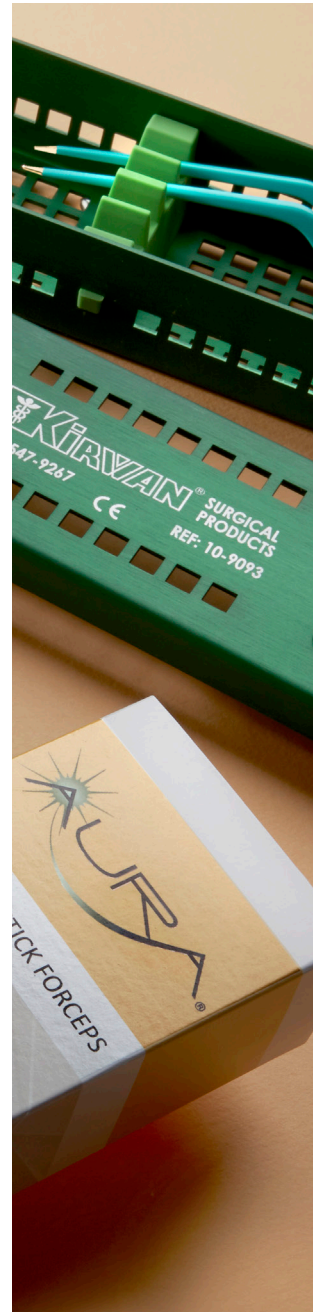


KIRWAN® **SURGICAL PRODUCTS**



PRODUCT CATALOG



DEVELOPING FINE SURGICAL PRODUCTS SINCE 1979

Lawrence T. Kirwan, Sr.
Founder

Lawrence T. Kirwan, Sr., a graduate of Boston Technical High School and Northeastern University, had a passion for mechanical engineering. This passion led him to Codman & Shurtleff, Inc., a renowned manufacturer of surgical instruments and equipment. After dedicating 29 years to Codman, Mr. Kirwan decided to embark on his own entrepreneurial journey.

In November 1979, Mr. Kirwan and his wife, Jean, founded New England Surgical Instruments. Their focus was on manufacturing surgical instruments for specialized fields like ophthalmology, orthopaedics, and ear, nose, and throat. The company operated from their basement in Duxbury, Massachusetts. However, after a year of accommodating employees in their home, the business grew, and the Kirwans realized the need for a larger space.

In 1980, New England Surgical Instruments found a new home in an old shoe factory in Rockland, Massachusetts. It was in this location, in 1989, that the company transformed into Kirwan Surgical Products. The new name not only set them apart from competitors but also highlighted their status as a family-owned and operated business.

With their continued success, Kirwan Surgical Products expanded rapidly. After seventeen years and a growing workforce, they outgrew the Rockland facility.

Finally, after years of renting space, the Kirwans built their own state-of-the-art manufacturing facility in Marshfield, Massachusetts. Tragically, Lawrence T. Kirwan Sr. passed away before witnessing the completion of this magnificent facility.

As the business grew, the need for more space became evident. In 2002, a 20,000 square feet expansion was completed, followed by an additional 40,000 square feet in 2018. In addition to the physical expansion, an eco-friendly approach was taken with the incorporation of solar power. By utilizing solar panels, the company is now able to provide 90% of its power needs sustainably, aligning with its commitment to environmental responsibility. Today, Kirwan Surgical's headquarters spans an impressive 90,000 square feet, a testament to their continued success.



OUR MISSION

Kirwan Surgical Products is dedicated to creating and developing superior products for demanding microsurgical specialties such as ophthalmology, ear, nose and throat, plastic and reconstructive surgery, and orthopaedic surgery. Our mission is to provide innovative high quality products at competitive prices. We continue to be an innovator in the field of electrosurgery and hold a number of patents on groundbreaking product designs and manufacturing techniques associated with the field.

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LEGEND

AU AURA Elite Non-Stick	PL POLARIS	NS Non-Stick	SS Stainless Steel
Ti Titanium	IN Insulated	 Irrigating	 Do Not Re-use

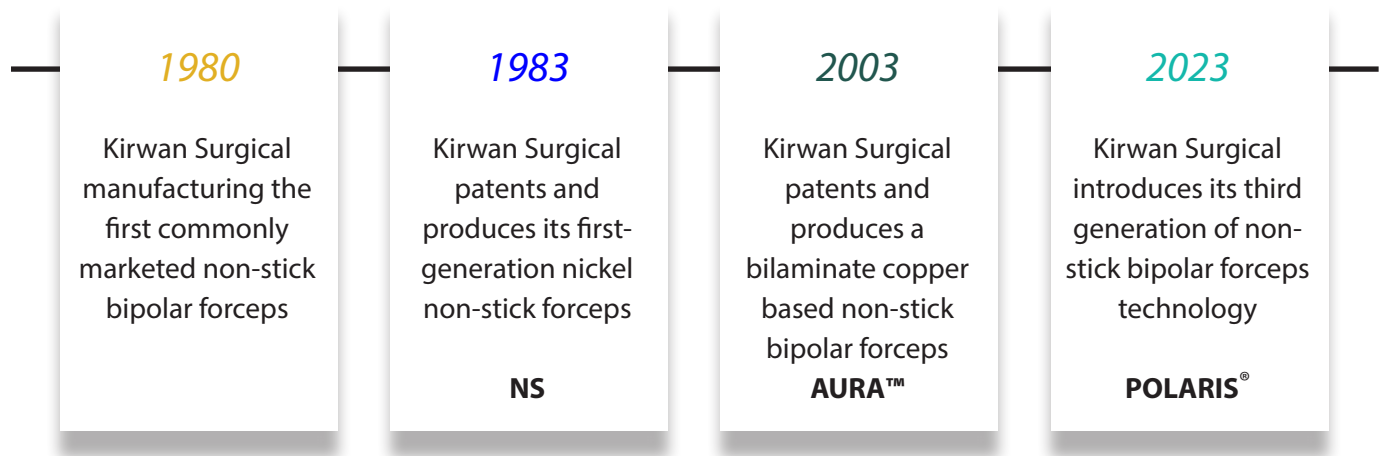
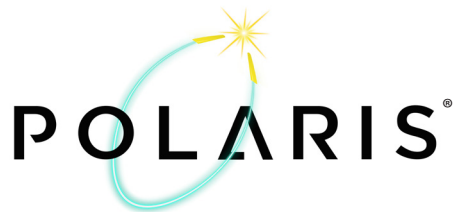


DISPOSABLE FORCEPS

Liberty AURA Elite Non-Stick Disposable Bipolar Forceps combine advanced non-stick technology with the convenience of a disposable forceps. This product line is a perfect fusion of the popular Liberty disposable bipolar forceps and the highly acclaimed AURA Elite non-stick reusable bipolar forceps. These disposable forceps efficiently dissipate energy and heat from the tips, preventing tissue from coagulating onto the forceps and ensuring a non-stick effect. The Liberty AURA Elite Non-Stick Disposable Bipolar Forceps are insulated, come with a 12-foot detachable cord, and are sterile-packaged in packs of five. They offer affordability without compromising on quality. These forceps are comparable in size to standard reusable forceps, making them a versatile choice for medical professionals.

Liberty Disposable Forceps have been meticulously engineered with the same level of precision and attention to detail as our top-of-the-line reusable forceps. They are superior in appearance, texture, and finish, and are offered in a variety of styles. These forceps are available with or without a detachable cord for added convenience.





Kirwan Surgical has established itself as the leading innovator in non-stick bipolar forceps for over four decades. With a rich history in the development and production of non-stick technology, Kirwan Surgical has become synonymous with industry excellence. Although numerous companies are now entering the non-stick bipolar market, Kirwan’s products are often imitated but never matched, maintaining its reputation as the trusted leader in this field.

The POLARIS forceps from Kirwan Surgical are crafted from a single piece of a high-performance mixed matrix non-stick material, representing the pinnacle of non-stick forceps available today. Performance tests indicate that POLARIS forceps outperform AURA forceps by a factor of ten, establishing them as the premier option for those seeking top-tier non-stick bipolar forceps.

The innovative edge of POLARIS lies in its patented mixed matrix composite material, which is not only durable and ideal for forceps manufacturing but also exhibits exceptional conductivity. This material surpasses aluminum in heat transfer capabilities, while its dense molecular structure enables the forceps to store more heat away from the tips than competing bipolar options. The unique ability to efficiently transfer and store heat is what endows these exceptional forceps with superior non-stick characteristics.

POLARIS reusable non-stick bipolar forceps are available in four lengths: 7-inch, 8-inch, 8 ¾-inch, and 10-inch. Each length comes in four different tips sizes: 0.5mm, 0.7mm, 1.0mm, and 1.2mm.

POLARIS disposable non-stick bipolar forceps are available in three lengths: 7-inch, 8-inch, and 9-inch. Each length comes in three different tips sizes: 0.5mm, 1.0mm, and 1.5mm.



19-2224PL












19-2234PL



19-2244PL

Disposable POLARIS Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-2222PL	7" (17.8cm)	-	0.5mm	-	PL IN 
19-2224PL	7" (17.8cm)	-	1.0mm	-	PL IN 
19-2226PL	7" (17.8cm)	-	1.5mm	-	PL IN 
19-2232PL	8" (20.3cm)	-	0.5mm	-	PL IN 
19-2234PL	8" (20.3cm)	-	1.0mm	-	PL IN 
19-2236PL	8" (20.3cm)	-	1.5mm	-	PL IN 
19-2242PL	9" (22.9cm)	-	0.5mm	-	PL IN 
19-2244PL	9" (22.9cm)	-	1.0mm	-	PL IN 
19-2246PL	9" (22.9cm)	-	1.5mm	-	PL IN 



19-5024AU



19-5036AU



19-5042AU

Disposable Comfort Grip Bayonet AURA Non-Stick Bipolar Forceps, Insulated, 12' Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-5022AU	7" (17.8cm)	-	0.5mm	-	AU IN
19-5024AU	7" (17.8cm)	-	1.0mm	-	AU IN
19-5026AU	7" (17.8cm)	-	1.5mm	-	AU IN
19-5032AU	8" (20.3cm)	-	0.5mm	-	AU IN
19-5034AU	8" (20.3cm)	-	1.0mm	-	AU IN
19-5036AU	8" (20.3cm)	-	1.5mm	-	AU IN
19-5042AU	9" (22.9cm)	-	0.5mm	-	AU IN
19-5044AU	9" (22.9cm)	-	1.0mm	-	AU IN
19-5046AU	9" (22.9cm)	-	1.5mm	-	AU IN

*Comfort Grip forceps also available as "AUX" packaged without cords.



19-5024AUIR



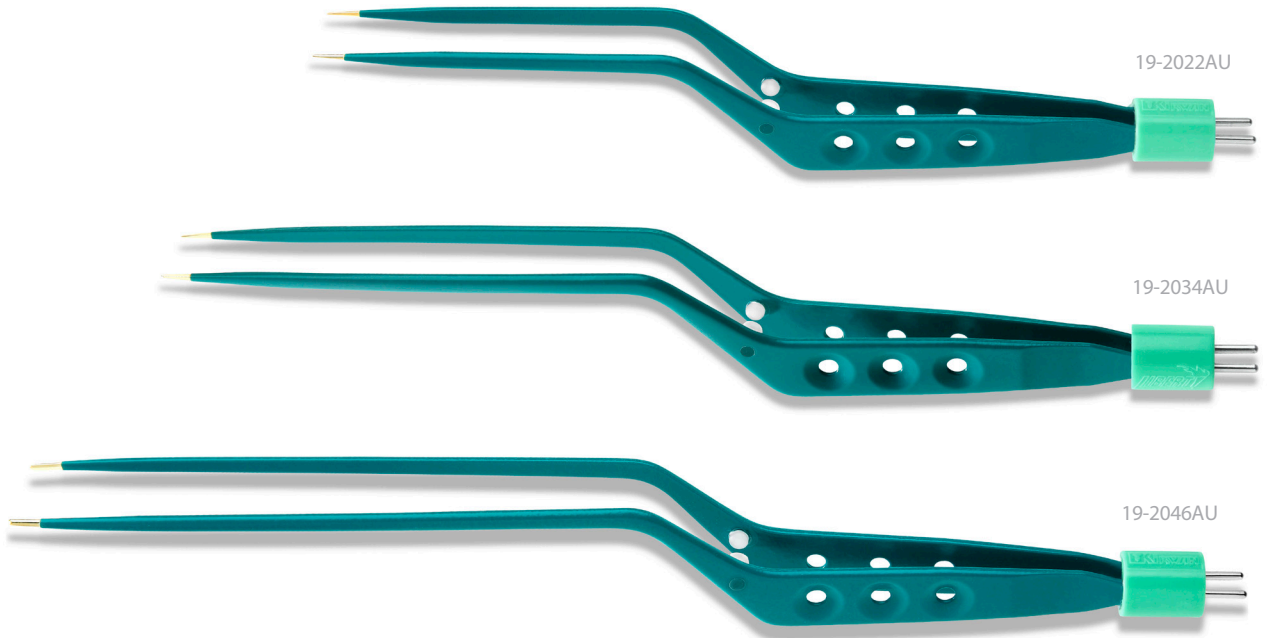
19-5032AUIR



19-5044AUIR

Disposable Comfort Grip Bayonet Irrigating AURA Non-Stick Bipolar Forceps, Insulated

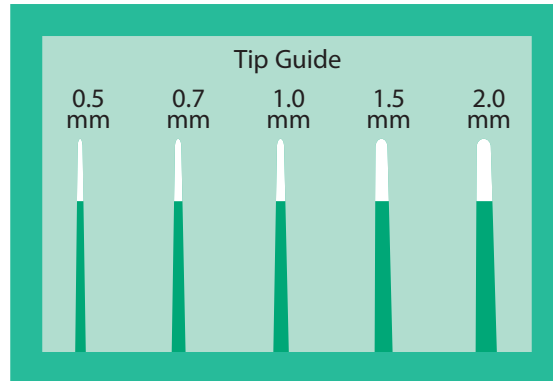
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-5022AUIR	7" (17.8cm)	-	0.5mm	-	AU IN
19-5024AUIR	7" (17.8cm)	-	1.0mm	-	AU IN
19-5026AUIR	7" (17.8cm)	-	1.5mm	-	AU IN
19-5032AUIR	8" (20.3cm)	-	0.5mm	-	AU IN
19-5034AUIR	8" (20.3cm)	-	1.0mm	-	AU IN
19-5036AUIR	8" (20.3cm)	-	1.5mm	-	AU IN
19-5042AUIR	9" (22.9cm)	-	0.5mm	-	AU IN
19-5044AUIR	9" (22.9cm)	-	1.0mm	-	AU IN
19-5046AUIR	9" (22.9cm)	-	1.5mm	-	AU IN



Disposable 3-Hole Yasargil Style AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-2022AU	7" (17.8cm)	-	0.5mm	-	AU IN
19-2024AU	7" (17.8cm)	-	1.0mm	-	AU IN
19-2026AU	7" (17.8cm)	-	1.5mm	-	AU IN
19-2032AU	8" (20.3cm)	-	0.5mm	-	AU IN
19-2034AU	8" (20.3cm)	-	1.0mm	-	AU IN
19-2036AU	8" (20.3cm)	-	1.5mm	-	AU IN
19-2042AU	9" (22.9cm)	-	0.5mm	-	AU IN
19-2044AU	9" (22.9cm)	-	1.0mm	-	AU IN
19-2046AU	9" (22.9cm)	-	1.5mm	-	AU IN

*3-Hole Yasargil Style forceps also available as "AUX" packaged without cords.

