teflon Coated (Single-Use)	19.5 cm

BIPOLAR CABLES

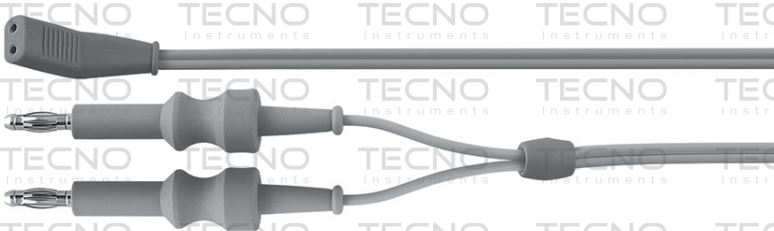


Silicone Bipolar Cable

Cat #	Size
190-100	10' (3.0 m)
190-105	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus
& most Bipolar Generator



Silicone Bipolar Cable

Cat #	Size
190-100 A	10' (3.0 m)
190-105 A	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus
& most Bipolar Generator

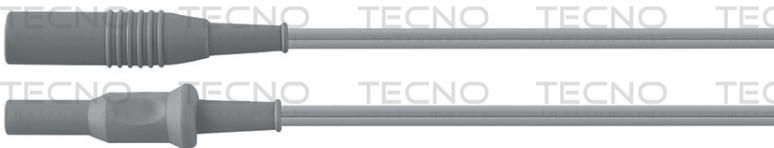


Silicone European Bipolar Cable

Cat #	Size
190-110	10' (3.0 m)
190-115	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus
& most Bipolar Generator



Silicone European Bipolar Cable

Cat #	Size
190-120	10' (3.0 m)
190-125	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchtold, Wolf



Silicone European Bipolar Cable

Cat #	Size
190-122	10' (3.0 m)
190-127	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchtold, Wolf

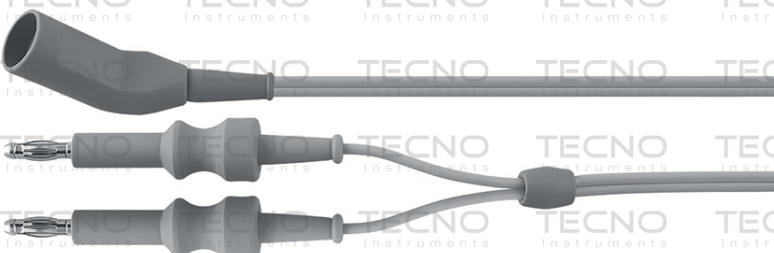


Silicone Bipolar Cable

Cat #	Size
190-130	10' (3.0 m)
190-135	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchtold, Wolf



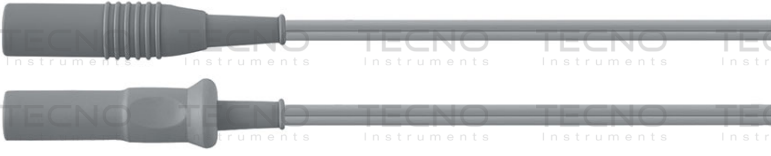
Silicone European Bipolar Cable

Cat #	Size
190-310	10' (3.0 m)
190-315	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: 4 mm Banana Plug

Compatibility: Aesculap, Valleylab, Conmed, Codman
& most Bipolar Generator

BIPOLAR CABLES



Silicone European Bipolar Cable

Cat #	Size
190-140	10' (3.0 m)
190-145	16' (5.0 m)

Instrument Connector: European Flat Plug

Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens



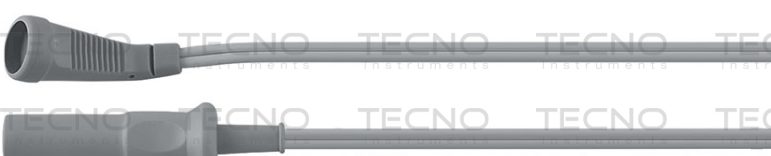
Silicone European Bipolar Cable

Cat #	Size
190-142	10' (3.0 m)
190-147	16' (5.0 m)

Instrument Connector: European Flat Plug

Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens



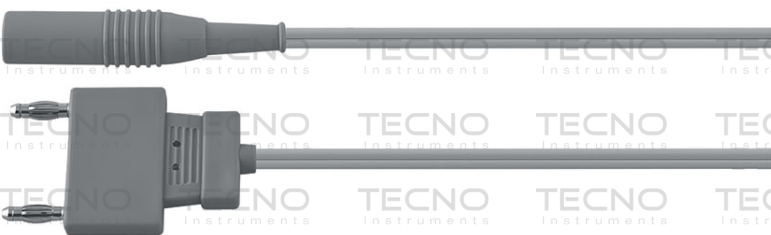
Silicone Bipolar Cable

Cat #	Size
190-150	10' (3.0 m)
190-155	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug

Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens



Silicone European Bipolar Cable

Cat #	Size
190-160	10' (3.0 m)
190-165	16' (5.0 m)

Instrument Connector: European Flat Plug

Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley



Silicone Bipolar Cable

Cat #	Size
190-170	10' (3.0 m)
190-175	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug

Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley



Silicone Bipolar Cable

Cat #	Size
190-180	10' (3.0 m)
190-181	16' (5.0 m)

Instrument Connector: 4 mm Banana Plug

Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator



Silicone Bipolar Cable

Cat #	Size
190-185	10' (3.0 m)
190-186	16' (5.0 m)

Instrument Connector: Ethicon / 2.5 mm

Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator

BIPOLAR CABLES

Silicone European Bipolar Cable

Cat #	Size
190-320	10' (3.0 m)
190-325	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchold, Wolf

Silicone European Bipolar Cable

Cat #	Size
190-330	10' (3.0 m)
190-335	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens

Silicone European Bipolar Cable

Cat #	Size
190-340	10' (3.0 m)
190-345	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley

Silicone Bipolar Cable

Cat #	Size
190-400	10' (3.0 m)
190-405	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Universal 18 - 28 mm

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator

Silicone European Bipolar Cable

Cat #	Size
190-410	10' (3.0 m)
190-415	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Universal 18 - 28 mm

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator

Silicone European Bipolar Cable

Cat #	Size
190-430	10' (3.0 m)
190-435	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Universal 18 - 28 mm

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator



Silicone Bipolar Cable

Cat #	Size
190-450	10' (3.0 m)
190-455	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



Silicone Bipolar Cable

Cat #	Size
190-450 A	10' (3.0 m)
190-455 A	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



Silicone European Bipolar Cable

Cat #	Size
190-460	10' (3.0 m)
190-465	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



Silicone Bipolar Cable

Cat #	Size
190-480	10' (3.0 m)
190-481	16' (5.0 m)

Instrument Connector: 4 mm Banana Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



Silicone Bipolar Cable

Cat #	Size
190-485	10' (3.0 m)
190-486	16' (5.0 m)

Instrument Connector: Ethicon / 2.5 mm
Generator Connector: Ellman Plug

Compatibility: Ellman

MONOPOLAR CABLES



Silicone Monopolar Cable

Cat #	Size
190-220	10' (3.0 m)
190-225	16' (5.0 m)

Instrument Connector: 4 mm Male Fitting
(European Diathermy)

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Silicone Monopolar Cable

Cat #	Size
190-230	10' (3.0 m)
190-235	16' (5.0 m)

Instrument Connector: Screw Type

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Silicone Monopolar Endoscopic Cable

Cat #	Size
190-240	10' (3.0 m)
190-245	16' (5.0 m)

Instrument Connector: 4 mm Female Fitting

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Silicone Monopolar Endoscopic Cable

Cat #	Size
190-250	10' (3.0 m)
190-255	16' (5.0 m)

Instrument Connector: 4 mm Female Fitting

Generator Connector: Standard 4 mm Banana Plug

Compatibility: Most ES Generators



Silicone Diathermy Cable

Cat #	Size
190-260	10' (3.0 m)
190-265	16' (5.0 m)

Instrument Connector: 4 mm Male Fitting
(European Diathermy)

Generator Connector: Standard 4 mm Banana Plug

Compatibility: Most ES Generators



MONOPOLAR CABLES



Silicone Diathermy Cable

Cat #	Size
190-270	10' (3.0 m)
190-275	16' (5.0 m)