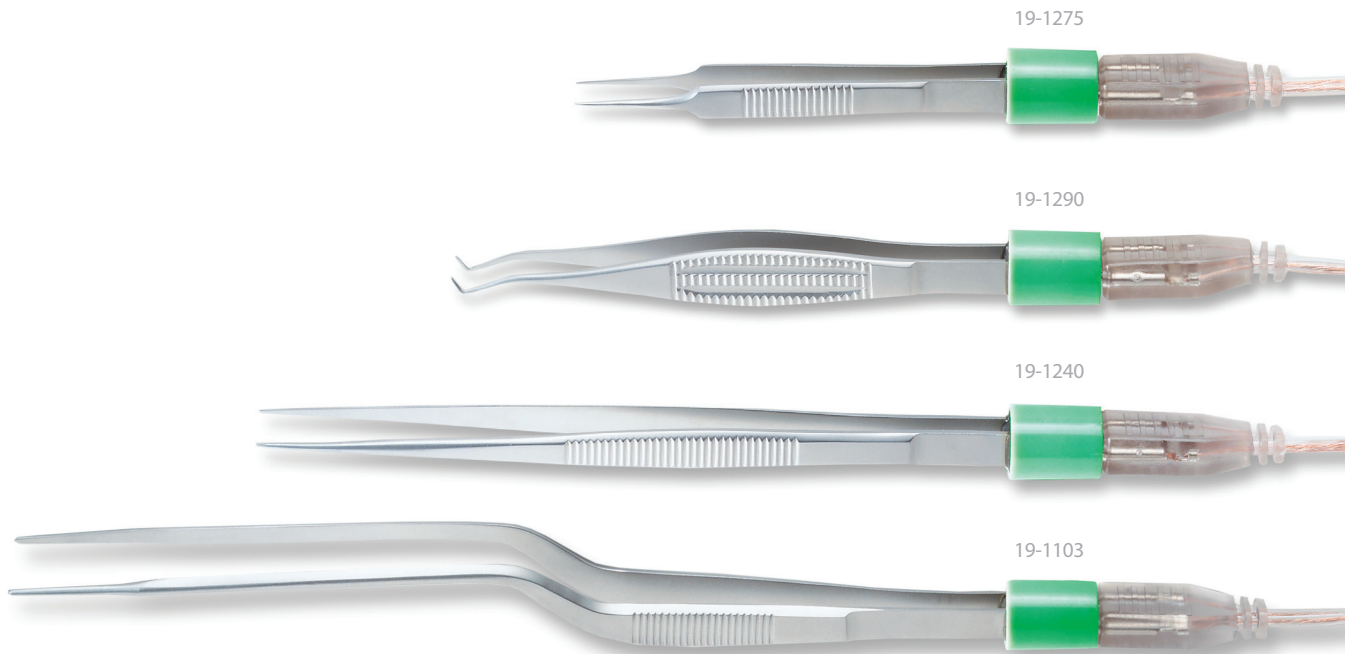




Disposable AURA Non-Stick Bipolar Forceps, Insulated with 12' Cord

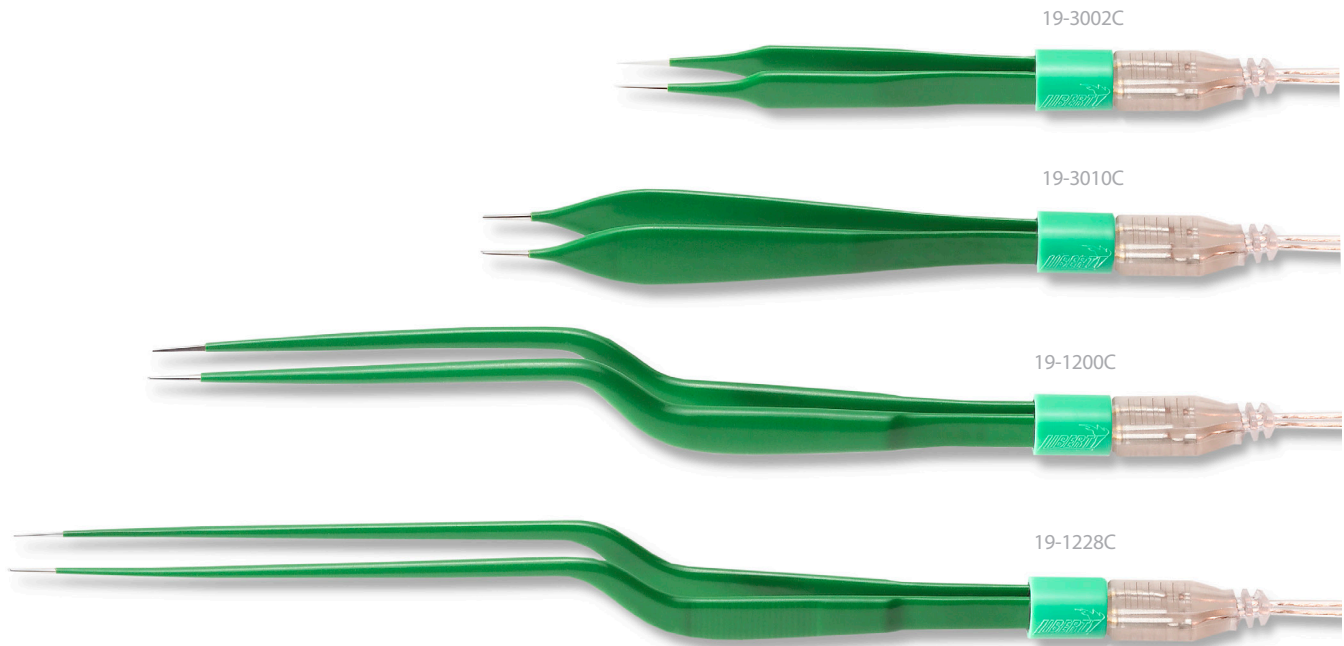
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003AU	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	-	AU IN
19-1103AU	7 1/2" (19.1cm)	Gerald Bayonet	1.0mm	-	AU IN
19-1200AU	7 1/2" (19.1cm)	Cushing Bayonet	0.7mm	-	AU IN
19-1205AU	7 1/2" (19.1cm)	Cushing Bayonet	0.5mm	-	AU IN
19-2004AU	7 1/2" (19.1cm)	Cushing Bayonet	2.0mm	-	AU IN
19-1227AU	8 1/2" (21.6cm)	Hardy Bayonet	0.5mm	-	AU IN
19-1228AU	8 1/2" (21.6cm)	Hardy Bayonet	1.0mm	-	AU IN
19-1229AU	8 1/2" (21.6cm)	Hardy Bayonet	1.5mm	-	AU IN
19-1230AU	8 1/2" (21.6cm)	Hardy Bayonet	0.7mm	-	AU IN
19-1231AU	8 1/2" (21.6cm)	Hardy Bayonet	2.0mm	-	AU IN
19-1235AU	10" (25.4cm)	Hardy Bayonet	1.0mm	-	AU IN
19-1236AU	10" (25.4cm)	Hardy Bayonet	1.5mm	-	AU IN
19-1240AU	5 1/2" (14cm)	Semkin	0.7mm	-	AU IN
19-2000AU	6" (15.2cm)	Cushing	1.0mm	-	AU IN
19-2002AU	7" (17.8cm)	Cushing	1.5mm	-	AU IN
19-3002AU	4" (10.2cm)	Jewelers, Straight	0.4mm	-	AU IN
19-3010AU	5" (12.7cm)	Adson	1.0mm	-	AU IN
19-3020AU	6" (15.2cm)	Adson	0.4mm	-	AU IN
19-3442AU	5 1/4" (13.3cm)	Jewelers	0.4mm	-	AU IN

*Liberty "AU" forceps also available as "AUX" packaged without cords.



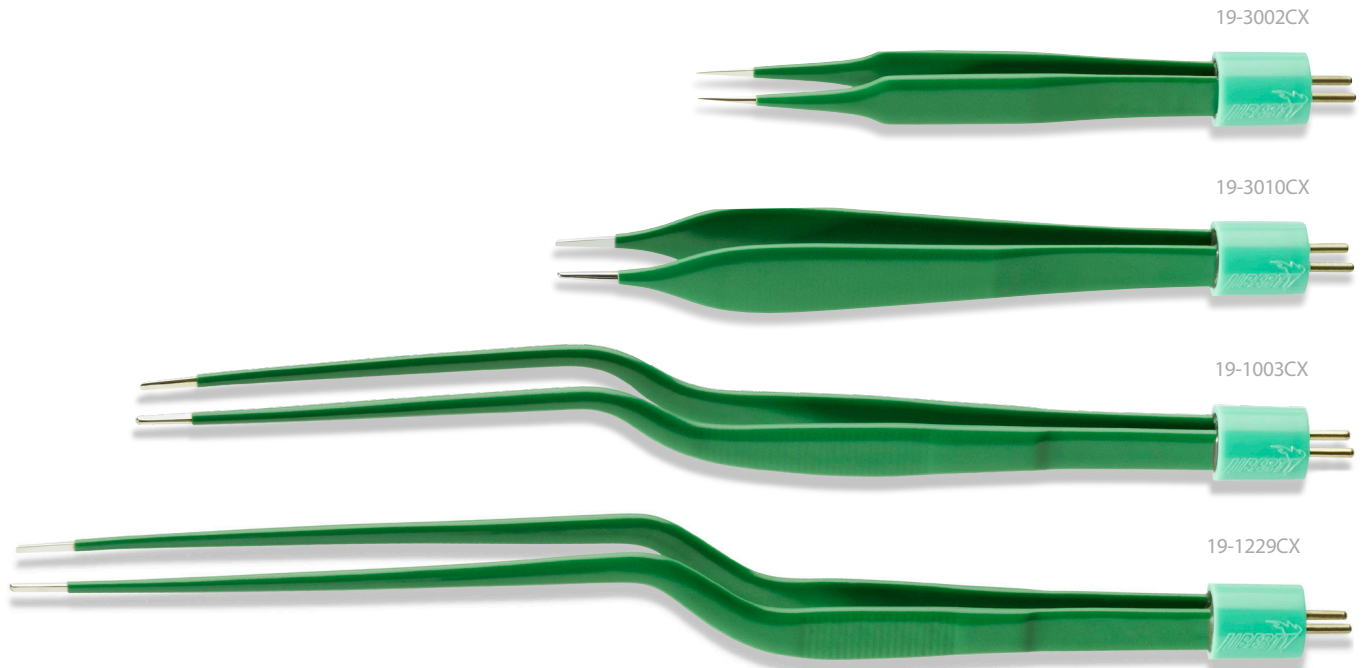
Disposable Stainless Steel Bipolar Forceps, with 12' Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	-	SS
19-1103	7 1/2" (19.1cm)	Gerald Bayonet	1.0mm	-	SS
19-1200	7 1/2" (19.1cm)	Cushing Bayonet	0.7mm	-	SS
19-2004	7 1/2" (19.1cm)	Cushing Bayonet	2.0mm	-	SS
19-1228	8 1/2" (21.6cm)	Hardy Bayonet	1.0mm	-	SS
19-1229	8 1/2" (21.6cm)	Hardy Bayonet	1.5mm	-	SS
19-1230	8 1/2" (21.6cm)	Hardy Bayonet	0.5mm	-	SS
19-1235	10" (25.4cm)	Hardy Bayonet	1.0mm	-	SS
19-1240	5 1/2" (14cm)	Semkin	0.7mm	-	SS
19-1275	3 1/2" (8.9cm)	Iris	0.4mm	-	SS
19-1280	3 1/2" (8.9cm)	Iris, Curved	0.4mm	-	SS
19-1290	4 1/2" (11.4cm)	Coaptation	0.5mm	-	SS
19-1295	4 1/2" (11.4cm)	Coaptation	0.4mm	-	SS
19-2000	6" (15.2cm)	Cushing	1.0mm	-	SS
19-2002	7" (17.8cm)	Cushing	1.5mm	-	SS
19-3002	4" (10.2cm)	Jewelers, Straight	0.4mm	-	SS
19-3010	5" (12.7cm)	Adson	1.0mm	-	SS



Disposable Stainless Steel Bipolar Forceps, Insulated with 12' Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003C	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	-	SS IN
19-1103C	7 1/2" (19.1cm)	Gerald Bayonet	1.0mm	-	SS IN
19-1200C	7 1/2" (19.1cm)	Cushing Bayonet	0.7mm	-	SS IN
19-2004C	7 1/2" (19.1cm)	Cushing Bayonet	2.0mm	-	SS IN
19-1221C	8 1/2" (21.6cm)	Hardy Bayonet, Angled Up	1.0mm	-	SS IN
19-1228C	8 1/2" (21.6cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1229C	8 1/2" (21.6cm)	Hardy Bayonet	1.5mm	-	SS IN
19-1230C	8 1/2" (21.6cm)	Hardy Bayonet	0.5mm	-	SS IN
19-1231C	8 1/2" (21.6cm)	Hardy Bayonet	2.0mm	-	SS IN
19-1235C	10" (25.4cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1236C	10" (25.4cm)	Hardy Bayonet	1.5mm	-	SS IN
19-1240C	5 1/2" (14cm)	Semkin	0.7mm	-	SS IN
19-1250C	12 1/2" (31.8cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1251C	12 1/2" (31.8cm)	Hardy Bayonet, Angled Up	1.0mm	-	SS IN
19-1275C	3 1/2" (8.9cm)	Iris	0.4mm	-	SS IN
19-1280C	3 1/2" (8.9cm)	Iris, Curved	0.4mm	-	SS IN
19-1290C	4 1/2" (11.4cm)	Coaptation	0.5mm	-	SS IN
19-1295C	4 1/2" (11.4cm)	Coaptation	0.4mm	-	SS IN
19-2000C	6" (15.2cm)	Cushing	1.0mm	-	SS IN
19-2002C	7" (17.8cm)	Cushing	1.5mm	-	SS IN
19-3002C	4" (10.2cm)	Jewelers, Straight	0.4mm	-	SS IN
19-3010C	5" (12.7cm)	Adson	1.0mm	-	SS IN



Disposable Stainless Steel Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003CX	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	-	SS IN
19-1103CX	7 1/2" (19.1cm)	Gerald Bayonet	1.0mm	-	SS IN
19-1200CX	7 1/2" (19.1cm)	Cushing Bayonet	0.7mm	-	SS IN
19-2004CX	7 1/2" (19.1cm)	Cushing Bayonet	2.0mm	-	SS IN
19-1228CX	8 1/2" (21.6cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1229CX	8 1/2" (21.6cm)	Hardy Bayonet	1.5mm	-	SS IN
19-1230CX	8 1/2" (21.6cm)	Hardy Bayonet	0.5mm	-	SS IN
19-1231CX	8 1/2" (21.6cm)	Hardy Bayonet	2.0mm	-	SS IN
19-1235CX	10" (25.4cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1236CX	10" (25.4cm)	Hardy Bayonet	1.5mm	-	SS IN
19-1240CX	5 1/2" (14cm)	Semkin	0.7mm	-	SS IN
19-1275CX	3 1/2" (8.9cm)	Iris	0.4mm	-	SS IN
19-1280CX	3 1/2" (8.9cm)	Iris, Curved	0.4mm	-	SS IN
19-1290CX	4 1/2" (11.4cm)	Coaptation	0.5mm	-	SS IN
19-1295CX	4 1/2" (11.4cm)	Coaptation	0.4mm	-	SS IN
19-2000CX	6" (15.2cm)	Cushing	1.0mm	-	SS IN
19-2002CX	7" (17.8cm)	Cushing	1.5mm	-	SS IN
19-3002CX	4" (10.2cm)	Jewelers, Straight	0.4mm	-	SS IN
19-3010CX	5" (12.7cm)	Adson	1.0mm	-	SS IN



19-1230IR

Disposable Stainless Steel Irrigating Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-1003IR	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	-	SS IN
19-1200IR	7 1/2" (19.1cm)	Cushing Bayonet	0.7mm	-	SS IN
19-2004IR	7 1/2" (19.1cm)	Cushing Bayonet	2.0mm	-	SS IN
19-1228IR	8 1/2" (21.6cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1229IR	8 1/2" (21.6cm)	Hardy Bayonet	1.5mm	-	SS IN
19-1230IR	8 1/2" (21.6cm)	Hardy Bayonet	0.5mm	-	SS IN
19-1231IR	8 1/2" (21.6cm)	Hardy Bayonet	2.0mm	-	SS IN
19-1235IR	10" (25.4cm)	Hardy Bayonet	1.0mm	-	SS IN
19-1236IR	10" (25.4cm)	Hardy Bayonet	1.5mm	-	SS IN