Instrument Connector: 4.8 mm Female Fitting
(English Diathermy)
Generator Connector: Standard Bovie® 8 mm Plug
Compatibility: Valleylab, Conmed, Bovie®



Silicone Diathermy Cable

Cat #	Size
190-280	10' (3.0 m)
190-285	16' (5.0 m)

Instrument Connector: 4.8 mm Female Fitting
(English Diathermy)
Generator Connector: Standard 4 mm Banana Plug
Compatibility: Most ES Generators



Silicone Urology (Double Stem) Cable

Cat #	Size
190-290	10' (3.0 m)
190-291	16' (5.0 m)

Instruments Connector: Resectoscope
Generator Connector: Standard 4 mm Banana Plug
Compatibility: Most ES Generators



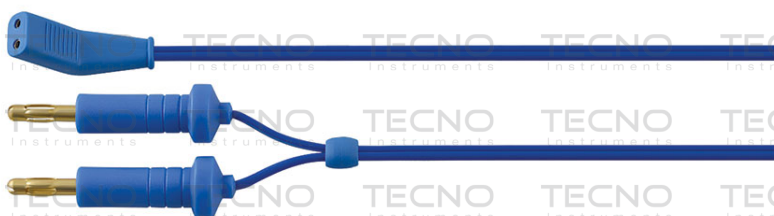
Silicone Urology (Single Stem) Cable

Cat #	Size
190-295	10' (3.0 m)
190-296	16' (5.0 m)

Instruments Connector: Resectoscope
Generator Connector: Standard 4 mm Banana Plug
Compatibility: Most ES Generators



BIPOLAR CABLES SINGLE-USE



Bipolar Cable

Cat #	Size
190-100 D	10' (3.0 m)
190-105 D	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator



European Bipolar Cable

Cat #	Size
190-110 D	10' (3.0 m)
190-115 D	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: 4 mm Banana Plug

Compatibility: Valleylab, Conmed, Codman, Olympus & most Bipolar Generator



European Bipolar Cable

Cat #	Size
190-120 D	10' (3.0 m)
190-125 D	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchtold, Wolf

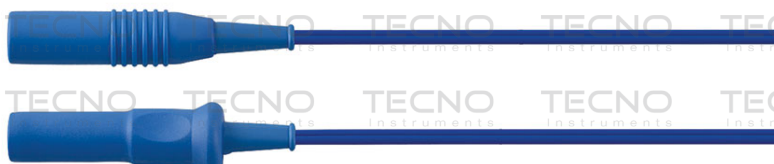


Bipolar Cable

Cat #	Size
190-130 D	10' (3.0 m)
190-135 D	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Martin Type

Compatibility: Aesculap, Martin, Berchtold, Wolf



European Bipolar Cable

Cat #	Size
190-140 D	10' (3.0 m)
190-145 D	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens



Bipolar Cable

Cat #	Size
190-150 D	10' (3.0 m)
190-155 D	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens

BIPOLAR CABLES SINGLE-USE



European Bipolar Cable

Cat #	Size
190-160 D	10' (3.0 m)
190-165 D	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley



Bipolar Cable

Cat #	Size
190-170 D	10' (3.0 m)
190-175 D	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley

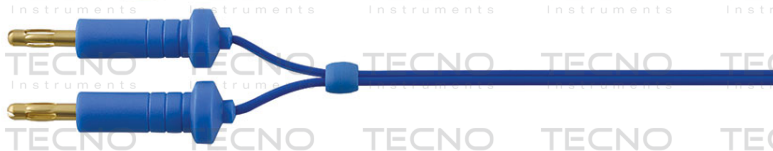


European Bipolar Cable

Cat #	Size
190-310 D	10' (3.0 m)
190-315 D	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: 4 mm Banana Plug

Compatibility: Aesculap, Valleylab, Conmed, Codman & most Bipolar Generator



European Bipolar Cable

Cat #	Size
190-330 D	10' (3.0 m)
190-335 D	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Erbe Type

Compatibility: Erbe, Downs, Siemens



European Bipolar Cable

Cat #	Size
190-340 D	10' (3.0 m)
190-345 D	16' (5.0 m)

Instrument Connector: Aesculap
Generator Connector: Pin Distance 29 mm

Compatibility: Valleylab, EMC, Dolley



Bipolar Cable

Cat #	Size
190-450 D	10' (3.0 m)
190-455 D	16' (5.0 m)

Instrument Connector: USA 2-Pin Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



European Bipolar Cable

Cat #	Size
190-460 D	10' (3.0 m)
190-465 D	16' (5.0 m)

Instrument Connector: European Flat Plug
Generator Connector: Ellman Plug

Compatibility: Ellman



MONOPOLAR CABLES SINGLE-USE



Monopolar Cable

Cat #	Size
190-220 D	10' (3.0 m)
190-225 D	16' (5.0 m)

Instrument Connector: 4 mm Male Fitting
(European Diathermy)

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Monopolar Cable

Cat #	Size
190-230 D	10' (3.0 m)
190-235 D	16' (5.0 m)

Instrument Connector: Screw Type

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Monopolar Cable

Cat #	Size
190-240 D	10' (3.0 m)
190-245 D	16' (5.0 m)

Instrument Connector: 4 mm Female Fitting

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Monopolar Cable

Cat #	Size
190-250 D	10' (3.0 m)
190-255 D	16' (5.0 m)

Instrument Connector: 4 mm Female Fitting

Generator Connector: Standard 4 mm Banana Plug

Compatibility: Most ES Generators



Monopolar Cable

Cat #	Size
190-260 D	10' (3.0 m)
190-265 D	16' (5.0 m)

Instrument Connector: 4 mm Male Fitting
(European Diathermy)

Generator Connector: Standard 4 mm Banana Plug

Compatibility: Most ES Generators



Monopolar Cable

Cat #	Size
190-270 D	10' (3.0 m)
190-275 D	16' (5.0 m)

Instrument Connector: 4.8 mm Female Fitting
(English Diathermy)

Generator Connector: Standard Bovie® 8 mm Plug

Compatibility: Valleylab, Conmed, Bovie®



Monopolar Cable

Cat #	Size
190-280 D	10' (3.0 m)
190-285 D	16' (5.0 m)

Instrument Connector: 4.8 mm Female Fitting
(English Diathermy)

Generator Connector: Standard 4 mm Banana Plug

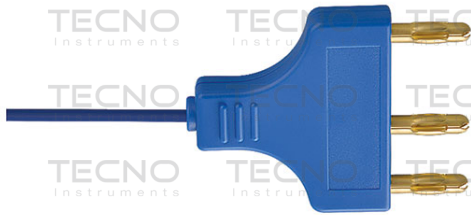
Compatibility: Most ES Generators



ELECTROSURGICAL PENCILS



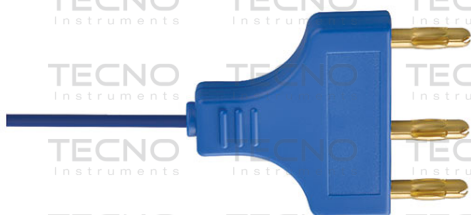
Finger Switch Pencil (Single-Use)



Description	Regular	With Tip Cleaner	With Holster	With Holster & With Tip Cleaner
Finger Switch Pencil (3m) Cable	150-100	150-100 T	150-100 H	150-100 HT
Finger Switch Pencil (5m) Cable	150-101	150-101 T	150-101 H	150-101 HT



Finger Switch Pencil - Non-Stick (Single-Use)



Description	Regular	With Tip Cleaner	With Holster	With Holster & With Tip Cleaner
Finger Switch Pencil (3m) Cable	150-100 NS	150-100 NS T	150-100 NS H	150-100 NS HT
Finger Switch Pencil (5m) Cable	150-101 NS	150-101 NS T	150-101 NS H	150-101 NS HT



Packed Finger Switch Pencil



Tip Cleaner
150-109



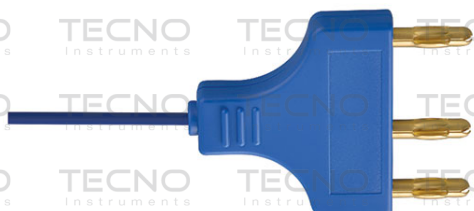
Holster
150-108

Products are available in Sterile/Non-Sterile packaging.
Sterilization by Ethylene Oxide (EO).