19-8020C

Disposable Bayonet Monopolar Forceps, Insulated, Serrated with 10' Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-8010C	8 1/2" (21.6cm)	Straight, Potts-Smith	1.5mm	-	SS IN
19-8020C	9" (22.9cm)	Straight	2.0mm	-	SS IN
19-8021C	9" (22.9cm)	Straight	1.0mm	-	SS IN
19-8025C	9" (22.9cm)	Angled Up	2.0mm	-	SS IN
19-8026C	9" (22.9cm)	Curved	1.0mm	-	SS IN

14-3000



14-4403



Disposable Overmolded Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
14-3000	4" (10.2cm)	Jewelers/Iris Non-Stick, Straight	0.4mm	-	NS IN
14-1080	4" (10.2cm)	Jewelers/Iris Non-Stick, Curved	0.4mm	-	NS IN
14-1090	4" (10.2cm)	Coaptation Non-Stick	0.4mm	-	NS IN
14-2401	5 1/2" (14cm)	Semkin, Straight	0.7mm	-	SS IN
14-2403	7" (17.8cm)	Cushing, Straight	1.5mm	-	SS IN
14-1413	7 1/2" (19.1cm)	Tonsil Bayonet	1.5mm	2 5/8" (6.7cm)	SS IN
14-4404	7 3/4" (19.7cm)	Scoville-Greenwood Bayonet	1.5mm	3" (7.5cm)	SS IN
14-4403	8 1/4" (21cm)	Gerald Bayonet	1.0mm	3 1/2" (8.9cm)	SS IN
14-1431	9" (22.9cm)	Hardy Bayonet	0.7mm	4" (10.2cm)	SS IN

16-4002



Reusable Overmolded Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
16-3000	4" (10.2cm)	TPR Jewelers/Iris Non-Stick, Straight	0.4mm	-	NS IN
16-1080	4" (10.2cm)	TPR Jewelers/Iris Non-Stick, Curved	0.4mm	-	NS IN
16-1090	4" (10.2cm)	TPR Coaptation Non-Stick	0.4mm	-	NS IN
16-2400	5 1/2" (14cm)	TPR Semkin, Straight	0.7mm	-	SS IN
16-2102	7" (17.8cm)	TPR Cushing Non-Stick, Straight	1.5mm	-	NS IN
16-1413	7 1/2" (19.1cm)	TPR Tonsil Bayonet	1.5mm	2 5/8" (6.7cm)	SS IN
16-4403	7 3/4" (19.7cm)	TPR Scoville-Greenwood Bayonet	1.5mm	3" (7.5cm)	SS IN
16-4402	8 1/4" (21cm)	TPR Gerald Non-Stick Bayonet	1.0mm	3 1/2" (8.9cm)	NS IN
16-1030	9" (22.9cm)	TPR Hardy Non-Stick Bayonet	0.7mm	4" (10.2cm)	NS IN



BIPOLAR FORCEPS

One standout product in Kirwan's bipolar forceps lineup is the AURA line of elite non-stick bipolar forceps, which are the result of 35 years of research and development. These forceps utilize high conductivity principles to deliver an exceptional non-stick effect during coagulation, enhancing surgical precision and efficiency. By incorporating cutting-edge technology, Kirwan provides surgeons with a top-quality instrument that elevates the overall surgical experience for both medical professionals and their patients.

Kirwan Surgical Products offers a wide range of bipolar forceps styles to cater to the diverse needs of surgeons. These styles include Reusable, Disposable, Bayonet, Straight, Stainless Steel, Non-Stick, Titanium, Insulated, Non-Insulated, Irrigating, Non-Irrigating, with or without stops, and with various tip sizes, tip angles, and working lengths. The versatility of these forceps allows for easy customization based on the surgeon's preferences and requirements, ensuring optimal performance during procedures.



22-1434PL



22-1443PL



22-1454PL



22-1465PL

POLARIS Bayonet Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
22-1432PL	7" (17.8cm)	-	0.5mm	2 3/4" (7cm)	PL IN
22-1433PL	7" (17.8cm)	-	0.7mm	2 3/4" (7cm)	PL IN
22-1434PL	7" (17.8cm)	-	1.0mm	2 3/4" (7cm)	PL IN
22-1435PL	7" (17.8cm)	-	1.2mm	2 3/4" (7cm)	PL IN
22-1442PL	8" (20.3cm)	-	0.5mm	3 3/4" (9.5cm)	PL IN
22-1443PL	8" (20.3cm)	-	0.7mm	3 3/4" (9.5cm)	PL IN
22-1444PL	8" (20.3cm)	-	1.0mm	3 3/4" (9.5cm)	PL IN
22-1445PL	8" (20.3cm)	-	1.2mm	3 3/4" (9.5cm)	PL IN
22-1452PL	8 3/4" (22.2cm)	-	0.5mm	4 1/2" (11.4cm)	PL IN
22-1453PL	8 3/4" (22.2cm)	-	0.7mm	4 1/2" (11.4cm)	PL IN
22-1454PL	8 3/4" (22.2cm)	-	1.0mm	4 1/2" (11.4cm)	PL IN
22-1455PL	8 3/4" (22.2cm)	-	1.2mm	4 1/2" (11.4cm)	PL IN
22-1462PL	10" (25.4cm)	-	0.5mm	5 3/4" (14.6cm)	PL IN
22-1463PL	10" (25.4cm)	-	0.7mm	5 3/4" (14.6cm)	PL IN
22-1464PL	10" (25.4cm)	-	1.0mm	5 3/4" (14.6cm)	PL IN
22-1465PL	10" (25.4cm)	-	1.2mm	5 3/4" (14.6cm)	PL IN

NARROW LINE BIPOLAR FORCEPS



24-1430AU



24-1448AU

Narrow Line Bayonet AURA Non-Stick Bipolar Forceps, Insulated

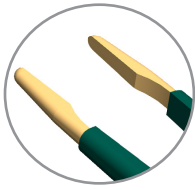
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
24-1421AU	6 1/4" (15.9cm)	-	0.2mm	1 5/8" (4cm)	AU IN
24-1422AU	6 1/4" (15.9cm)	-	0.5mm	1 5/8" (4cm)	AU IN
24-1423AU	6 1/4" (15.9cm)	-	0.7mm	1 5/8" (4cm)	AU IN
24-1424AU	6 1/4" (15.9cm)	-	1.0mm	1 5/8" (4cm)	AU IN
24-1425AU	6 1/4" (15.9cm)	-	1.2mm	1 5/8" (4cm)	AU IN
24-1427AU	6 1/4" (15.9cm)	-	2.0mm	1 5/8" (4cm)	AU IN
24-1430AU	7" (17.8cm)	-	0.1mm	2 3/8" (6cm)	AU IN
24-1431AU	7" (17.8cm)	-	0.2mm	2 3/8" (6cm)	AU IN
24-1432AU	7" (17.8cm)	-	0.5mm	2 3/8" (6cm)	AU IN
24-1433AU	7" (17.8cm)	-	0.7mm	2 3/8" (6cm)	AU IN
24-1434AU	7" (17.8cm)	-	1.0mm	2 3/8" (6cm)	AU IN
24-1435AU	7" (17.8cm)	-	1.2mm	2 3/8" (6cm)	AU IN
24-1437AU	7" (17.8cm)	-	2.0mm	2 3/8" (6cm)	AU IN
24-1440AU	8" (20.3cm)	-	0.1mm	3 3/8" (8.5cm)	AU IN
24-1441AU	8" (20.3cm)	-	0.2mm	3 3/8" (8.5cm)	AU IN
24-1442AU	8" (20.3cm)	-	0.5mm	3 3/8" (8.5cm)	AU IN
24-1443AU	8" (20.3cm)	-	0.7mm	3 3/8" (8.5cm)	AU IN
24-1444AU	8" (20.3cm)	-	1.0mm	3 3/8" (8.5cm)	AU IN
24-1445AU	8" (20.3cm)	-	1.2mm	3 3/8" (8.5cm)	AU IN
24-1447AU	8" (20.3cm)	-	2.0mm	3 3/8" (8.5cm)	AU IN
24-1448AU	8" (20.3cm)	Angled Up 75 Degrees	1.0mm	3 3/8" (8.5cm)	AU IN
24-1449AU	8" (20.3cm)	Angled Down 75 Degrees	1.0mm	3 3/8" (8.5cm)	AU IN



Narrow Line Bayonet AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
24-1450AU	8 3/4" (22.2cm)	-	0.1mm	4 1/8" (10.5cm)	AU IN
24-1451AU	8 3/4" (22.2cm)	-	0.2mm	4 1/8" (10.5cm)	AU IN
24-1452AU	8 3/4" (22.2cm)	-	0.5mm	4 1/8" (10.5cm)	AU IN
24-1453AU	8 3/4" (22.2cm)	-	0.7mm	4 1/8" (10.5cm)	AU IN
24-1454AU	8 3/4" (22.2cm)	-	1.0mm	4 1/8" (10.5cm)	AU IN
24-1455AU	8 3/4" (22.2cm)	-	1.2mm	4 1/8" (10.5cm)	AU IN
24-1457AU	8 3/4" (22.2cm)	-	2.0mm	4 1/8" (10.5cm)	AU IN
24-1458AU	8 3/4" (22.2cm)	Angled Up 75 Degrees	1.0mm	4 1/8" (10.5cm)	AU IN
24-1459AU	8 3/4" (22.2cm)	Angled Down 75 Degrees	1.0mm	4 1/8" (10.5cm)	AU IN
24-1460AU	10" (25.4cm)	-	0.1mm	5 1/2" (14cm)	AU IN
24-1461AU	10" (25.4cm)	-	0.2mm	5 1/2" (14cm)	AU IN
24-1462AU	10" (25.4cm)	-	0.5mm	5 1/2" (14cm)	AU IN
24-1463AU	10" (25.4cm)	-	0.7mm	5 1/2" (14cm)	AU IN
24-1464AU	10" (25.4cm)	-	1.0mm	5 1/2" (14cm)	AU IN
24-1465AU	10" (25.4cm)	-	1.2mm	5 1/2" (14cm)	AU IN
24-1467AU	10" (25.4cm)	-	2.0mm	5 1/2" (14cm)	AU IN
24-1468AU	10" (25.4cm)	Angled Up 75 Degrees	1.0mm	5 1/2" (14cm)	AU IN
24-1469AU	10" (25.4cm)	Angled Down 75 Degrees	1.0mm	5 1/2" (14cm)	AU IN

3-HOLE YASARGIL STYLE BIPOLAR FORCEPS



21-1408AU



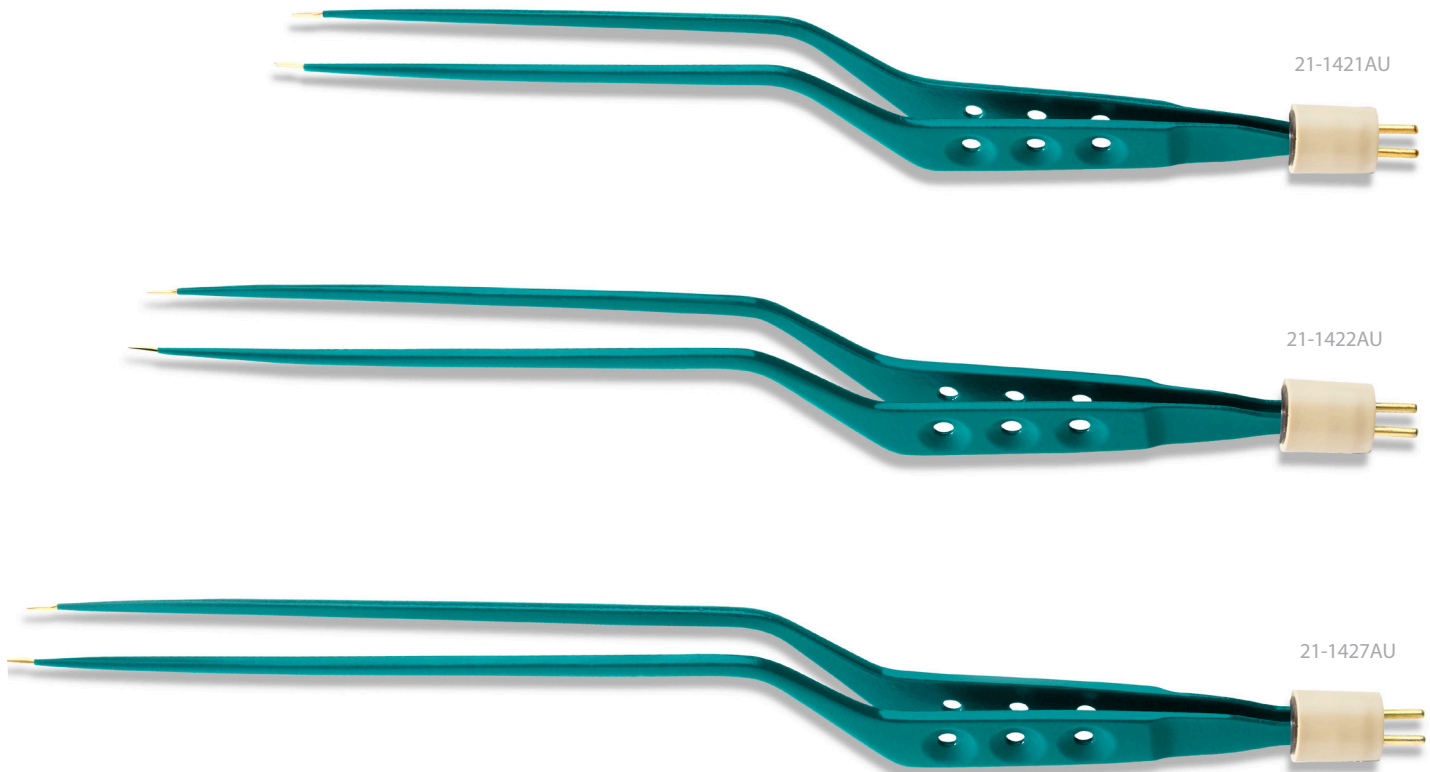
21-1410AU



21-1444AU

3-Hole Yasargil Style Bayonet AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
21-1442AU	6" (15.2cm)	-	0.2mm	1 3/8" (3.5cm)	AU IN
21-1406AU	6" (15.2cm)	-	0.4mm	1 3/8" (3.5cm)	AU IN
21-1407AU	6" (15.2cm)	-	0.7mm	1 3/8" (3.5cm)	AU IN
21-1408AU	6" (15.2cm)	-	1.0mm	1 3/8" (3.5cm)	AU IN
21-1409AU	6" (15.2cm)	-	1.3mm	1 3/8" (3.5cm)	AU IN
21-1443AU	7" (17.8cm)	-	0.2mm	2 3/8" (6cm)	AU IN
21-1410AU	7" (17.8cm)	-	0.4mm	2 3/8" (6cm)	AU IN
21-1411AU	7" (17.8cm)	-	0.7mm	2 3/8" (6cm)	AU IN
21-1412AU	7" (17.8cm)	-	1.0mm	2 3/8" (6cm)	AU IN
21-1413AU	7" (17.8cm)	-	1.3mm	2 3/8" (6cm)	AU IN
21-1444AU	7 3/4" (19.7cm)	-	0.2mm	3" (7.6cm)	AU IN
21-1414AU	7 3/4" (19.7cm)	-	0.4mm	3" (7.6cm)	AU IN
21-1415AU	7 3/4" (19.7cm)	-	0.7mm	3" (7.6cm)	AU IN
21-1416AU	7 3/4" (19.7cm)	-	1.0mm	3" (7.6cm)	AU IN
21-1417AU	7 3/4" (19.7cm)	-	1.3mm	3" (7.6cm)	AU IN



3-Hole Yasargil Style Bayonet AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
21-1445AU	8 1/2" (21.6cm)	-	0.2mm	3 3/4" (9.5cm)	AU IN
21-1418AU	8 1/2" (21.6cm)	-	0.4mm	3 3/4" (9.5cm)	AU IN
21-1419AU	8 1/2" (21.6cm)	-	0.7mm	3 3/4" (9.5cm)	AU IN
21-1420AU	8 1/2" (21.6cm)	-	1.0mm	3 3/4" (9.5cm)	AU IN
21-1421AU	8 1/2" (21.6cm)	-	1.3mm	3 3/4" (9.5cm)	AU IN
21-1446AU	9 1/4" (23.5cm)	-	0.2mm	4 1/2" (11.4cm)	AU IN
21-1422AU	9 1/4" (23.5cm)	-	0.4mm	4 1/2" (11.4cm)	AU IN
21-1423AU	9 1/4" (23.5cm)	-	0.7mm	4 1/2" (11.4cm)	AU IN
21-1424AU	9 1/4" (23.5cm)	-	1.0mm	4 1/2" (11.4cm)	AU IN
21-1425AU	9 1/4" (23.5cm)	-	1.3mm	4 1/2" (11.4cm)	AU IN
21-1447AU	10 1/4" (26cm)	-	0.2mm	5 1/2" (14cm)	AU IN
21-1426AU	10 1/4" (26cm)	-	0.4mm	5 1/2" (14cm)	AU IN
21-1427AU	10 1/4" (26cm)	-	0.7mm	5 1/2" (14cm)	AU IN
21-1428AU	10 1/4" (26cm)	-	1.0mm	5 1/2" (14cm)	AU IN
21-1429AU	10 1/4" (26cm)	-	1.3mm	5 1/2" (14cm)	AU IN



20-1412AU

Yasargil Bayonet AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410AU	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	AU IN
20-1411AU	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	AU IN
20-1412AU	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	AU IN
20-1413AU	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	AU IN
20-1414AU	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	AU IN
20-1415AU	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	AU IN
20-1416AU	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	AU IN
20-1417AU	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	AU IN
20-1418AU	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	AU IN
20-1419AU	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	AU IN
20-1420AU	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	AU IN
20-1421AU	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	AU IN



20-1618AU

Yasargil Bayonet AURA Non-Stick Irrigating Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1610AU	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	AU IN
20-1611AU	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	AU IN
20-1612AU	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	AU IN
20-1613AU	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	AU IN
20-1614AU	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	AU IN
20-1615AU	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	AU IN
20-1616AU	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	AU IN
20-1617AU	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	AU IN
20-1618AU	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	AU IN
20-1619AU	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	AU IN
20-1620AU	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	AU IN
20-1621AU	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	AU IN



Yasargil Bayonet Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410NS	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	NS IN
20-1411NS	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	NS IN
20-1412NS	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	NS IN
20-1413NS	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	NS IN
20-1414NS	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	NS IN
20-1415NS	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	NS IN
20-1416NS	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	NS IN
20-1417NS	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	NS IN
20-1418NS	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	NS IN
20-1419NS	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	NS IN
20-1420NS	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	NS IN
20-1421NS	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	NS IN



Yasargil Bayonet Non-Stick Irrigating Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1610NS	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	NS IN
20-1611NS	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	NS IN
20-1612NS	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	NS IN
20-1613NS	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	NS IN
20-1614NS	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	NS IN
20-1615NS	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	NS IN
20-1616NS	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	NS IN
20-1617NS	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	NS IN
20-1618NS	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	NS IN
20-1619NS	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	NS IN
20-1620NS	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	NS IN
20-1621NS	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	NS IN



20-1118AU

Yasargil Bayonet AURA Non-Stick Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1110AU	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	AU
20-1111AU	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	AU
20-1112AU	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	AU
20-1113AU	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	AU
20-1114AU	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	AU
20-1115AU	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	AU
20-1116AU	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	AU
20-1117AU	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	AU
20-1118AU	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	AU
20-1119AU	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	AU
20-1120AU	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	AU
20-1121AU	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	AU



20-1221NS

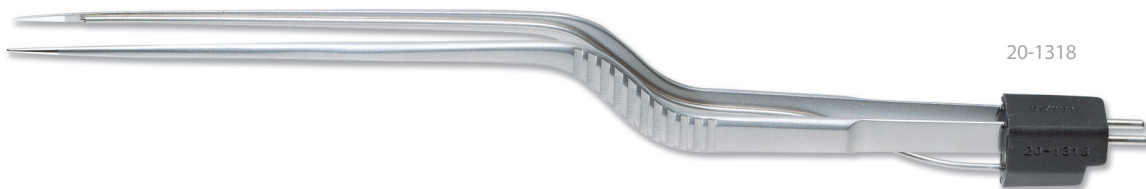
Yasargil Bayonet Non-Stick Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1210NS	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	NS
20-1211NS	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	NS
20-1212NS	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	NS
20-1213NS	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	NS
20-1214NS	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	NS
20-1215NS	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	NS
20-1216NS	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	NS
20-1217NS	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	NS
20-1218NS	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	NS
20-1219NS	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	NS
20-1220NS	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	NS
20-1221NS	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	NS















Yasargil Bayonet Stainless Steel Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1010	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	SS
20-1011	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	SS
20-1012	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	SS
20-1013	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	SS
20-1014	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	SS
20-1015	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	SS
20-1016	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	SS
20-1017	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	SS
20-1018	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	SS
20-1019	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	SS
20-1020	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	SS
20-1021	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	SS



Yasargil Bayonet Stainless Steel Irrigating Bipolar Forceps

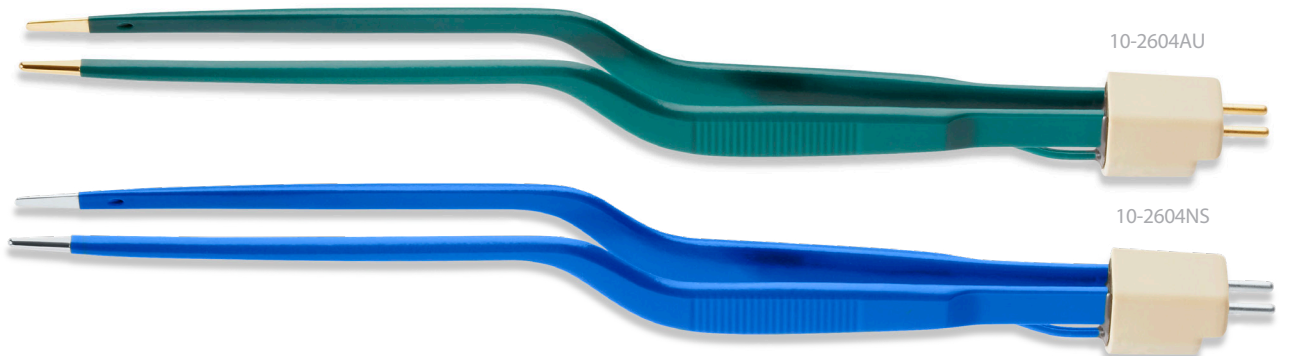
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1310	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	SS 
20-1311	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	SS 
20-1312	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	SS 
20-1313	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	SS 
20-1314	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	SS 
20-1315	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	SS 
20-1316	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	SS 
20-1317	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	SS 
20-1318	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	SS 
20-1319	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	SS 
20-1320	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	SS 
20-1321	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	SS 

CUSHING BIPOLAR FORCEPS



Cushing Bayonet Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-2404AU	7 1/2" (19.1cm)	Non-Stick	2.0mm	3 1/2" (8.9cm)	AU IN
12-1400AU	7 1/2" (19.1cm)	Non-Stick	0.7mm	3 1/2" (8.9cm)	AU IN
10-2204NS	7 1/2" (19.1cm)	Non-Stick	2.0mm	3 1/2" (8.9cm)	NS IN
12-1200NS	7 1/2" (19.1cm)	Non-Stick	0.7mm	3 1/2" (8.9cm)	NS IN
10-2004	7 1/2" (19.1cm)	-	2.0mm	3 1/2" (8.9cm)	SS IN
12-1000	7 1/2" (19.1cm)	-	0.7mm	3 1/2" (8.9cm)	SS IN
12-1450AU	12 1/2" (31.8cm)	Non-Stick	1.0mm	8" (20.3cm)	AU IN
12-1451AU	12 1/2" (31.8cm)	Non-Stick, Angled Up	1.0mm	8" (20.3cm)	AU IN



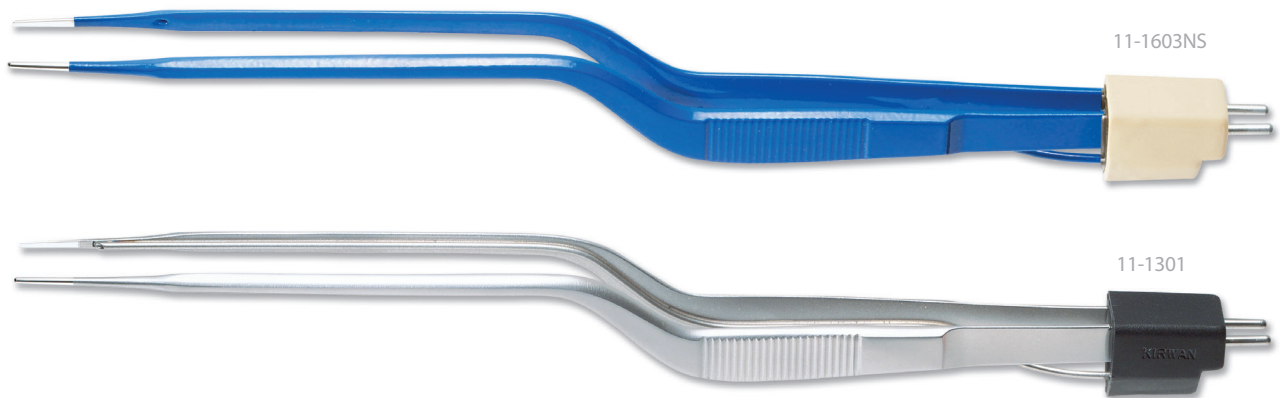
Cushing Bayonet Irrigating Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-2604AU	7 1/2" (19.1cm)	Non-Stick	2.0mm	3 1/2" (8.9cm)	AU IN
10-2604NS	7 1/2" (19.1cm)	Non-Stick	2.0mm	3 1/2" (8.9cm)	NS IN
10-2304	7 1/2" (19.1cm)	-	2.0mm	3 1/2" (8.9cm)	SS IN
12-1600AU	7 1/2" (19.1cm)	Non-Stick	0.7mm	3 1/2" (8.9cm)	AU IN
12-1600NS	7 1/2" (19.1cm)	Non-Stick	0.7mm	3 1/2" (8.9cm)	NS IN
12-1300	7 1/2" (19.1cm)	-	0.7mm	3 1/2" (8.9cm)	SS IN



Gerald Bayonet Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
11-1403AU	7 1/2" (19.1cm)	Non-Stick, Insulated	1.0mm	3 1/2" (8.9cm)	AU IN
11-1203NS	7 1/2" (19.1cm)	Non-Stick, Insulated	1.0mm	3 1/2" (8.9cm)	NS IN
11-1003	7 1/2" (19.1cm)	Insulated	1.0mm	3 1/2" (8.9cm)	SS IN
11-1101AU	7 1/2" (19.1cm)	Non-Stick	1.0mm	3 1/2" (8.9cm)	AU
11-1201NS	7 1/2" (19.1cm)	Non-Stick	1.0mm	3 1/2" (8.9cm)	NS
11-1001	7 1/2" (19.1cm)	-	1.0mm	3 1/2" (8.9cm)	SS



Gerald Bayonet Irrigating Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
11-1603AU	7 1/2" (19.1cm)	Non-Stick, Insulated	1.0mm	3 1/2" (8.9cm)	AU IN
11-1603NS	7 1/2" (19.1cm)	Non-Stick, Insulated	1.0mm	3 1/2" (8.9cm)	NS IN
11-1301	7 1/2" (19.1cm)	-	1.0mm	3 1/2" (8.9cm)	SS
11-1303	7 1/2" (19.1cm)	Insulated	1.0mm	3 1/2" (8.9cm)	SS IN

SCOVILLE-GREENWOOD BIPOLAR FORCEPS



Scoville-Greenwood Bayonet Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1403AU	7 3/4" (19.7cm)	Non-Stick, Insulated	1.5mm	2 3/4" (7cm)	AU IN
10-1203NS	7 3/4" (19.7cm)	Non-Stick, Insulated	1.5mm	2 3/4" (7cm)	NS IN
10-1003	7 3/4" (19.7cm)	Insulated	1.5mm	2 3/4" (7cm)	SS IN
10-1102AU	7 3/4" (19.7cm)	Non-Stick	1.5mm	2 3/4" (7cm)	AU
10-1202NS	7 3/4" (19.7cm)	Non-Stick	1.5mm	2 3/4" (7cm)	NS
10-1002	7 3/4" (19.7cm)	-	1.5mm	2 3/4" (7cm)	SS



Scoville-Greenwood Bayonet Irrigating Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1603AU	7 3/4" (19.7cm)	Non-Stick, Insulated	1.5mm	2 3/4" (7cm)	AU IN
10-1603NS	7 3/4" (19.7cm)	Non-Stick, Insulated	1.5mm	2 3/4" (7cm)	NS IN
10-1302	7 3/4" (19.7cm)	-	1.5mm	2 3/4" (7cm)	SS
10-1303	7 3/4" (19.7cm)	Insulated	1.5mm	2 3/4" (7cm)	SS IN



10-1413AU



10-1213NS

Tonsil Bayonet Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1413AU	7 3/4" (19.7cm)	-	1.5mm	2 3/4" (7cm)	AU IN
10-1213NS	7 3/4" (19.7cm)	-	1.5mm	2 3/4" (7cm)	NS IN



23-1451AU

Reverse Action Style AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
23-1451AU	10" (25.4cm)	-	0.7mm	6" (15.2cm)	AU IN
23-1452AU	10" (25.4cm)	-	1.0mm	6" (15.2cm)	AU IN

HARDY BIPOLAR FORCEPS



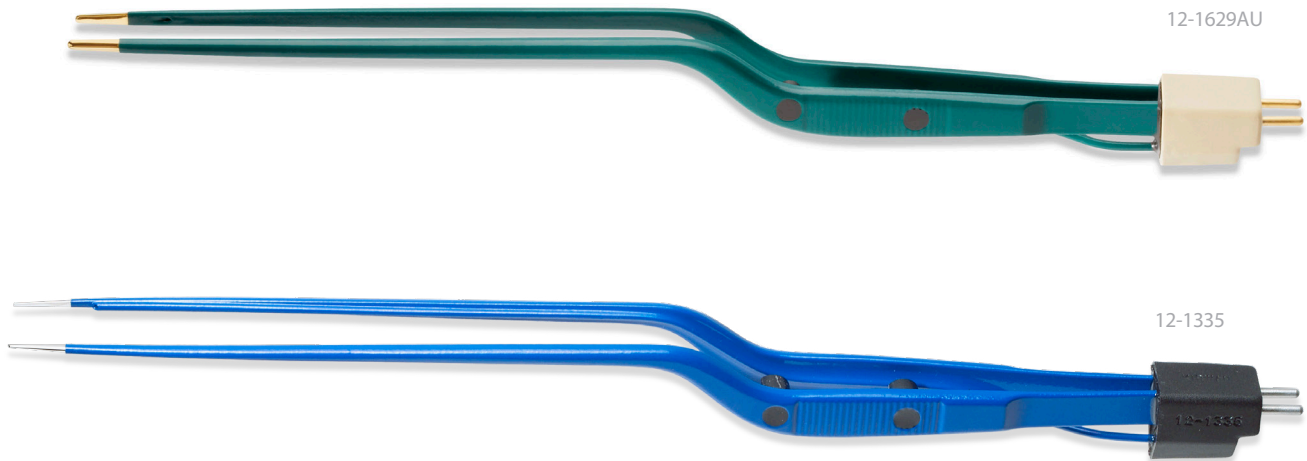
Hardy Bayonet Bipolar Forceps with Stop, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1429AU	8 3/4" (22.2cm)	Non-Stick	2.0mm	4 1/2" (11.4cm)	AU IN
12-1432AU	8 3/4" (22.2cm)	Non-Stick	1.5mm	4 1/2" (11.4cm)	AU IN
12-1433AU	8 3/4" (22.2cm)	Non-Stick	1.2mm	4 1/2" (11.4cm)	AU IN
12-1434AU	8 3/4" (22.2cm)	Non-Stick	0.7mm	4 1/2" (11.4cm)	AU IN
12-1435AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	4 1/2" (11.4cm)	AU IN
12-1235NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	4 1/2" (11.4cm)	NS IN
12-1035	8 3/4" (22.2cm)	-	0.5mm	4 1/2" (11.4cm)	SS IN
12-1436AU	9 3/4" (24.8cm)	Non-Stick	0.5mm	5 1/2" (14cm)	AU IN
12-1437AU	9 3/4" (24.8cm)	Non-Stick	1.0mm	5 1/2" (14cm)	AU IN
12-1438AU	9 3/4" (24.8cm)	Non-Stick	1.5mm	5 1/2" (14cm)	AU IN
12-1236NS	9 3/4" (24.8cm)	Non-Stick	0.5mm	5 1/2" (14cm)	NS IN
12-1237NS	9 3/4" (24.8cm)	Non-Stick	1.0mm	5 1/2" (14cm)	NS IN
12-1238NS	9 3/4" (24.8cm)	Non-Stick	1.5mm	5 1/2" (14cm)	NS IN