ELECTROSURGICAL PENCILS



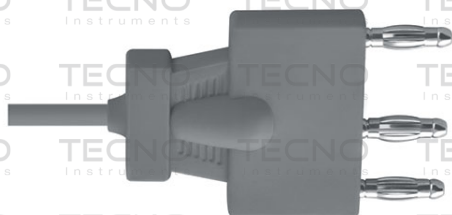
Rocker-Switch Pencil (Single-Use)
150-104 (3m Cable)



Foot Control Pencil (Single-Use)
150-102 (3m Cable)
150-103 (5m Cable)



Finger Switch Pencil - Reusable
152-105 (3m Silicone Cable)



Electrode Handle - Reusable
(3m Silicone Cable)



Cat #	Size
152-107	2.4 mm
152-109	1.6 mm

Products are available in Sterile/Non-Sterile packaging.
Sterilization by Ethylene Oxide (EO).

ELECTRODES (2.4 mm)



Blade Electrode
150-110-07 (Single-Use)
152-110-07 (Reusable)



Blade Electrode
150-110-10 (Single-Use)
152-110-10 (Reusable)



Blade Electrode (Curved)
150-112-07 (Single-Use)
152-112-07 (Reusable)



Blade Electrode (Curved)
150-112-10 (Single-Use)
152-112-10 (Reusable)



Knife Electrode
150-118-07 (Single-Use)
152-118-07 (Reusable)



Knife Electrode (Curved)
150-119-07 (Single-Use)
152-119-07 (Reusable)



Needle Electrode
150-120-07 (Single-Use)
152-120-07 (Reusable)



Needle Electrode (Curved)
150-122-07 (Single-Use)
152-122-07 (Reusable)



Ball Electrode (2 mm)
150-130-07 (Single-Use)
152-130-07 (Reusable)



Ball Electrode (Curved) (2 mm)
150-132-07 (Single-Use)
152-132-07 (Reusable)



Ball Electrode (3 mm)
150-140-07 (Single-Use)
152-140-07 (Reusable)



Ball Electrode (Curved) (3 mm)
150-142-07 (Single-Use)
152-142-07 (Reusable)



Ball Electrode (4 mm)
150-150-07 (Single-Use)
152-150-07 (Reusable)



Ball Electrode (Curved) (4 mm)
150-152-07 (Single-Use)
152-152-07 (Reusable)



Ball Electrode (5 mm)
150-160-07 (Single-Use)
152-160-07 (Reusable)



Ball Electrode (Curved) (5 mm)
150-162-07 (Single-Use)
152-162-07 (Reusable)



Blade Electrode (Shaft 13 cm)
150-115-13 (Single-Use)
152-115-13 (Reusable)



Needle Electrode (Shaft 13 cm)
150-125-13 (Single-Use)
152-125-13 (Reusable)



Ball Electrode 3 mm (Shaft 13 cm)
150-145-13 (Single-Use)
152-145-13 (Reusable)



Ball Electrode 5 mm (Shaft 13 cm)
150-165-13 (Single-Use)
152-165-13 (Reusable)



Circle Loop Electrode (4 mm)
152-510 (Reusable)



Circle Loop Electrode (6 mm)
152-520 (Reusable)



Circle Loop Electrode (8 mm)
152-530 (Reusable)



Diamond Electrode
152-540 (Reusable)



Fine Needle Electrode
152-550 (Reusable)

ELECTRODES (2.4 mm) NON-STICK



Blade Electrode (6 cm)
150-110-06 NS (Single-Use)



Blade Electrode (6 cm)
151-110-06 NS (Single-Use)



Blade Electrode (7 cm)
150-110-07 NS (Single-Use)



Blade Electrode (7 cm)
151-110-07 NS (Single-Use)



Blade Electrode (10 cm)
150-110-10 NS (Single-Use)



Blade Electrode (10 cm)
151-110-10 NS (Single-Use)



Blade Electrode (16 cm)
150-110-16 NS (Single-Use)



Blade Electrode (16 cm)
151-110-16 NS (Single-Use)



Needle Electrode (7 cm)
150-120-07 NS (Single-Use)



Needle Electrode (7 cm)
151-120-07 NS (Single-Use)



Needle Electrode (10 cm)
150-120-10 NS (Single-Use)



Needle Electrode (10 cm)
151-120-10 NS (Single-Use)



Needle Electrode (15 cm)
150-120-15 NS (Single-Use)



Needle Electrode (15 cm)
151-120-15 NS (Single-Use)



Ball Electrode (5 cm)
151-160-05 NS (Single-Use)



Ball Electrode (13 cm)
151-160-13 NS (Single-Use)

TUNGSTEN NEEDLE ELECTRODES (2.4 mm)

Tungsten Needles are widely used in a variety of surgical procedures like;

- Plastic Surgery
- ENT Surgery
- Head & Neck Surgery
- Oral & Maxillo Surgery

Tungsten has extremely high melting point ($>3400^{\circ}\text{C}$) which helps maintain a sharpness compared to stainless steel tips that dull rapidly. All our tungsten needles are compatible with Colorado needles.



Micro Needle Electrode (5 cm)
170-120-05 (Single-Use)
172-120-05 (Reusable)



Micro Needle Electrode Angled (5 cm)
170-122-05 (Single-Use)
172-122-05 (Reusable)



Micro Needle Electrode (6 cm)
170-120-06 (Single-Use)
172-120-06 (Reusable)



Micro Needle Electrode Angled (6 cm)
170-122-06 (Single-Use)
172-122-06 (Reusable)



Micro Needle Electrode (7 cm)
170-120-07 (Single-Use)
172-120-07 (Reusable)



Micro Needle Electrode Angled (7 cm)
170-122-07 (Single-Use)
172-122-07 (Reusable)



Micro Needle Electrode (9 cm)
170-120-09 (Single-Use)
172-120-09 (Reusable)



Micro Needle Electrode Angled (9 cm)
170-122-09 (Single-Use)
172-122-09 (Reusable)



Micro Needle Electrode (12 cm)
170-120-12 (Single-Use)
172-120-12 (Reusable)



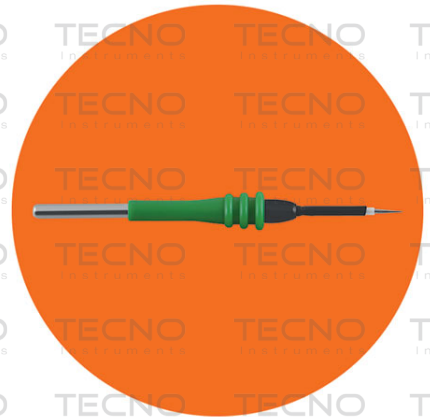
Micro Needle Electrode Angled (12 cm)
170-122-12 (Single-Use)
172-122-12 (Reusable)



Micro Needle Electrode (15 cm)
170-120-15 (Single-Use)
172-120-15 (Reusable)



Micro Needle Electrode Angled (15 cm)
170-122-15 (Single-Use)
172-122-15 (Reusable)



Micro Needle Electrode
(Reusable)

LOOP ELECTRODES (2.4 mm)

All loop electrodes are available in 8.5 cm shaft length also, use:

158-Series (Single-Use)
159-Series (Reusable)

Size	1.0 x 0.4 cm	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm
Single-Use	150-170-04	150-170-05	150-170-07	150-170-08	150-170-10
Reusable	152-170-04	152-170-05	152-170-07	152-170-08	152-170-10

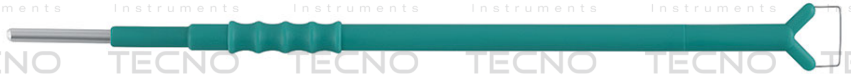
Size	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm	1.0 x 1.5 cm
Single-Use	150-175-05	150-175-07	150-175-08	150-175-10	150-175-15
Reusable	152-175-05	152-175-07	152-175-08	152-175-10	152-175-15

Size	1.5 x 0.5 cm	1.5 x 0.7 cm	1.5 x 0.8 cm	1.5 x 1.0 cm	1.5 x 1.5 cm	1.5 x 2.0 cm
Single-Use	150-180-05	150-180-07	150-180-08	150-180-10	150-180-15	150-180-20
Reusable	152-180-05	152-180-07	152-180-08	152-180-10	152-180-15	152-180-20