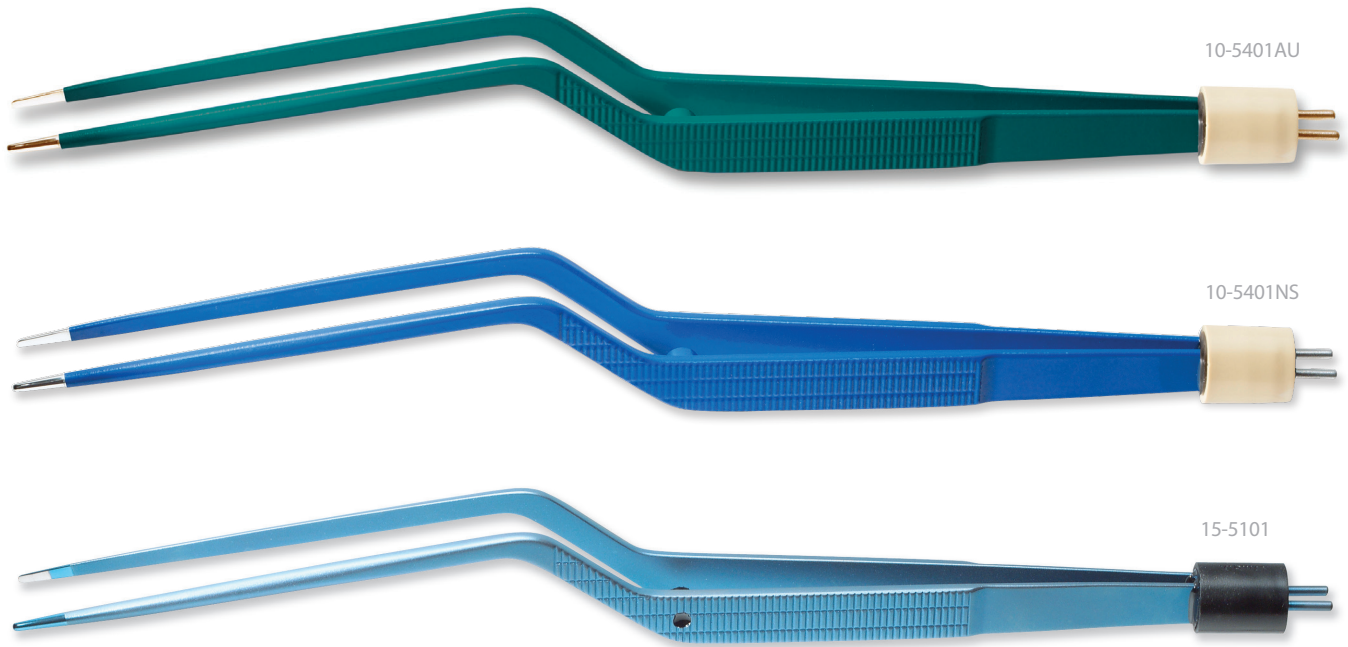
Hardy Bayonet Bipolar Forceps with Stop

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1130AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	4 1/2" (11.4cm)	AU
12-1131AU	8 3/4" (22.2cm)	Non-Stick, Angled Left and Up	1.5mm	4 1/2" (11.4cm)	AU
12-1132AU	8 3/4" (22.2cm)	Non-Stick, Angled Left	1.5mm	4 1/2" (11.4cm)	AU
12-1230NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	4 1/2" (11.4cm)	NS
12-1231NS	8 3/4" (22.2cm)	Non-Stick, Angled Left and Up	1.5mm	4 1/2" (11.4cm)	NS
12-1232NS	8 3/4" (22.2cm)	Non-Stick, Angled Left	1.5mm	4 1/2" (11.4cm)	NS
12-1030	8 3/4" (22.2cm)	-	0.5mm	4 1/2" (11.4cm)	SS



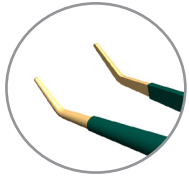
Hardy Bayonet Irrigating Bipolar Forceps with Stop

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1629AU	8 3/4" (22.2cm)	Non-Stick, Insulated	2.0mm	4 1/2" (11.4cm)	AU IN 
12-1632AU	8 3/4" (22.2cm)	Non-Stick, Insulated	1.5mm	4 1/2" (11.4cm)	AU IN 
12-1633AU	8 3/4" (22.2cm)	Non-Stick, Insulated	1.2mm	4 1/2" (11.4cm)	AU IN 
12-1634AU	8 3/4" (22.2cm)	Non-Stick, Insulated	0.7mm	4 1/2" (11.4cm)	AU IN 
12-1635AU	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	4 1/2" (11.4cm)	AU IN 
12-1636AU	9 3/4" (24.8cm)	Non-Stick, Insulated	0.5mm	5 1/2" (14cm)	AU IN 
12-1637AU	9 3/4" (24.8cm)	Non-Stick, Insulated	1.0mm	5 1/2" (14cm)	AU IN 
12-1638AU	9 3/4" (24.8cm)	Non-Stick, Insulated	1.5mm	5 1/2" (14cm)	AU IN 
12-1635NS	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	4 1/2" (11.4cm)	NS IN 
12-1330	8 3/4" (22.2cm)	-	0.5mm	4 1/2" (11.4cm)	SS 
12-1335	8 3/4" (22.2cm)	Insulated	0.5mm	4 1/2" (11.4cm)	SS IN 



Malis Style Bayonet Bipolar Forceps with Stop

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5401AU	8 3/4" (22.2cm)	Non-Stick, Insulated	1.5mm	3 3/4" (9.5cm)	AU IN
10-5402AU	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	3 3/4" (9.5cm)	AU IN
10-5403AU	8 3/4" (22.2cm)	Non-Stick, Insulated	1.0mm	3 3/4" (9.5cm)	AU IN
10-5405AU	8 3/4" (22.2cm)	Non-Stick, Insulated	0.25mm	3 3/4" (9.5cm)	AU IN
10-5401NS	8 3/4" (22.2cm)	Non-Stick, Insulated	1.5mm	3 3/4" (9.5cm)	NS IN
10-5402NS	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	3 3/4" (9.5cm)	NS IN
10-5403NS	8 3/4" (22.2cm)	Non-Stick, Insulated	1.0mm	3 3/4" (9.5cm)	NS IN
10-5405NS	8 3/4" (22.2cm)	Non-Stick, Insulated	0.25mm	3 3/4" (9.5cm)	NS IN
10-5101AU	8 3/4" (22.2cm)	Non-Stick	1.5mm	3 3/4" (9.5cm)	AU
10-5102AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	AU
10-5103AU	8 3/4" (22.2cm)	Non-Stick	1.0mm	3 3/4" (9.5cm)	AU
10-5105AU	8 3/4" (22.2cm)	Non-Stick	0.25mm	3 3/4" (9.5cm)	AU
10-5201NS	8 3/4" (22.2cm)	Non-Stick	1.5mm	3 3/4" (9.5cm)	NS
10-5202NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	NS
10-5203NS	8 3/4" (22.2cm)	Non-Stick	1.0mm	3 3/4" (9.5cm)	NS
10-5205NS	8 3/4" (22.2cm)	Non-Stick	0.25mm	3 3/4" (9.5cm)	NS
15-5101	8 3/4" (22.2cm)	Titanium	1.5mm	3 3/4" (9.5cm)	Ti
15-5102	8 3/4" (22.2cm)	Titanium	0.5mm	3 3/4" (9.5cm)	Ti
15-5103	8 3/4" (22.2cm)	Titanium	1.0mm	3 3/4" (9.5cm)	Ti



10-5404AU

Malis Style Bayonet Bipolar Forceps with Stop, Angled Up

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5404AU	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	3 3/4" (9.5cm)	AU IN
10-5404NS	8 3/4" (22.2cm)	Non-Stick, Insulated	0.5mm	3 3/4" (9.5cm)	NS IN
10-5104AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	AU
10-5204NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	NS
15-5104	8 3/4" (22.2cm)	Titanium	0.5mm	3 3/4" (9.5cm)	Ti

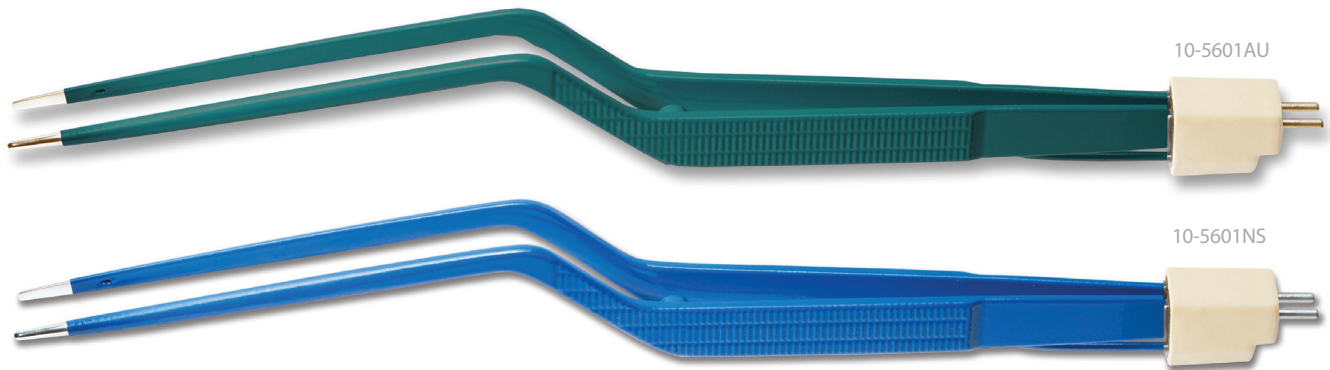


10-5400AU

Malis Style Bayonet Non-Stick Bipolar Forceps with Lightweight Handle

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5400AU	8 3/4" (22.2cm)	Insulated	1.0mm	3 3/4" (9.5cm)	AU IN
10-5400NS	8 3/4" (22.2cm)	Insulated	1.0mm	3 3/4" (9.5cm)	NS IN
10-5100AU	8 3/4" (22.2cm)	-	1.0mm	3 3/4" (9.5cm)	AU
10-5200NS	8 3/4" (22.2cm)	-	1.0mm	3 3/4" (9.5cm)	NS

MALIS STYLE BIPOLAR FORCEPS



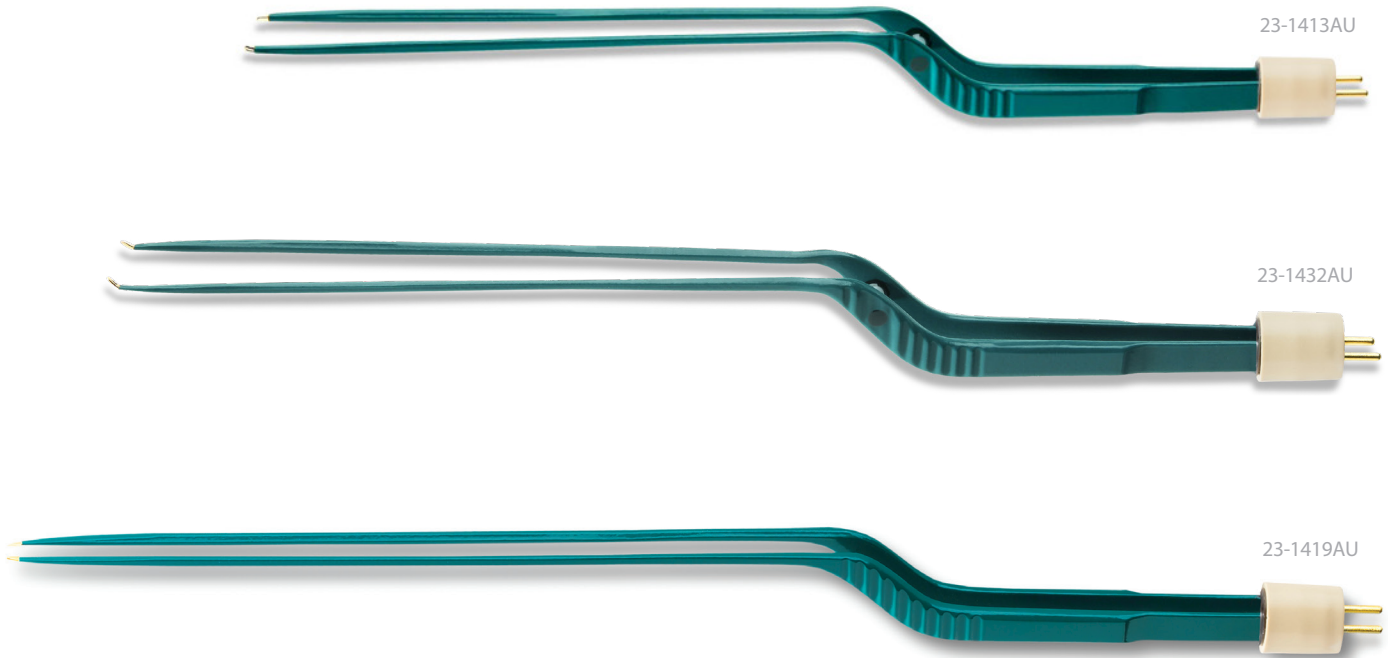
Malis Style Bayonet Irrigating Bipolar Forceps with Stop, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5601AU	8 3/4" (22.2cm)	Non-Stick	1.5mm	3 3/4" (9.5cm)	AU IN
10-5602AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	AU IN
10-5603AU	8 3/4" (22.2cm)	Non-Stick	1.0mm	3 3/4" (9.5cm)	AU IN
10-5605AU	8 3/4" (22.2cm)	Non-Stick	0.25mm	3 3/4" (9.5cm)	AU IN
10-5601NS	8 3/4" (22.2cm)	Non-Stick	1.5mm	3 3/4" (9.5cm)	NS IN
10-5602NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	NS IN
10-5603NS	8 3/4" (22.2cm)	Non-Stick	1.0mm	3 3/4" (9.5cm)	NS IN
10-5605NS	8 3/4" (22.2cm)	Non-Stick	0.25mm	3 3/4" (9.5cm)	NS IN
15-5301	8 3/4" (22.2cm)	Titanium	1.5mm	3 3/4" (9.5cm)	Ti IN
15-5302	8 3/4" (22.2cm)	Titanium	0.5mm	3 3/4" (9.5cm)	Ti IN
15-5303	8 3/4" (22.2cm)	Titanium	1.0mm	3 3/4" (9.5cm)	Ti IN
15-5310		Stylets for Irrigating Forceps, 5/pk			



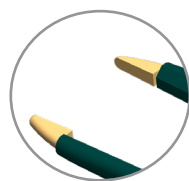
Malis Style Bayonet Irrigating Bipolar Forceps with Stop, Angled Up, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-5604AU	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	AU IN
10-5604NS	8 3/4" (22.2cm)	Non-Stick	0.5mm	3 3/4" (9.5cm)	NS IN
15-5304	8 3/4" (22.2cm)	Titanium	0.5mm	3 3/4" (9.5cm)	Ti IN