Size	2.0 x 0.8 cm	2.0 x 1.0 cm	2.0 x 1.2 cm	2.0 x 1.3 cm	2.0 x 1.5 cm	2.0 x 2.0 cm
Single-Use	150-190-08	150-190-10	150-190-12	150-190-13	150-190-15	150-190-20
Reusable	152-190-08	152-190-10	152-190-12	152-190-13	152-190-15	152-190-20

Size	2.5 x 1.0 cm	2.5 x 1.2 cm	2.5 x 1.3 cm	2.5 x 1.5 cm	2.5 x 2.0 cm	2.5 x 2.2 cm	2.5 x 2.5 cm
Single-Use	150-192-10	150-192-12	150-192-13	150-192-15	150-192-20	150-192-22	150-192-25
Reusable	152-192-10	152-192-12	152-192-13	152-192-15	152-192-20	152-192-22	152-192-25

LOOP ELECTRODES (2.4 mm)



Size	1.0 x 0.4 cm	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm
Single-Use	155-170-04	155-170-05	155-170-07	155-170-08	155-170-10
Reusable	157-170-04	157-170-05	157-170-07	157-170-08	157-170-10



Size	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm
Single-Use	155-175-05	155-175-07	155-175-08	155-175-10
Reusable	157-175-05	157-175-07	157-175-08	157-175-10



Size	1.5 x 0.5 cm	1.5 x 0.7 cm	1.5 x 0.8 cm	1.5 x 1.0 cm	1.5 x 1.2 cm	1.5 x 1.5 cm
Single-Use	155-180-05	155-180-07	155-180-08	155-180-10	155-180-12	155-180-15
Reusable	157-180-05	157-180-07	157-180-08	157-180-10	157-180-12	157-180-15



Size	2.0 x 0.8 cm	2.0 x 1.0 cm	2.0 x 1.2 cm	2.0 x 1.3 cm	2.0 x 1.5 cm	2.0 x 2.0 cm
Single-Use	155-190-08	155-190-10	155-190-12	155-190-13	155-190-15	155-190-20
Reusable	157-190-08	157-190-10	157-190-12	157-190-13	157-190-15	157-190-20

CONIZATION ELECTRODES (2.4 mm)



Conization Electrode
(Small)
150-195-08



Conization Electrode
(Medium)
150-195-11



Conization Electrode
(Large)
150-195-13



Conization Electrode
(Medium Extended)
150-198-11



Conization Electrode
(Large Shallow)
150-198-14



Electrode Extender (7 cm)
152-410-07 (Reusable)



Electrode Extender (13 cm)
152-410-13 (Reusable)



Electrode Extender (18 cm)
152-410-18 (Reusable)

Cat #	Description	Cone Size
150-195-08	Conization Electrode	8 x 15 mm
150-195-11	Conization Electrode	11 x 15 mm
150-195-13	Conization Electrode	13 x 15 mm
150-198-11	Conization Electrode	11 x 21 mm
150-198-14	Conization Electrode	14 x 8 mm

Cat #	Description	Size
152-410-07	Electrode Extender	7.0 cm
152-410-13	Electrode Extender	13.0 cm
152-410-15	Electrode Extender	15.0 cm
152-410-18	Electrode Extender	18.0 cm

ELECTRODES (4.0 mm)



Blade Electrode
162-110-07 (Reusable)



Blade Electrode (Shaft 13 cm)
162-115-13 (Reusable)



Blade Electrode (Curved)
162-112-07 (Reusable)



Needle Electrode (Shaft 13 cm)
162-125-13 (Reusable)



Needle Electrode
162-120-07 (Reusable)



Ball Electrode 3 mm (Shaft 13 cm)
162-145-13 (Reusable)



Needle Electrode (Curved)
162-122-07 (Reusable)



Ball Electrode 4 mm (Shaft 13 cm)
162-155-13 (Reusable)



Ball Electrode (2 mm)
162-130-07 (Reusable)



Ball Electrode 5 mm (Shaft 13 cm)
162-165-13 (Reusable)



Ball Electrode (2 mm) Curved
162-132-07 (Reusable)



Circle Loop Electrode 7 cm (4 mm)
162-510-04 (Reusable)



Ball Electrode (3 mm)
162-140-07 (Reusable)



Circle Loop Electrode 7 cm (6 mm)
162-510-06 (Reusable)



Ball Electrode (3 mm) Curved
162-142-07 (Reusable)



Circle Loop Electrode 7 cm (8 mm)
162-510-08 (Reusable)



Ball Electrode (4 mm)
162-150-07 (Reusable)



Circle Loop Electrode 7 cm (10 mm)
162-510-10 (Reusable)



Ball Electrode (4 mm) Curved
162-152-07 (Reusable)



Plate Electrode (Small)
162-560 (Reusable)



Ball Electrode (5 mm)
162-160-07 (Reusable)



Plate Electrode (Large)
162-570 (Reusable)



Ball Electrode (5 mm) Curved
162-162-07 (Reusable)

LOOP ELECTRODES (4.0 mm)



Size	1.0 x 0.4 cm	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm
Reusable	162-170-04	162-170-05	162-170-07	162-170-08	162-170-10



Size	1.0 x 0.5 cm	1.0 x 0.7 cm	1.0 x 0.8 cm	1.0 x 1.0 cm	1.0 x 1.5 cm
Reusable	162-175-05	162-175-07	162-175-08	162-175-10	162-175-15



Size	1.5 x 0.5 cm	1.5 x 0.7 cm	1.5 x 0.8 cm	1.5 x 1.0 cm	1.5 x 1.2 cm	1.5 x 1.5 cm
Reusable	162-180-05	162-180-07	162-180-08	162-180-10	162-180-12	162-180-15



Size	2.0 x 0.8 cm	2.0 x 1.0 cm	2.0 x 1.2 cm	2.0 x 1.3 cm	2.0 x 1.5 cm	2.0 x 2.0 cm
Reusable	162-190-08	162-190-10	162-190-12	162-190-13	162-190-15	162-190-20

ELECTRODES (1.6 mm) SINGLE-USE



Blade Electrode
180-110-07



Blade Electrode (Crv.)
180-112-07



Ball Electrode (2 mm)
180-130-05



Ball Electrode (Crv.) (2 mm)
180-132-05



Ball Electrode (3 mm)
180-140-05



Needle Electrode

Cat #	Description	Size
180-120-05	Needle Electrode	5.0 cm
180-120-06	Needle Electrode	6.0 cm
180-120-07	Needle Electrode	7.0 cm
180-120-11	Needle Electrode	11.0 cm



Needle Electrode (Crv.)

Cat #	Description	Size
180-122-05	Needle Electrode (Crv.)	5.0 cm
180-122-06	Needle Electrode (Crv.)	6.0 cm
180-122-07	Needle Electrode (Crv.)	7.0 cm
180-122-11	Needle Electrode (Crv.)	11.0 cm



Tungsten Needle Electrode

Cat #	Description	Size
180-128-05	Tungsten Needle Electrode	5.0 cm
180-128-06	Tungsten Needle Electrode	6.0 cm
180-128-07	Tungsten Needle Electrode	7.0 cm
180-128-09	Tungsten Needle Electrode	9.0 cm



Tungsten Needle Electrode (Crv.)