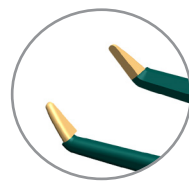


Minimally Invasive AURA Non-Stick Bipolar Forceps with Stop, Parallel Working Length, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
23-1411AU	8 1/2" (21.6cm)	Straight	0.7mm	4 1/4" (10.8cm)	AU IN
23-1413AU	8 1/2" (21.6cm)	Straight	1.2mm	4 1/4" (10.8cm)	AU IN
23-1431AU	8 1/2" (21.6cm)	Angled Up 45 Degrees	0.7mm	4 1/4" (10.8cm)	AU IN
23-1417AU	9 1/2" (24.1cm)	Straight	1.2mm	5 1/4" (13.3cm)	AU IN
23-1415AU	9 1/2" (24.1cm)	Straight	0.7mm	5 1/4" (13.3cm)	AU IN
23-1432AU	9 1/2" (24.1cm)	Angled Up 45 Degrees	0.7mm	5 1/4" (13.3cm)	AU IN
23-1419AU	10 1/2" (26.7cm)	Straight	0.7mm	6 1/4" (15.9cm)	AU IN
23-1421AU	10 1/2" (26.7cm)	Straight	1.2mm	6 1/4" (15.9cm)	AU IN
23-1433AU	10 1/2" (26.7cm)	Angled Up 45 Degrees	0.7mm	6 1/4" (15.9cm)	AU IN



Straight Tips

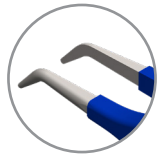


45 Degree Angled Tips

12-1175AU



12-1280NS



Iris Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1175AU	3 1/2" (8.9cm)	Straight, Non-Stick	0.4mm	-	AU
12-1275NS	3 1/2" (8.9cm)	Straight, Non-Stick	0.4mm	-	NS
12-1075	3 1/2" (8.9cm)	Straight	0.4mm	-	SS
12-1180AU	3 1/2" (8.9cm)	Curved, Non-Stick	0.4mm	-	AU
12-1280NS	3 1/2" (8.9cm)	Curved, Non-Stick	0.4mm	-	NS
12-1080	3 1/2" (8.9cm)	Curved	0.4mm	-	SS
12-1085	3 3/8" (8.6cm)	Curved, Insulated	0.5mm	-	SS IN

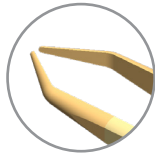
10-3402AU



Jewelers Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-3402AU	4" (10.2cm)	Straight, Non-Stick, Insulated	0.4mm	-	AU IN
10-3442AU	5 1/4" (13.3cm)	Non-Stick, Insulated	0.4mm	-	AU IN
10-3202NS	4" (10.2cm)	Straight, Non-Stick, Insulated	0.4mm	-	NS IN
10-3002	4" (10.2cm)	Straight, Insulated	0.4mm	-	SS IN
10-3100AU	4" (10.2cm)	Straight, Non-Stick	0.4mm	-	AU
10-3200NS	4" (10.2cm)	Straight, Non-Stick	0.4mm	-	NS
10-3000	4" (10.2cm)	Straight	0.4mm	-	SS
10-3101AU	4" (10.2cm)	Curved, Non-Stick	0.4mm	-	AU
10-3201NS	4" (10.2cm)	Curved, Non-Stick	0.4mm	-	NS
10-3001	4" (10.2cm)	Curved	0.4mm	-	SS

10-3105AU



Tenzel Bipolar Forceps with Stop

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-3105AU	4" (10.2cm)	Non-Stick	0.4mm	-	AU
10-3205NS	4" (10.2cm)	Non-Stick	0.4mm	-	NS
10-3005	4" (10.2cm)	-	0.4mm	-	SS



12-1190AU



Coaptation Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1192AU	4" (10.2cm)	Nadler Style, Non-Stick with Spacer	0.4mm	-	AU
12-1292NS	4" (10.2cm)	Nadler Style, Non-Stick with Spacer	0.4mm	-	NS
12-1092	4" (10.2cm)	Nadler Style, with Spacer	0.4mm	-	SS
12-1190AU	4 1/4" (10.8cm)	Non-Stick	0.5mm	-	AU
12-1290NS	4 1/4" (10.8cm)	Non-Stick	0.5mm	-	NS
12-1090	4 1/4" (10.8cm)	-	0.5mm	-	SS
12-1195AU	4 1/4" (10.8cm)	Non-Stick, X-fine	0.4mm	-	AU
12-1295NS	4 1/4" (10.8cm)	Non-Stick, X-fine	0.4mm	-	NS
12-1095	4 1/4" (10.8cm)	X-fine	0.4mm	-	SS

10-3415AU



Adson Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-3415AU	5" (12.7cm)	Non-Stick, Insulated	1.0mm	-	AU IN
10-3215NS	5" (12.7cm)	Non-Stick, Insulated	1.0mm	-	NS IN
10-3015	5" (12.7cm)	Insulated	1.0mm	-	SS IN
10-3110AU	5" (12.7cm)	Non-Stick	1.0mm	-	AU
10-3210NS	5" (12.7cm)	Non-Stick	1.0mm	-	NS
10-3010	5" (12.7cm)	-	1.0mm	-	SS

12-1140AU



Semkin Straight Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-1140AU	5 1/2" (14cm)	Non-Stick with Stop	0.7mm	-	AU
12-1240NS	5 1/2" (14cm)	Non-Stick with Stop	0.7mm	-	NS
12-1040	5 1/2" (14cm)	With Stop	0.7mm	-	SS
12-1445AU	6" (15.2cm)	Non-Stick, Insulated	1.5mm	-	AU IN
12-1245NS	6" (15.2cm)	Non-Stick, Insulated	1.5mm	-	NS IN
12-1045	6" (15.2cm)	Insulated	1.5mm	-	SS IN

10-2402AU



Cushing Straight Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-2100AU	6" (15.2cm)	Non-Stick	0.7mm	-	AU
10-2200NS	6" (15.2cm)	Non-Stick	0.7mm	-	NS
10-2000	6" (15.2cm)	-	0.7mm	-	SS
10-2402AU	7" (17.8cm)	Non-Stick, Insulated	1.5mm	-	AU IN
10-2202NS	7" (17.8cm)	Non-Stick, Insulated	1.5mm	-	NS IN
10-2002	7" (17.8cm)	Insulated	1.5mm	-	SS IN
10-2101AU	7" (17.8cm)	Non-Stick	1.5mm	-	AU
10-2201NS	7" (17.8cm)	Non-Stick	1.5mm	-	NS
10-2001	7" (17.8cm)	-	1.5mm	-	SS

11-1402AU



Gerald Straight Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
11-1402AU	7" (17.8cm)	Non-Stick, Insulated	1.0mm	-	AU IN
11-1202NS	7" (17.8cm)	Non-Stick, Insulated	1.0mm	-	NS IN
11-1002	7" (17.8cm)	Insulated	1.0mm	-	SS IN
11-1100AU	7" (17.8cm)	Non-Stick	1.0mm	-	AU
11-1200NS	7" (17.8cm)	Non-Stick	1.0mm	-	NS
11-1000	7" (17.8cm)	-	1.0mm	-	SS

15-2105



15-3105



Titanium Straight Bipolar Forceps

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
15-2103	3 1/2" (8.9cm)	Jewelers, 30 Degree Angle	0.4mm	-	Ti
15-2104	3 1/2" (8.9cm)	Jewelers, Curved	0.4mm	-	Ti
15-2105	3 1/2" (8.9cm)	Jewelers, Straight	0.4mm	-	Ti
15-2107	3 3/4" (9.5cm)	Iris, Curved with Stop	0.5mm	-	Ti
15-2108	3 3/4" (9.5cm)	Eye with Stop	0.4mm	-	Ti
15-2109	4" (10.2cm)	Coaptation, Curved with Stop	0.5mm	-	Ti
15-3103	4 1/4" (10.8cm)	Jewelers, 90 Degree Angle	0.4mm	-	Ti
15-3104	4 1/4" (10.8cm)	Jewelers, Straight	0.4mm	-	Ti
15-3110	4 1/2" (11.4cm)	Straight	0.4mm	-	Ti
15-3109	4 1/2" (11.4cm)	Reverse Angle	0.4mm	-	Ti
15-3101	4 3/4" (12.1cm)	Wide Serrations, Straight	0.4mm	-	Ti
15-3105	4 3/4" (12.1cm)	Fine Serrations, Straight	0.4mm	-	Ti
15-5110	6" (15.2cm)	Straight	0.25mm	-	Ti
15-5112	6" (15.2cm)	Straight	0.5mm	-	Ti



Titanium Bayonet AURA Non-Stick Bipolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
15-1400AU	7 1/2" (19.1cm)	Cushing	0.7mm	3 1/2" (8.9cm)	Ti AU IN
15-2404AU	7 1/2" (19.1cm)	Cushing	2.0mm	3 1/2" (8.9cm)	Ti AU IN
15-1403AU	7 3/4" (19.7cm)	Scoville-Greenwood	1.5mm	2 3/4" (7cm)	Ti AU IN
15-1432AU	8 3/4" (22.2cm)	Hardy with Stop	1.5mm	4 1/2" (11.4cm)	Ti AU IN
15-1433AU	8 3/4" (22.2cm)	Hardy with Stop	1.2mm	4 1/2" (11.4cm)	Ti AU IN
15-1434AU	8 3/4" (22.2cm)	Hardy with Stop	0.7mm	4 1/2" (11.4cm)	Ti AU IN
15-1435AU	8 3/4" (22.2cm)	Hardy with Stop	0.5mm	4 1/2" (11.4cm)	Ti AU IN
15-1436AU	9 3/4" (24.8cm)	Hardy with Stop	0.5mm	5 1/2" (14cm)	Ti AU IN
15-1437AU	9 3/4" (24.8cm)	Hardy with Stop	1.0mm	5 1/2" (14cm)	Ti AU IN
15-1438AU	9 3/4" (24.8cm)	Hardy with Stop	1.5mm	5 1/2" (14cm)	Ti AU IN
15-5401AU	8 3/4" (22.2cm)	With Stop	1.5mm	3 3/4" (9.5cm)	Ti AU IN
15-5402AU	8 3/4" (22.2cm)	With Stop	0.5mm	3 3/4" (9.5cm)	Ti AU IN
15-5403AU	8 3/4" (22.2cm)	With Stop	1.0mm	3 3/4" (9.5cm)	Ti AU IN
15-5404AU	8 3/4" (22.2cm)	With Stop, Angled Up	0.5mm	3 3/4" (9.5cm)	Ti AU IN



Kirwan Round Handle Bayonet AURA Non-Stick Bipolar Forceps with Stop

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
12-5100AU	8 1/2" (21.6cm)	-	0.7mm	3" (7.6cm)	AU
12-5101AU	8 1/2" (21.6cm)	-	1.0mm	3" (7.6cm)	AU
12-5102AU	8 1/2" (21.6cm)	-	1.3mm	3" (7.6cm)	AU
12-5103AU	8 1/2" (21.6cm)	-	1.5mm	3" (7.6cm)	AU
12-5104AU	9 1/2" (24.1cm)	-	0.7mm	4" (10.2cm)	AU
12-5105AU	9 1/2" (24.1cm)	-	1.0mm	4" (10.2cm)	AU
12-5106AU	9 1/2" (24.1cm)	-	1.3mm	4" (10.2cm)	AU
12-5107AU	9 1/2" (24.1cm)	-	1.5mm	4" (10.2cm)	AU
12-5108AU	10 1/2" (26.7cm)	-	0.7mm	5" (12.7cm)	AU
12-5109AU	10 1/2" (26.7cm)	-	1.0mm	5" (12.7cm)	AU
12-5110AU	10 1/2" (26.7cm)	-	1.3mm	5" (12.7cm)	AU
12-5111AU	10 1/2" (26.7cm)	-	1.5mm	5" (12.7cm)	AU



Narrow Line Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
24-1421EAU	6 1/4" (15.9cm)	-	0.2mm	1 5/8" (4cm)	AU IN
24-1422EAU	6 1/4" (15.9cm)	-	0.5mm	1 5/8" (4cm)	AU IN
24-1423EAU	6 1/4" (15.9cm)	-	0.7mm	1 5/8" (4cm)	AU IN
24-1424EAU	6 1/4" (15.9cm)	-	1.0mm	1 5/8" (4cm)	AU IN
24-1425EAU	6 1/4" (15.9cm)	-	1.2mm	1 5/8" (4cm)	AU IN
24-1427EAU	6 1/4" (15.9cm)	-	2.0mm	1 5/8" (4cm)	AU IN
24-1430EAU	7" (17.8cm)	-	0.1mm	2 3/8" (6cm)	AU IN
24-1431EAU	7" (17.8cm)	-	0.2mm	2 3/8" (6cm)	AU IN
24-1432EAU	7" (17.8cm)	-	0.5mm	2 3/8" (6cm)	AU IN
24-1433EAU	7" (17.8cm)	-	0.7mm	2 3/8" (6cm)	AU IN
24-1434EAU	7" (17.8cm)	-	1.0mm	2 3/8" (6cm)	AU IN
24-1435EAU	7" (17.8cm)	-	1.2mm	2 3/8" (6cm)	AU IN
24-1437EAU	7" (17.8cm)	-	2.0mm	2 3/8" (6cm)	AU IN
24-1440EAU	8" (20.3cm)	-	0.1mm	3 3/8" (8.5cm)	AU IN
24-1441EAU	8" (20.3cm)	-	0.2mm	3 3/8" (8.5cm)	AU IN
24-1442EAU	8" (20.3cm)	-	0.5mm	3 3/8" (8.5cm)	AU IN
24-1443EAU	8" (20.3cm)	-	0.7mm	3 3/8" (8.5cm)	AU IN
24-1444EAU	8" (20.3cm)	-	1.0mm	3 3/8" (8.5cm)	AU IN
24-1445EAU	8" (20.3cm)	-	1.2mm	3 3/8" (8.5cm)	AU IN
24-1447EAU	8" (20.3cm)	-	2.0mm	3 3/8" (8.5cm)	AU IN
24-1448EAU	8" (20.3cm)	Angled Up 75 Degrees	1.0mm	3 3/8" (8.5cm)	AU IN
24-1449EAU	8" (20.3cm)	Angled Down 75 Degrees	1.0mm	3 3/8" (8.5cm)	AU IN



Narrow Line Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
24-1450EAU	8 3/4" (22.2cm)	-	0.1mm	4 1/8" (10.5cm)	AU IN
24-1451EAU	8 3/4" (22.2cm)	-	0.2mm	4 1/8" (10.5cm)	AU IN
24-1452EAU	8 3/4" (22.2cm)	-	0.5mm	4 1/8" (10.5cm)	AU IN
24-1453EAU	8 3/4" (22.2cm)	-	0.7mm	4 1/8" (10.5cm)	AU IN
24-1454EAU	8 3/4" (22.2cm)	-	1.0mm	4 1/8" (10.5cm)	AU IN
24-1455EAU	8 3/4" (22.2cm)	-	1.2mm	4 1/8" (10.5cm)	AU IN
24-1457EAU	8 3/4" (22.2cm)	-	2.0mm	4 1/8" (10.5cm)	AU IN
24-1458EAU	8 3/4" (22.2cm)	Angled Up 75 Degrees	1.0mm	4 1/8" (10.5cm)	AU IN
24-1459EAU	8 3/4" (22.2cm)	Angled Down 75 Degrees	1.0mm	4 1/8" (10.5cm)	AU IN
24-1460EAU	10" (25.4cm)	-	0.1mm	5 1/2" (14cm)	AU IN
24-1461EAU	10" (25.4cm)	-	0.2mm	5 1/2" (14cm)	AU IN
24-1462EAU	10" (25.4cm)	-	0.5mm	5 1/2" (14cm)	AU IN
24-1463EAU	10" (25.4cm)	-	0.7mm	5 1/2" (14cm)	AU IN
24-1464EAU	10" (25.4cm)	-	1.0mm	5 1/2" (14cm)	AU IN
24-1465EAU	10" (25.4cm)	-	1.2mm	5 1/2" (14cm)	AU IN
24-1467EAU	10" (25.4cm)	-	2.0mm	5 1/2" (14cm)	AU IN
24-1468EAU	10" (25.4cm)	Angled Up 75 Degrees	1.0mm	5 1/2" (14cm)	AU IN
24-1469EAU	10" (25.4cm)	Angled Down 75 Degrees	1.0mm	5 1/2" (14cm)	AU IN