Cat #	Description	Size
180-129-05	Tungsten Needle Electrode (Crv.)	5.0 cm
180-129-06	Tungsten Needle Electrode (Crv.)	6.0 cm
180-129-07	Tungsten Needle Electrode (Crv.)	7.0 cm
180-129-09	Tungsten Needle Electrode (Crv.)	9.0 cm



Ball Electrode (Crv.) (3 mm)
180-142-05



Ball Electrode (4 mm)
180-150-05



Ball Electrode (Crv.) (4 mm)
180-152-05



Ball Electrode (5 mm)
180-160-05



Ball Electrode (Crv.) (5 mm)
180-162-05



Circle Loop Electrode

Cat #	Description	Size
180-170-04	Circle Loop Electrode	4.0 mm
180-170-06	Circle Loop Electrode	6.0 mm
180-170-08	Circle Loop Electrode	8.0 mm
180-170-10	Circle Loop Electrode	10.0 mm



Diamond Loop Electrode

Cat #	Description	Size
180-172-04	Diamond Loop Electrode	4.0 mm
180-172-06	Diamond Loop Electrode	6.0 mm
180-172-08	Diamond Loop Electrode	8.0 mm



Triangle Loop Electrode

Cat #	Description	Size
180-175-04	Triangle Loop Electrode	4.0 mm
180-175-06	Triangle Loop Electrode	6.0 mm
180-175-08	Triangle Loop Electrode	8.0 mm

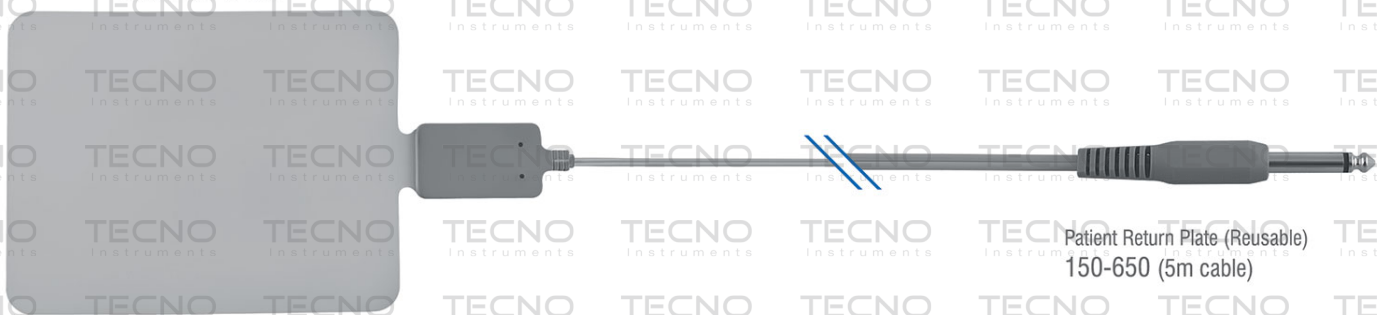


Oval Loop Electrode

Cat #	Description	Size
180-177-04	Oval Loop Electrode	4.0 mm
180-177-06	Oval Loop Electrode	6.0 mm
180-177-08	Oval Loop Electrode	8.0 mm

PATIENT RETURN PLATES

Size: 21 x 17 cm



Patient Return Plate (Reusable)
150-650 (5m cable)

Size: 21 x 10 cm



Bipolar Patient Plate (Single-Use)
150-620 A (Adult Size)
150-620 C (Child Size)

Size: 21 x 10 cm



Monopolar Patient Plate (Single-Use)
150-630 A (Adult Size)
150-630 C (Child Size)

Size: 16 x 12 cm



S.S. Patient Return Plate
150-655



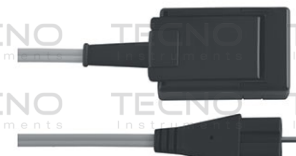
Patient Return Cable
150-610 (5m cable)
150-612 (3m cable)



Patient Return Cable
150-600 (5m cable)
150-602 (3m cable)



Patient Return Cable (Reusable)
152-610 (5m cable)
152-612 (3m cable)



Patient Return Cable (Reusable)
152-600 (5m cable)
152-602 (3m cable)

Size: 13 x 9 cm



Patient Return Plate
150-680 (3m cable)

PATIENT RETURN PLATES SILICONE

Size: 20 x 15 cm

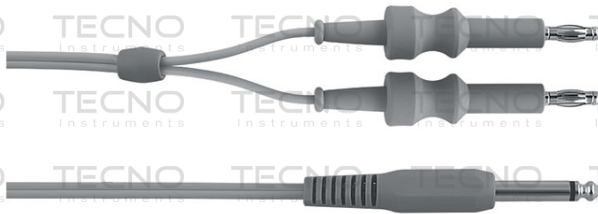


Monopolar
150-660

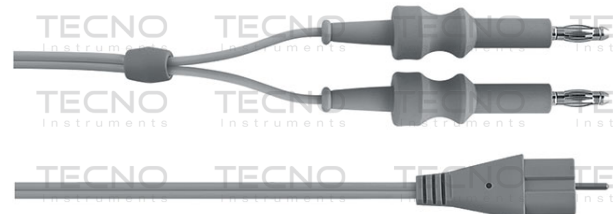
Size: 20 x 15 cm



Bipolar
150-670

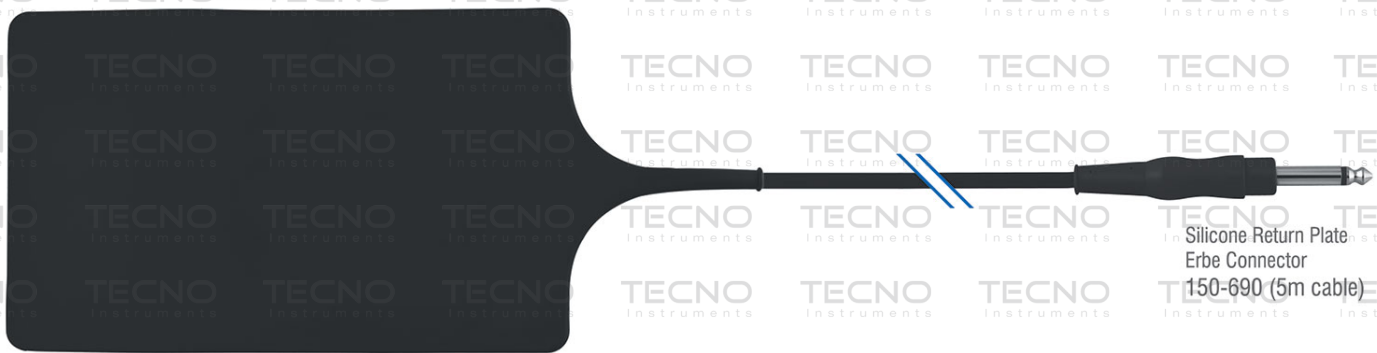


Erbe
190-315



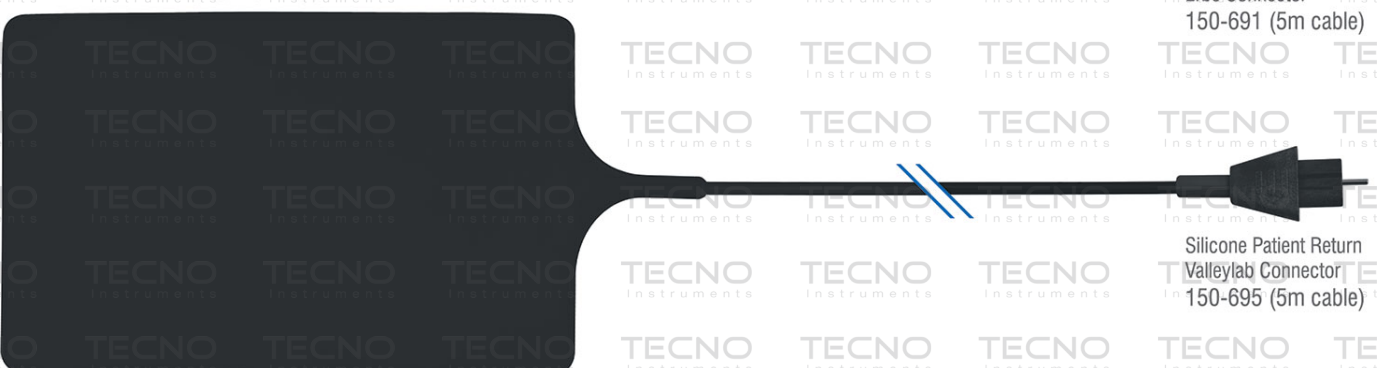
Valleylab
190-305

Size: 25 x 15 cm



Silicone Return Plate
Erbe Connector
150-690 (5m cable)

Size: 25 x 15 cm



Erbe Connector
150-691 (5m cable)

Silicone Patient Return
Valleylab Connector
150-695 (5m cable)

LAPAROSCOPIC ELECTRODES

Without Suction



L-Hook Electrode (36 cm)
152-200-36 (Reusable)



J-Hook Electrode (36 cm)
152-210-36 (Reusable)



Needle Electrode (36 cm)
152-220-36 (Reusable)



Spatula Electrode (36 cm)
152-230-36 (Reusable)



Ball Electrode (36 cm)
152-240-36 (Reusable)



L-Hook Electrode (36 cm)
150-200-36 (Single-Use)



J-Hook Electrode (36 cm)
150-210-36 (Single-Use)



Needle Electrode (36 cm)
150-220-36 (Single-Use)



Spatula Electrode (36 cm)
150-230-36 (Single-Use)



Ball Electrode (36 cm)
150-240-36 (Single-Use)

With Suction



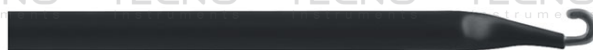
L-Hook Electrode (36 cm)
152-205-36 (Reusable)

J-Hook Electrode (36 cm)
152-215-36 (Reusable)

Needle Electrode (36 cm)
152-225-36 (Reusable)

Spatula Electrode (36 cm)
152-235-36 (Reusable)

Ball Electrode (36 cm)
152-245-36 (Reusable)



ARTHROSCOPIC ELECTRODES



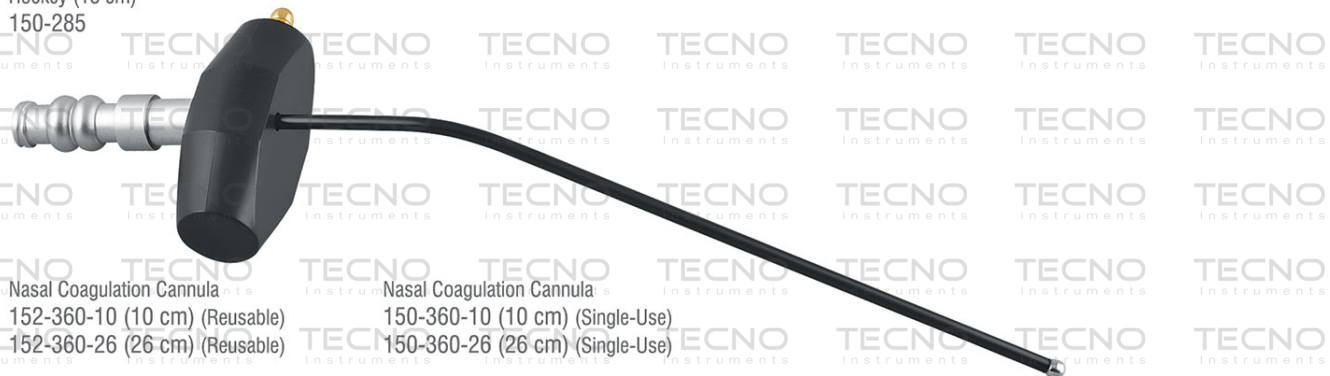
Dagger (18 cm)
150-265



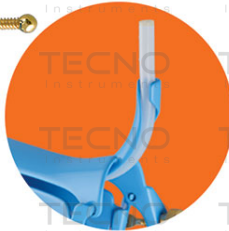
Hook (18 cm)
150-275

Hockey (12 cm)
150-280

Hockey (18 cm)
150-285



ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



Disposable Tube

Graves Vaginal Speculum
With Fixed or Disposable Smoke Tube

Fixed Tube Cat #	Disposable Tube Cat #	Size	Length	Width
130-104	130-104 DT	X-Large	150 mm	40 mm
130-100	130-100 DT	Large	115 mm	35 mm
130-102	130-102 DT	Medium	95 mm	35 mm
130-103	130-103 DT	Small	75 mm	20 mm



VU-More (Graves) Speculum
With Fixed or Disposable Smoke Tube

Fixed Tube Cat #	Disposable Tube Cat #	Size	Length	Width
130-117	130-117 DT	Large	115 mm	35 mm
130-118	130-118 DT	Medium	100 mm	35 mm
130-119	130-119 DT	Small	80 mm	30 mm



VU-Max Graves Speculum
With Fixed or Disposable Smoke Tube

Fixed Tube Cat #	Disposable Tube Cat #	Size	Length	Width
130-107	130-107 DT	X-Large	135 mm	37 mm
130-106	130-106 DT	Large	110 mm	35 mm
130-105	130-105 DT	Medium	100 mm	35 mm



Pederson Speculum
With Fixed or Disposable Smoke Tube

Fixed Tube Cat #	Disposable Tube Cat #	Size	Length	Width
130-204	130-204 DT	X-Large	165 mm	25 mm
130-200	130-200 DT	Large	115 mm	25 mm
130-202	130-202 DT	Medium	100 mm	22 mm
130-203	130-203 DT	Small	75 mm	14 mm



VU-Max Pederson Speculum
With Fixed or Disposable Smoke Tube

Fixed Tube Cat #	Disposable Tube Cat #	Size	Length	Width
130-114	130-114 DT	Large	115 mm	25 mm
130-115	130-115 DT	Medium	100 mm	22 mm



Chinese Pattern Speculum
With Smoke Tube

Cat #	Size	Length	Width
130-255	Medium	95 mm	28 mm
130-257	Small	70 mm	35 mm

ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



Cusco Speculum
With Smoke Tube

Cat #	Size	Length	Width
130-108	Large	95 mm	36 mm
130-109	Medium	85 mm	35 mm
130-110	Small	75 mm	32 mm



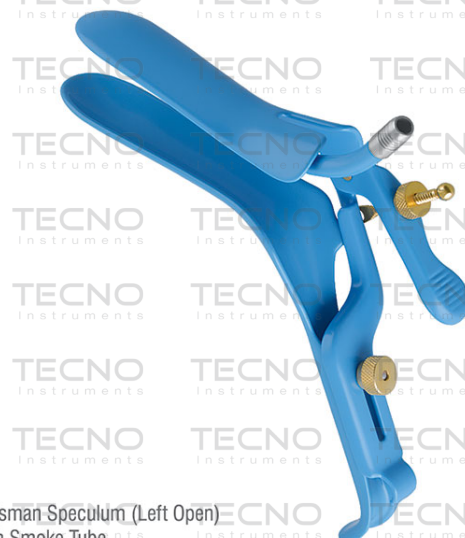
Collin Speculum
With Smoke Tube

Cat #	Size	Length	Width
130-111	Large	110 mm	40 mm
130-112	Medium	100 mm	35 mm
130-113	Small	95 mm	30 mm



Weisman Speculum (Right Open)
With Smoke Tube

Cat #	Size	Length	Width
130-221	Large	115 mm	35 mm
130-225	Medium	95 mm	35 mm



Weisman Speculum (Left Open)
With Smoke Tube

Cat #	Size	Length	Width
130-220	Large	115 mm	35 mm
130-224	Medium	95 mm	35 mm



Weisman Pederson Speculum 90° (Right Open)
With Smoke Tube

Cat #	Size	Length	Width
130-206-90	Large	115 mm	25 mm
130-207-90	Medium	100 mm	25 mm



Weisman Pederson Speculum 90° (Left Open)
With Smoke Tube

Cat #	Size	Length	Width
130-208-90	Large	115 mm	25 mm
130-209-90	Medium	100 mm	25 mm

ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



Weisman Speculum 90° (Right Open)
With Smoke Tube

Cat #	Size	Length	Width
130-227-90	X-Large	135 mm	40 mm
130-221-90	Large	115 mm	35 mm
130-225-90	Medium	95 mm	35 mm



Weisman Speculum 90° (Left Open)
With Smoke Tube

Cat #	Size	Length	Width
130-226-90	X-Large	135 mm	40 mm
130-220-90	Large	115 mm	35 mm
130-224-90	Medium	95 mm	35 mm



Cusco Rocket Speculum
With Smoke Tube

Cat #	Size	Length	Width
130-276	Virgin	86 mm	16 mm
130-278	Small	95 mm	27 mm
130-280	Small Long	107 mm	27 mm
130-282	Small Extra Long	125 mm	27 mm
130-284	Medium	95 mm	30 mm
130-286	Medium Long	110 mm	30 mm
130-288	Medium Extra Long	125 mm	30 mm
130-290	Large	110 mm	35 mm
130-292	Large Long	120 mm	35 mm
130-294	Extra Large Extra Long	130 mm	36 mm



Winterton Speculum
With Smoke Tube

Cat #	Size	Length	Width
130-296	Large	125 mm	28 mm

ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY

Dressing Forceps
130-180 (21 cm)
130-181 (25 cm)



Dressing Forceps (Fully Coated)
130-182 (21 cm)
130-183 (25 cm)



Tissue Forceps (Exposed Tip)
130-185 ET (21 cm)
130-186 ET (25 cm)



Tissue Forceps
130-185 (21 cm)
130-186 (25 cm)



Iris Hook
130-175 (23 cm)