21-1408EAU



21-1412EAU



21-1416EAU

3-Hole Yasargil Style Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
21-1442EAU	6" (15.2cm)	-	0.2mm	1 3/8" (3.5cm)	AU IN
21-1406EAU	6" (15.2cm)	-	0.4mm	1 3/8" (3.5cm)	AU IN
21-1407EAU	6" (15.2cm)	-	0.7mm	1 3/8" (3.5cm)	AU IN
21-1408EAU	6" (15.2cm)	-	1.0mm	1 3/8" (3.5cm)	AU IN
21-1409EAU	6" (15.2cm)	-	1.3mm	1 3/8" (3.5cm)	AU IN
21-1443EAU	7" (17.8cm)	-	0.2mm	2 3/8" (6cm)	AU IN
21-1410EAU	7" (17.8cm)	-	0.4mm	2 3/8" (6cm)	AU IN
21-1411EAU	7" (17.8cm)	-	0.7mm	2 3/8" (6cm)	AU IN
21-1412EAU	7" (17.8cm)	-	1.0mm	2 3/8" (6cm)	AU IN
21-1413EAU	7" (17.8cm)	-	1.3mm	2 3/8" (6cm)	AU IN
21-1444EAU	7 3/4" (19.7cm)	-	0.2mm	3" (7.6cm)	AU IN
21-1414EAU	7 3/4" (19.7cm)	-	0.4mm	3" (7.6cm)	AU IN
21-1415EAU	7 3/4" (19.7cm)	-	0.7mm	3" (7.6cm)	AU IN
21-1416EAU	7 3/4" (19.7cm)	-	1.0mm	3" (7.6cm)	AU IN
21-1417EAU	7 3/4" (19.7cm)	-	1.3mm	3" (7.6cm)	AU IN



21-1420EAU



21-1424EAU



21-1428EAU

3-Hole Yasargil Style Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
21-1445EAU	8 1/2" (21.6cm)	-	0.2mm	3 3/4" (9.5cm)	AU IN
21-1418EAU	8 1/2" (21.6cm)	-	0.4mm	3 3/4" (9.5cm)	AU IN
21-1419EAU	8 1/2" (21.6cm)	-	0.7mm	3 3/4" (9.5cm)	AU IN
21-1420EAU	8 1/2" (21.6cm)	-	1.0mm	3 3/4" (9.5cm)	AU IN
21-1421EAU	8 1/2" (21.6cm)	-	1.3mm	3 3/4" (9.5cm)	AU IN
21-1446EAU	9 1/4" (23.5cm)	-	0.2mm	4 1/2" (11.4cm)	AU IN
21-1422EAU	9 1/4" (23.5cm)	-	0.4mm	4 1/2" (11.4cm)	AU IN
21-1423EAU	9 1/4" (23.5cm)	-	0.7mm	4 1/2" (11.4cm)	AU IN
21-1424EAU	9 1/4" (23.5cm)	-	1.0mm	4 1/2" (11.4cm)	AU IN
21-1425EAU	9 1/4" (23.5cm)	-	1.3mm	4 1/2" (11.4cm)	AU IN
21-1447EAU	10 1/4" (26cm)	-	0.2mm	5 1/2" (14cm)	AU IN
21-1426EAU	10 1/4" (26cm)	-	0.4mm	5 1/2" (14cm)	AU IN
21-1427EAU	10 1/4" (26cm)	-	0.7mm	5 1/2" (14cm)	AU IN
21-1428EAU	10 1/4" (26cm)	-	1.0mm	5 1/2" (14cm)	AU IN
21-1429EAU	10 1/4" (26cm)	-	1.3mm	5 1/2" (14cm)	AU IN



10-2404EAU



10-1403EAU



12-1434EAU

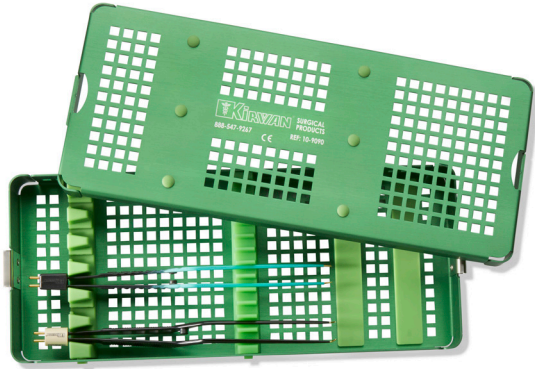
Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
10-1403EAU	7 3/4" (19.7cm)	Scoville-Greenwood	1.5mm	2 3/4" (7cm)	AU IN
12-1400EAU	7 1/2" (19.1cm)	Cushing	0.7mm	3 1/2" (8.9cm)	AU IN
10-2404EAU	7 1/2" (19.1cm)	Cushing	2.0mm	3 1/2" (8.9cm)	AU IN
10-5400EAU	8 3/4" (22.2cm)	Lightweight Handle	1.0mm	3 3/4" (9.5cm)	AU IN
10-5401EAU	8 3/4" (22.2cm)	With Stop	1.5mm	3 3/4" (9.5cm)	AU IN
10-5402EAU	8 3/4" (22.2cm)	With Stop	0.5mm	3 3/4" (9.5cm)	AU IN
10-5403EAU	8 3/4" (22.2cm)	With Stop	1.0mm	3 3/4" (9.5cm)	AU IN
10-5404EAU	8 3/4" (22.2cm)	With Stop, Angled Up	0.5mm	3 3/4" (9.5cm)	AU IN
12-1432EAU	8 3/4" (22.2cm)	Hardy, with Stop	1.5mm	4 1/2" (11.4cm)	AU IN
12-1433EAU	8 3/4" (22.2cm)	Hardy, with Stop	1.2mm	4 1/2" (11.4cm)	AU IN
12-1434EAU	8 3/4" (22.2cm)	Hardy, with Stop	0.7mm	4 1/2" (11.4cm)	AU IN
12-1435EAU	8 3/4" (22.2cm)	Hardy, with Stop	0.5mm	4 1/2" (11.4cm)	AU IN
12-1436EAU	9 3/4" (24.8cm)	Hardy, with Stop	0.5mm	5 1/2" (14cm)	AU IN
12-1437EAU	9 3/4" (24.8cm)	Hardy, with Stop	1.0mm	5 1/2" (14cm)	AU IN
12-1438EAU	9 3/4" (24.8cm)	Hardy, with Stop	1.5mm	5 1/2" (14cm)	AU IN

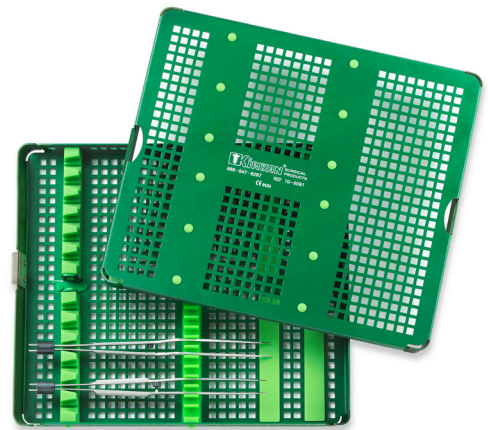


Yasargil Bayonet AURA Non-Stick Bipolar Forceps, Insulated, with EU Connector

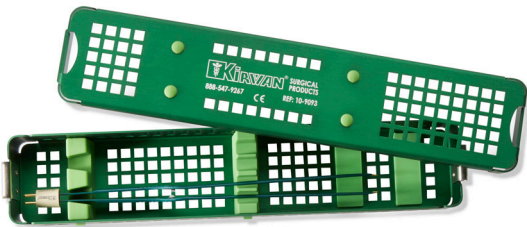
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
20-1410EAU	6 1/4" (15.9cm)	-	0.5mm	2 3/8" (6cm)	AU IN
20-1411EAU	6 1/4" (15.9cm)	-	0.7mm	2 3/8" (6cm)	AU IN
20-1412EAU	6 1/4" (15.9cm)	-	1.0mm	2 3/8" (6cm)	AU IN
20-1413EAU	6 1/4" (15.9cm)	-	1.3mm	2 3/8" (6cm)	AU IN
20-1414EAU	7 1/8" (18.1cm)	-	0.5mm	3 1/4" (8.3cm)	AU IN
20-1415EAU	7 1/8" (18.1cm)	-	0.7mm	3 1/4" (8.3cm)	AU IN
20-1416EAU	7 1/8" (18.1cm)	-	1.0mm	3 1/4" (8.3cm)	AU IN
20-1417EAU	7 1/8" (18.1cm)	-	1.3mm	3 1/4" (8.3cm)	AU IN
20-1418EAU	7 7/8" (20cm)	-	0.5mm	4" (10.2cm)	AU IN
20-1419EAU	7 7/8" (20cm)	-	0.7mm	4" (10.2cm)	AU IN
20-1420EAU	7 7/8" (20cm)	-	1.0mm	4" (10.2cm)	AU IN
20-1421EAU	7 7/8" (20cm)	-	1.3mm	4" (10.2cm)	AU IN



ITEM #	DESCRIPTION
10-9090	Sterilizing Tray for Six (6) Bayonet Forceps

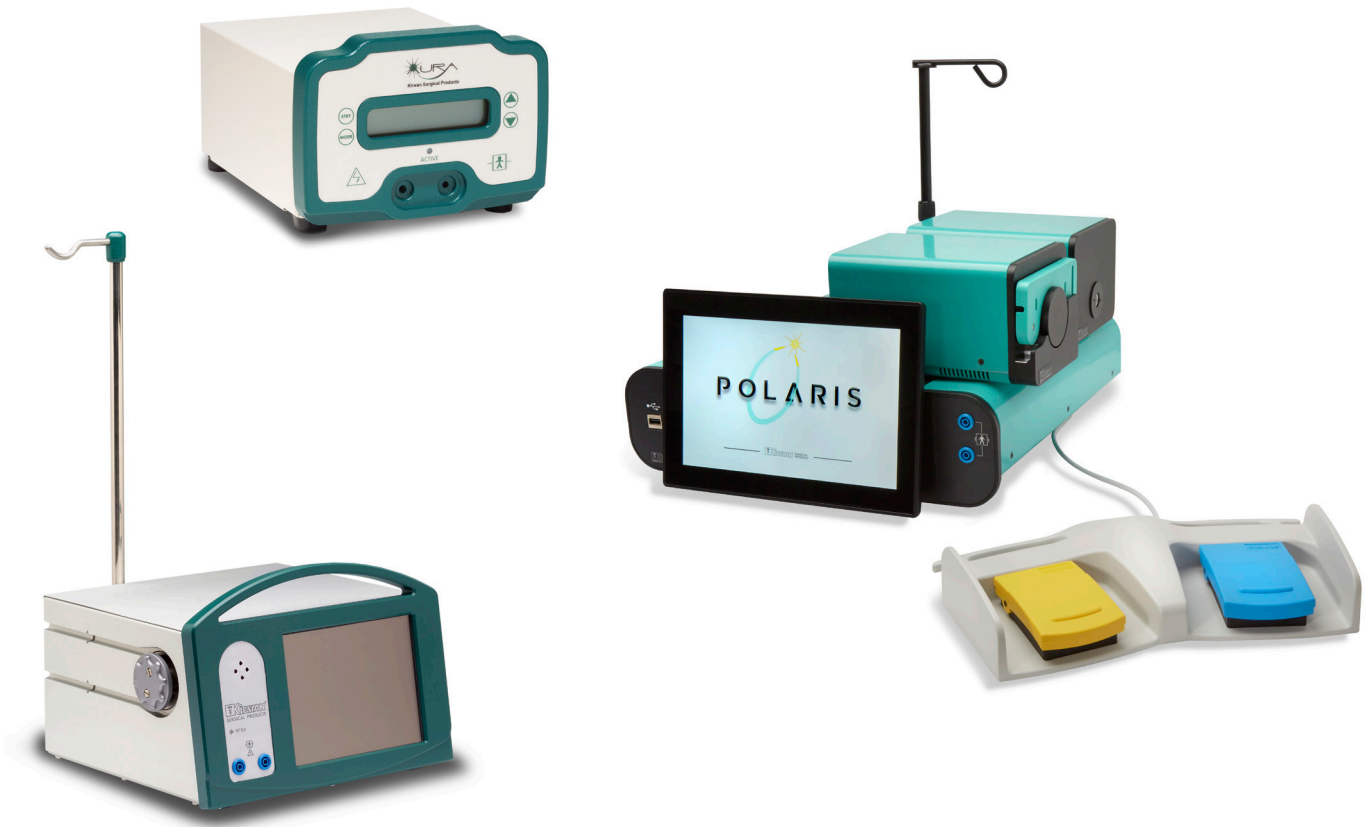


ITEM #	DESCRIPTION
10-9091	Sterilizing Tray for Twelve (12) Bayonet Forceps



ITEM #	DESCRIPTION
10-9093	Sterilizing Tray for Two (2) Bayonet Forceps

ITEM #	DESCRIPTION
10-9095	Silicone Inserts for the 10-9090 and 10-9091 (1 set of 6) (2 sets required for 10-9091)
10-9096	Locks for the 10-9090, 10-9091 and 10-9093



BIPOLAR COAGULATORS

Kirwan Surgical provides a comprehensive range of bipolar generators, including the popular 20-watt AURA and the innovative modular POLARIS bipolar generator system.

The compact 20-watt AURA generator, weighing under two pounds, is ideal for use in office environments and can be conveniently transported between surgical rooms.

The 70-watt AURA model includes a user-friendly touch screen for direct interaction and is available with an optional integrated peristaltic irrigation pump.

The latest addition to the lineup is the 80-watt POLARIS modular bipolar system, designed for field upgrades to keep pace with the latest software and technological advancements. Its capacitive touch screen enables dynamic control and can accommodate up to 31 user profiles. The POLARIS generator features distinct output options for cutting and coagulation, and its modular chassis can support up to four independent accessories, including irrigation and illumination.