Emmet Hook
130-170 (23 cm)



Straight Hook
130-176 (25 cm)



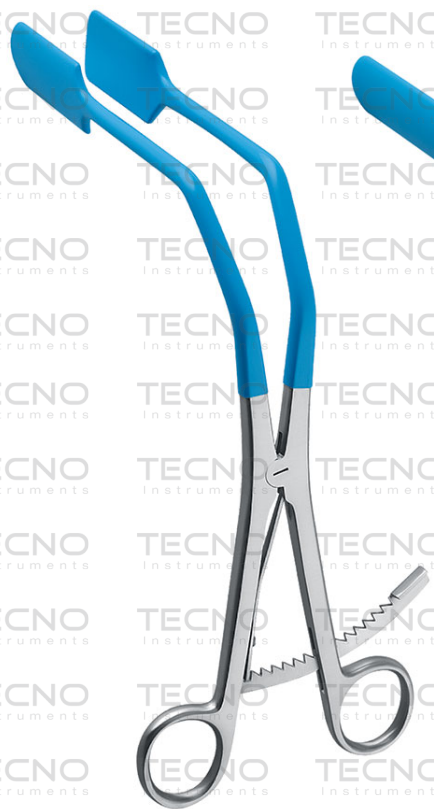
Two-Prong Hook
130-178 (25 cm)



Three-Prong Hook
130-179 (25 cm)



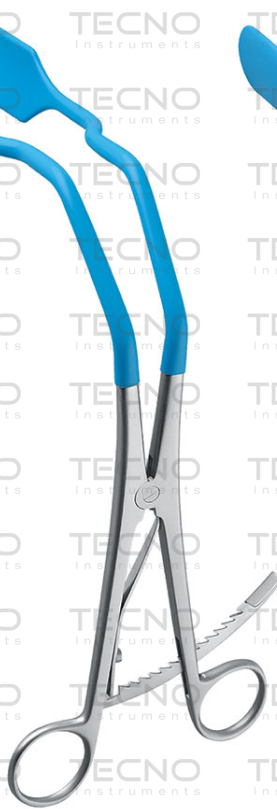
ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



Lateral Vaginal Retractor
130-120



Lateral Vaginal Retractor
Wide Open
130-122



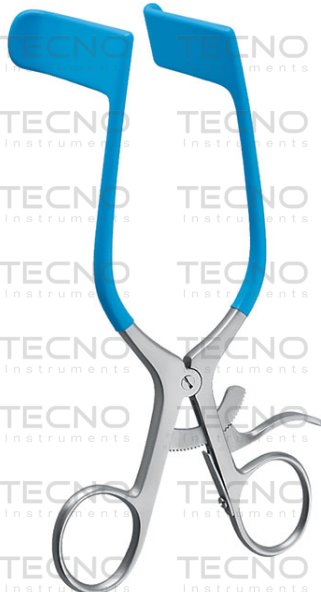
Lateral Vaginal Retractor
1/2" Open
130-124



Lateral Vaginal Retractor
1" Open
130-126



Gelpi Retractor
130-140



Rigby Retractor
130-150



Kogan Endocervical Retractor



3mm 130-133

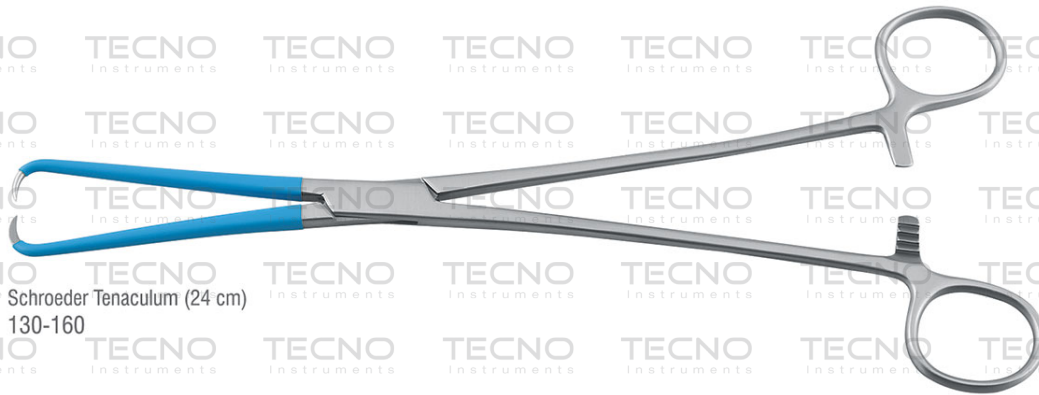


4mm 130-134



5mm 130-135

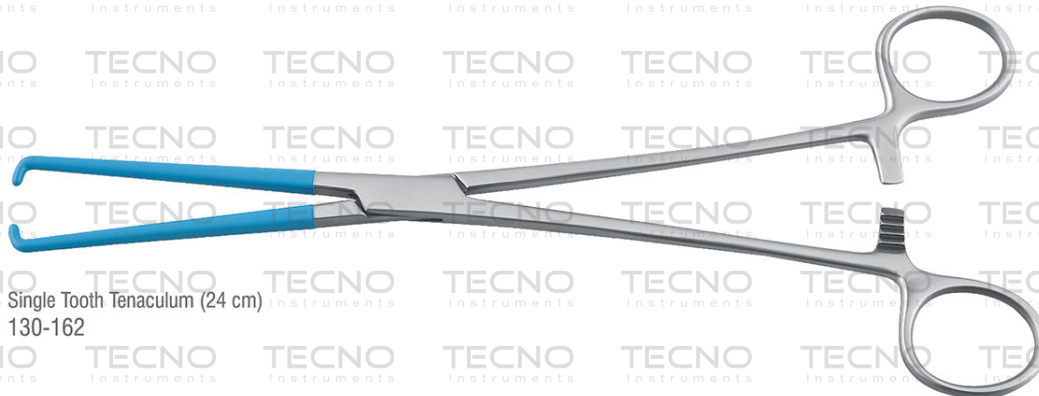
ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



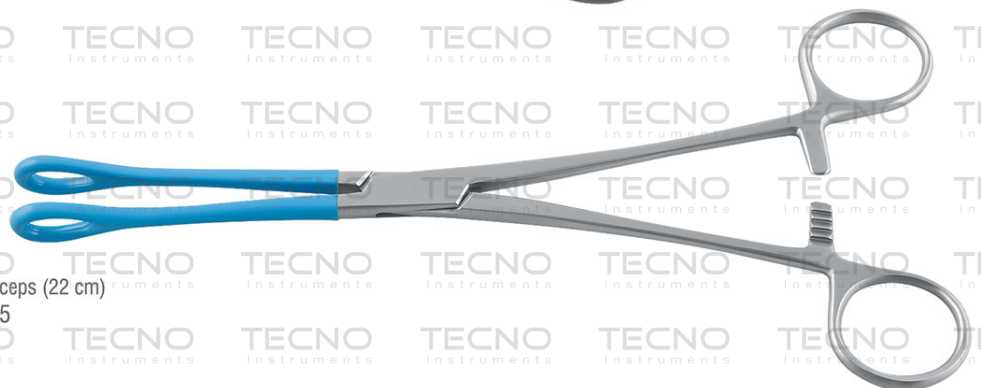
Schroeder Tenaculum (24 cm)
130-160



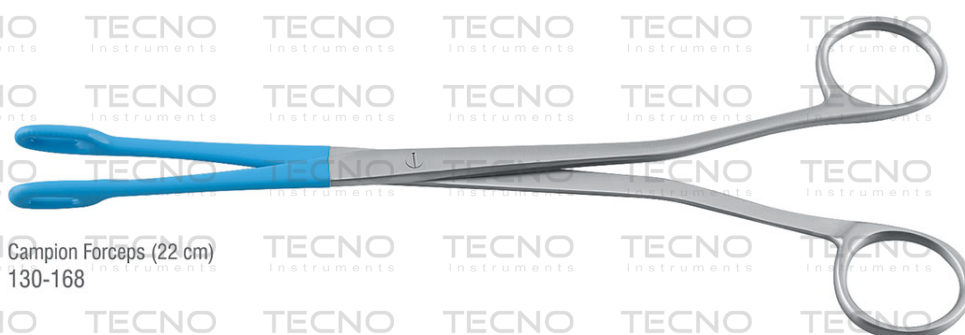
Schroeder Tenaculum (24 cm)
130-161



Single Tooth Tenaculum (24 cm)
130-162



Ring Forceps (22 cm)
130-165



Campion Forceps (22 cm)
130-168

ELECTROSURGICAL INSTRUMENTS FOR GYNECOLOGY



Sims Speculum (Large)
130-240



Sims Speculum (Medium)
130-242



Sims Speculum (Small)
130-244



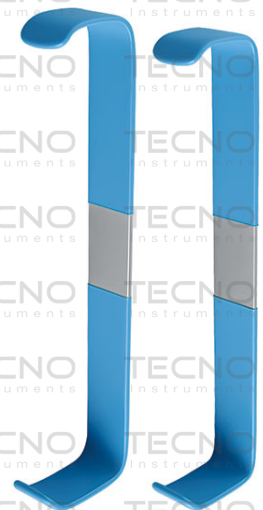
Auvarud Weighted Speculum
130-265



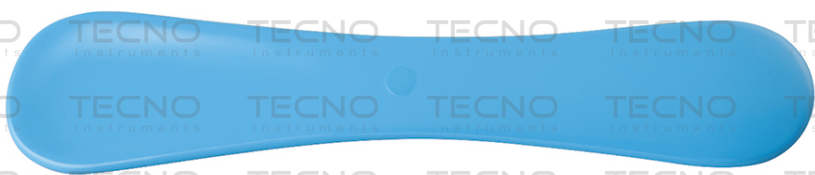
US Army Retractor (Set of 2) 8 1/2" (21.5 cm)
130-370



Farabeuf Retractor (Set of 2) 6" (15 cm)
130-380



RETRACTORS AND SKIN HOOKS



Jager Lid Plate 4 1/2" (11.0 cm)
130-300

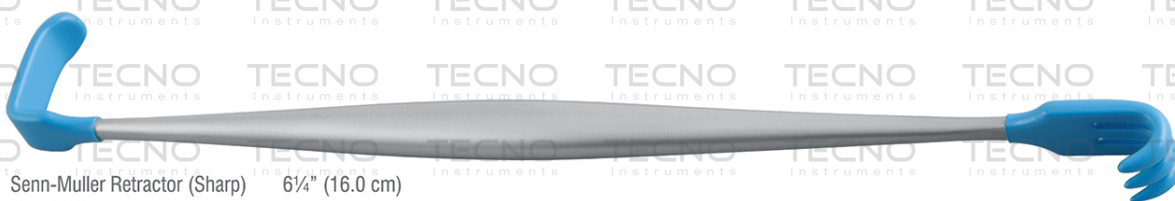


Desmarres Lid Retractor 5 1/2" (14.0 cm)

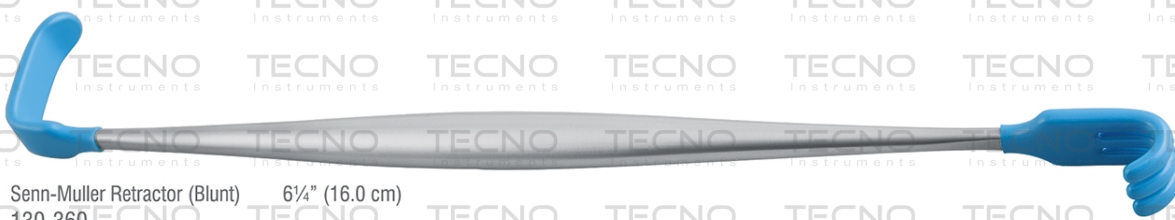
Cat #	Size
130-310-10	10 mm
130-310-12	12 mm
130-310-14	14 mm
130-310-16	16 mm



Fomon Retractor - Double Ball End 6 1/4" (16.0 cm)
130-325



Senn-Muller Retractor (Sharp) 6 1/4" (16.0 cm)
130-350



Senn-Muller Retractor (Blunt) 6 1/4" (16.0 cm)
130-360



Desmarres Lid Retractor 8/10 mm 5 1/2" (14.0 cm)
130-320

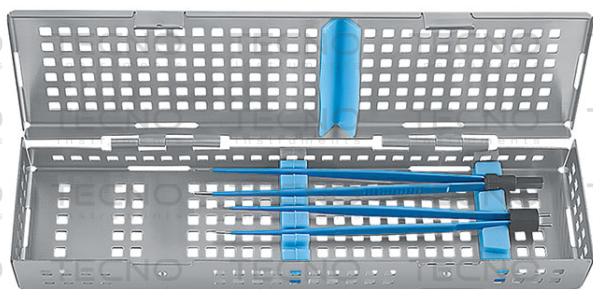


Double Eye Lid Retractor 5 1/2" (14.0 cm)
130-330

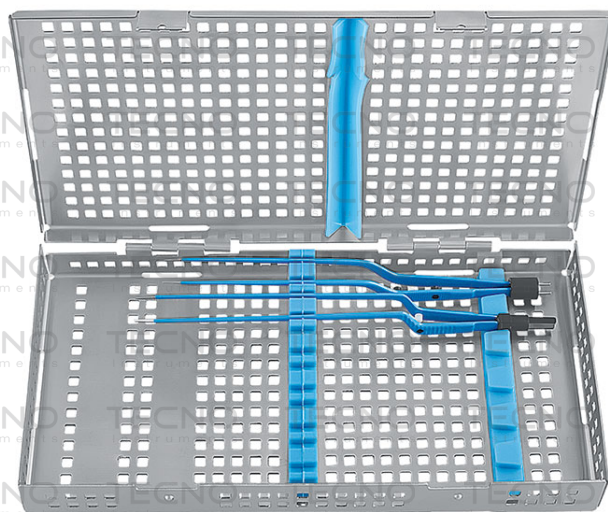


Ragnell-Davis Retractor 6" (15.0 cm)
130-340

STERILIZATION TRAYS

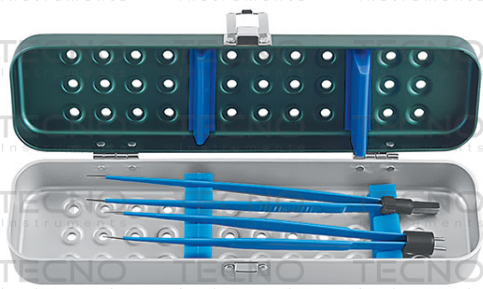


Sterilization Tray (Stainless Steel)
200-100

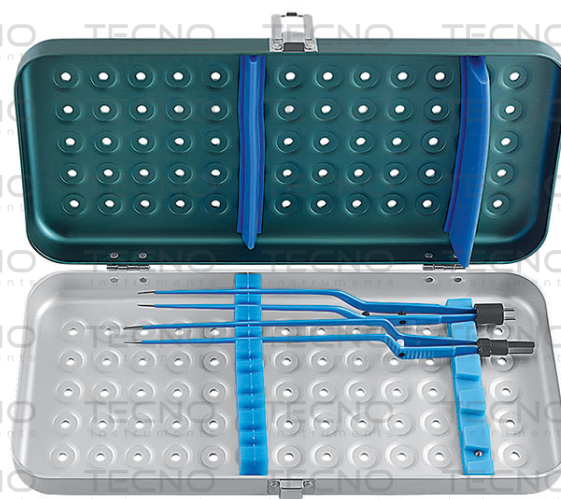


Sterilization Tray (Stainless Steel)
200-150

Cat #	Description	Length	Width	Height
200-100	Sterilization Tray (3 pcs.) Stainless Steel	30.5 cm	8 cm	4.5 cm
200-150	Sterilization Tray (6 pcs.) Stainless Steel	30.5 cm	15 cm	4.5 cm



Sterilization Tray (Aluminum)
200-200



Sterilization Tray (Aluminum)
200-250

Cat #	Description	Length	Width	Height
200-200	Sterilization Tray (2 pcs.) Aluminum	25 cm	6.5 cm	5 cm
200-250	Sterilization Tray (5 pcs.) Aluminum	30 cm	14 cm	5 cm

TECNO

INSTRUMENTS (PVT.) LTD.

316-C SMALL INDUSTRIAL ESTATE
SIALKOT - 51340
(PAKISTAN)

E-mail: info@tecno.com.pk

Web: www.tecno.com.pk

Tel: +92 52 355 2723, 355 2681

Fax: +92 52 355 2396, 458 8135

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