ITEM #	DESCRIPTION
29-1000	POLARIS Bipolar Generator with footswitch



ITEM #	DESCRIPTION
29-1600	POLARIS Irrigation Module 



ITEM #	DESCRIPTION
29-1900	POLARIS Light Source Module

ITEM #	DESCRIPTION	FEATURES
28-2000	AURA 70W bipolar coagulator with footswitch	
28-2000P	Complete package includes: 28-2000 AURA 70W bipolar coagulator, 2 AURA non-irrigating forceps, a 2-forceps instrument tray, 2 boxes of disposable bipolar cords, 1 rolling generator stand	
28-2600	AURA Plus 110/220V 70W bipolar irrigating coagulator with footswitch	💧
28-2600W	AURA Plus 110/220V 70W bipolar irrigating coagulator with weighted round footswitch	💧
28-2600P	Complete package includes: 28-2600 AURA 70W bipolar irrigating coagulator, 2 AURA irrigating forceps, a 2-forceps instrument tray, 2 boxes of irrigating tubing sets, 1 rolling generator stand	💧

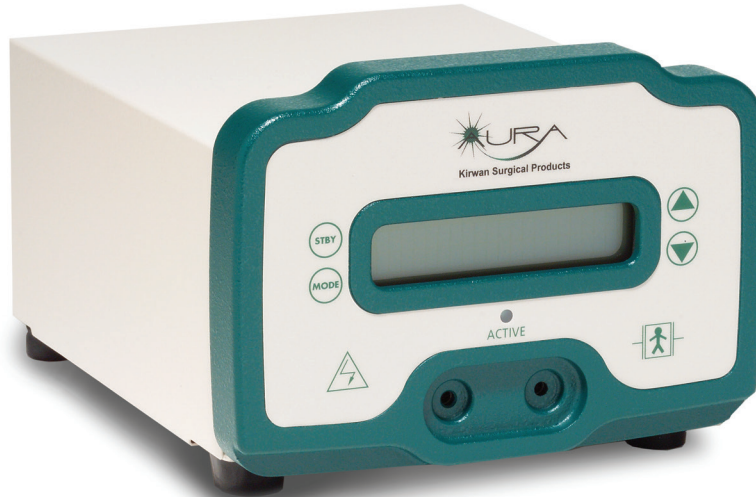
28-2600



ITEM #	DESCRIPTION
10-9070	Generator stand for 70W bipolar coagulators

ITEM #	DESCRIPTION
26-2500	AURA 110/220V 20W bipolar coagulator with footswitch
26-2500P	Complete package includes: 26-2500 AURA 20W bipolar coagulator, 2 boxes of disposable cords, 1 reusable forceps

26-2500

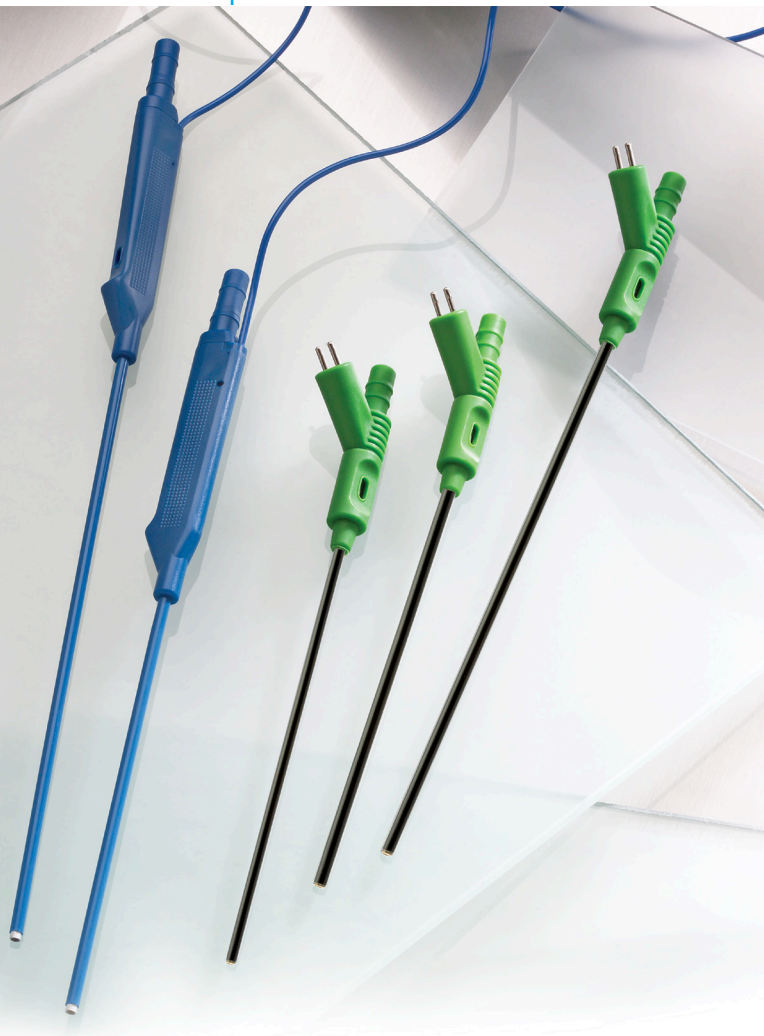


SUCTION COAGULATORS

Kirwan Surgical offers a variety of disposable monopolar and bipolar suction coagulators, each designed with cutting-edge performance and safety features.

The monopolar suction coagulators are equipped with a built-in duck-billed valve that effectively prevents the escape of potentially electrified fluids through the finger valve. Additionally, the non-stick monopolar options feature a ferruled tip, enabling coagulation at lower power settings, which minimizes tissue adherence and charring, thereby facilitating faster patient recovery.

The bipolar suction coagulators are designed for discrete tissue coagulation at low bipolar settings, reducing peripheral tissue damage and enhancing healing times. The non-stick bipolar suction coagulators are malleable and come in fifteen distinct styles, including three lengths and four French sizes, with both straight and curved tip configurations.





14-9034



14-9043



Disposable Bipolar Suction Coagulators

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
14-9000	7 1/2" (19.1cm)	8 French	IN
14-9001	7 1/2" (19.1cm)	11 French	IN
14-9002	5 1/2" (14cm)	13 French	IN
14-9004	5 1/2" (14cm)	15 French	IN
14-9006	7 1/2" (19.1cm)	13 French	IN
14-9008	7 1/2" (19.1cm)	15 French	IN
14-9020	5 1/2" (14cm)	15 1/2 French, Angled/Chiseled Tip	IN
14-9030	11" (27.9cm)	8 French	IN
14-9031	11" (27.9cm)	11 French	IN
14-9032	11" (27.9cm)	13 French	IN
14-9034	11" (27.9cm)	15 French	IN
14-9041	7 1/2" (19.1cm)	8 French, Angled Up	IN
14-9042	7 1/2" (19.1cm)	8 French, Angled Down	IN
14-9043	7 1/2" (19.1cm)	11 French, Angled Up	IN
14-9044	7 1/2" (19.1cm)	11 French, Angled Down	IN

30-5201



30-5220AU



Disposable Monopolar Suction Coagulators with 10' Resectoscope Pin Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-5200	5 1/2" (14cm)	10 French	IN
30-5200AU	5 1/2" (14cm)	10 French, Ferrule Tip	IN
30-5201	8" (20.3cm)	10 French	IN
30-5201AU	8" (20.3cm)	10 French, Ferrule Tip	IN
30-5220AU	3 1/2" (8.9cm)	8 French, Ferrule Tip	IN

MICRODISSECTION NEEDLES, ELECTRODES & HANDLES

Kirwan Surgical Products' Microdissection Needles are highly effective at focusing monopolar energy on target tissue, resulting in a precise cut with minimal burning or charring. These needles are specifically designed to minimize damage to peripheral tissue.

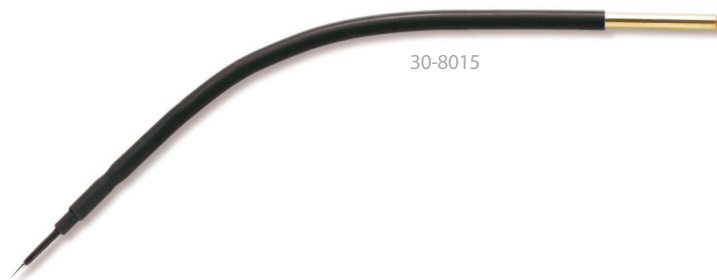
Made of tungsten, our needles can withstand the rigors of monopolar electrosurgery while maintaining an extremely sharp point for accurate dissection. The needle is also insulated with a high temperature dielectric coating, ensuring that the energy stays confined to the tip for maximum precision. To ensure compatibility, our tungsten needle is set into a stainless-steel holder that fits a standard cutting/coagulation handpiece.





Disposable Tungsten Microdissection Needle, Insulated, Straight

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-8000	1 1/4" (3.2cm)	-	IN
30-8002	2" (5.1cm)	Extra Fine	IN
30-8004	5 1/2" (14cm)	-	IN
30-8006	1 5/8" (4.1cm)	-	IN
30-8008	2" (5.1cm)	-	IN
30-8010	2 1/2" (6.4cm)	-	IN
30-8011	4 5/8" (11.7cm)	-	IN
30-8013	6 5/8" (16.8cm)	-	IN



ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-8015	4" (10.2cm)	Insulated, Curved	IN



Disposable Tungsten Microdissection Needle, Insulated, Angled 45 Degrees

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-8007	1 5/8" (4.1cm)	-	IN
30-8009	2" (5.1cm)	-	IN
30-8012	4 1/2" (11.4cm)	-	IN
30-8014	6 1/2" (16.5cm)	-	IN
30-8017	4 7/8" (12.4cm)	-	IN
30-8018	6 7/8" (17.5cm)	-	IN



ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-8016	5 7/8" (14.9cm)	Insulated, Curved	IN

30-6011



Disposable Monopolar Electrode, Insulated

ITEM #	TOTAL LENGTH	TIP ROD DIAMETER	INSULATION DIAMETER	DESCRIPTION	FEATURES
30-6011	30.2cm	1.37mm	1.72mm	Tapered Tip	IN
30-6012	30.2cm	1.37mm	1.72mm	Blunt Tip	IN
30-6020	25cm	1.37mm	1.72mm	Blunt Tip	IN
30-6021	25cm	1.32mm	1.67mm	Tapered Tip	IN
30-6022	25cm	1.32mm	1.67mm	Dome Tip	IN
30-6023	25cm	1.00mm	1.32mm	Dome Tip	IN

Electrode Tip Detail



Disposable Monopolar Suction Stimulator

ITEM #	WORKING LENGTH	DESCRIPTION	FEATURES
41-9012	8cm	5 French	IN
41-9014	10cm	5 French	IN
41-9016	13cm	5 French	IN
41-9022	8cm	7 French	IN
41-9024	10cm	7 French	IN
41-9026	13cm	7 French	IN
41-9032	8cm	10 French	IN
41-9034	10cm	10 French	IN
41-9036	13cm	10 French	IN
41-9042	8cm	12 French	IN
41-9044	10cm	12 French	IN
41-9046	13cm	12 French	IN

30-6001



Reusable Monopolar Electrode, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-6001	15" (38.1cm)	Hook Tip	IN
30-6002	15" (38.1cm)	Spoon Tip	IN
30-6003	15" (38.1cm)	Spatula Tip	IN
30-6004	15" (38.1cm)	Knife Tip	IN

30-4003



Reusable Monopolar Chuck Handle

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-4000	6" (15.2cm)	With 6' Cord	-
30-4001	6" (15.2cm)	With 10' Cord	-
30-4002	6" (15.2cm)	With 15' Cord	-
30-4003	8 1/2" (21.6cm)	With 6' Cord	-
30-4004	8 1/2" (21.6cm)	With 10' Cord	-
30-4005	8 1/2" (21.6cm)	With 15' Cord	-

30-4100



Reusable Monopolar Cut & Coag Push Button Pencil

ITEM #	TOTAL LENGTH	DESCRIPTION	FEATURES
30-4100	-	With 10' Cord	-

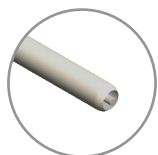
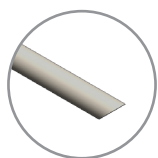
BIPOLAR PENCILS

Kirwan Surgical Products produces a range of bipolar pencils that are specifically designed for precise hemostasis in delicate tissue structures. The key feature of these pencils is the insulated wire and sleeve, which form a coaxial harness assembly. This assembly extends from the rear pins to the front of the instrument, with the coagulation area limited to the space between these two elements. This ensures discrete coagulation without causing excessive damage to surrounding tissue structures.

The bipolar pencils are made from a single-piece injection molded construction, ensuring a solid and seamless design. This eliminates the risk of fluid seepage, which could potentially lead to product failure. The knurled finish on the exterior surface of the pencil provides a non-slip grip, while an indicator at the front-end confirms the tip orientation. Additionally, the single-piece design allows for the use of autoclavable materials for repeated use as well as low-cost disposable materials. The bipolar pencil product line offers both reusable and disposable options.

These pencils are available in various styles and wire gauges, including 14, 18, 20, 23, 25, and 27 gauge. The reusable pencil tip configurations and working lengths vary across the product line. As with all Kirwan reusable products, the features of the reusable bipolar pencils can be customized to meet specific surgical requirements.





14-5000



14-5002



14-5004



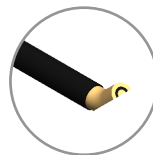
14-5011



14-5137

Disposable Bipolar Pencil

ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-5000	-	Non-Stick, Straight, Beveled	18	-	NS
14-5000N	-	Non-Stick, Straight, Black	18	-	NS
14-5002	-	Non-Stick, Curved	18	-	NS
14-5004	-	Straight	20	-	
14-5006	-	Tapered Tip, Sharp	20/23	-	
14-5006N	-	Tapered Tip, Sharp, Black	20/23	-	
14-5007	-	Straight	23	-	
14-5007L	-	Straight, Long	23	-	
14-5009	-	Tapered Tip, Blunt	20/23	-	
14-5010	-	Widestroke Dual Coag Non-Stick, 30° Angle	18	-	NS
14-5011	-	Straight	25	-	
14-5011L	-	Straight, Long	25	-	
14-5027	-	Straight	27	-	
14-5137	-	Bent, 3mm Extended Tip	23	-	



14-7012



14-7013



14-7014



14-7016

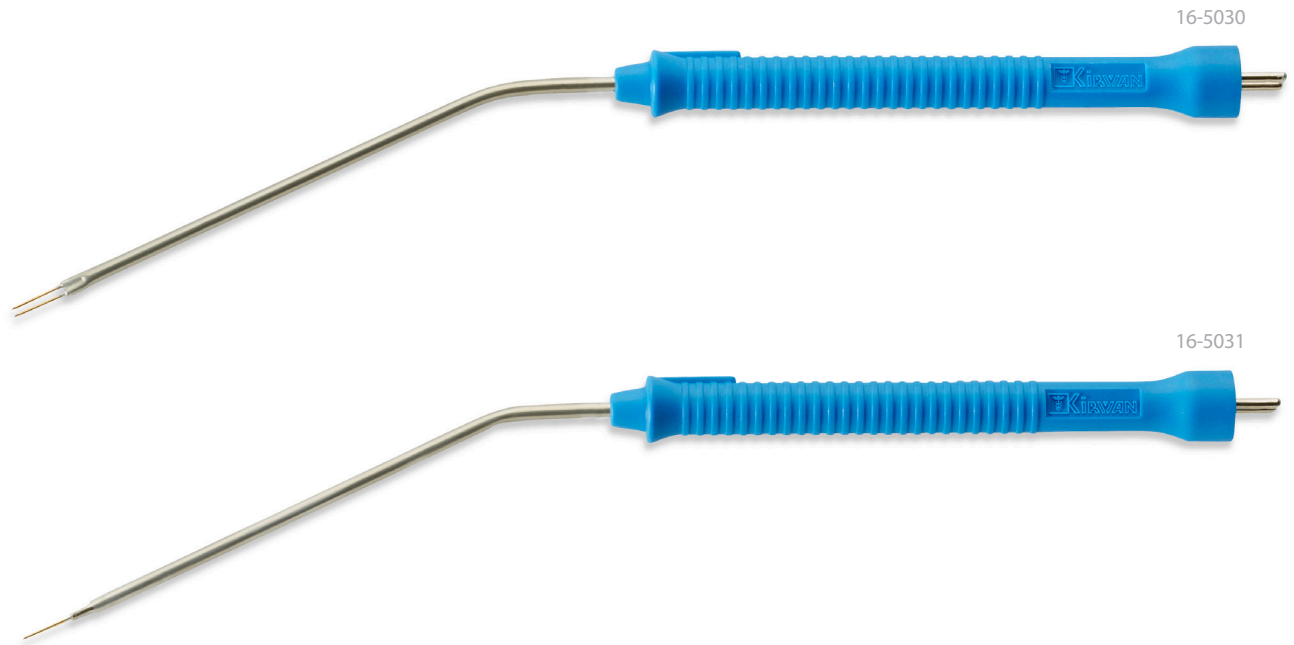


14-7018



Reusable TPR Bipolar Pencil

ITEM #	TOTAL LENGTH	DESCRIPTION	GAUGE	WORKING LENGTH	FEATURES
14-7000	-	Non-Stick, Straight	18	-	NS
14-7002	-	Non-Stick, Curved	18	-	NS
14-7006	-	Straight	20	-	-
14-7007	-	Straight	23	-	-
14-7008	-	Tapered Tip, Sharp	20/23	-	-
14-7009	-	Tapered Tip, Blunt	20/23	-	-
14-7010	-	Widestroke Dual Coag Non-Stick, 30° Angle	18	-	NS
14-7012	7" (17.8cm)	Sinusoidal Non-Stick, Straight	14	3" (7.6cm)	NS
14-7013	-	10mm Extended Center Tip	20	-	-
14-7014	7" (17.8cm)	Sinusoidal Non-Stick, Angled	14	3" (7.6cm)	NS
14-7016	8" (20.3cm)	Non-Stick, 10° Angled, Pencil Point Tip	14	4" (10.2cm)	NS
14-7017	12" (30.5cm)	Non-Stick, Dome Tip	14	8" (20.3cm)	NS
14-7018	15 3/4" (40cm)	Non-Stick, 10° Angled, Pencil Point Tip	14	11 3/4" (29.8cm)	NS

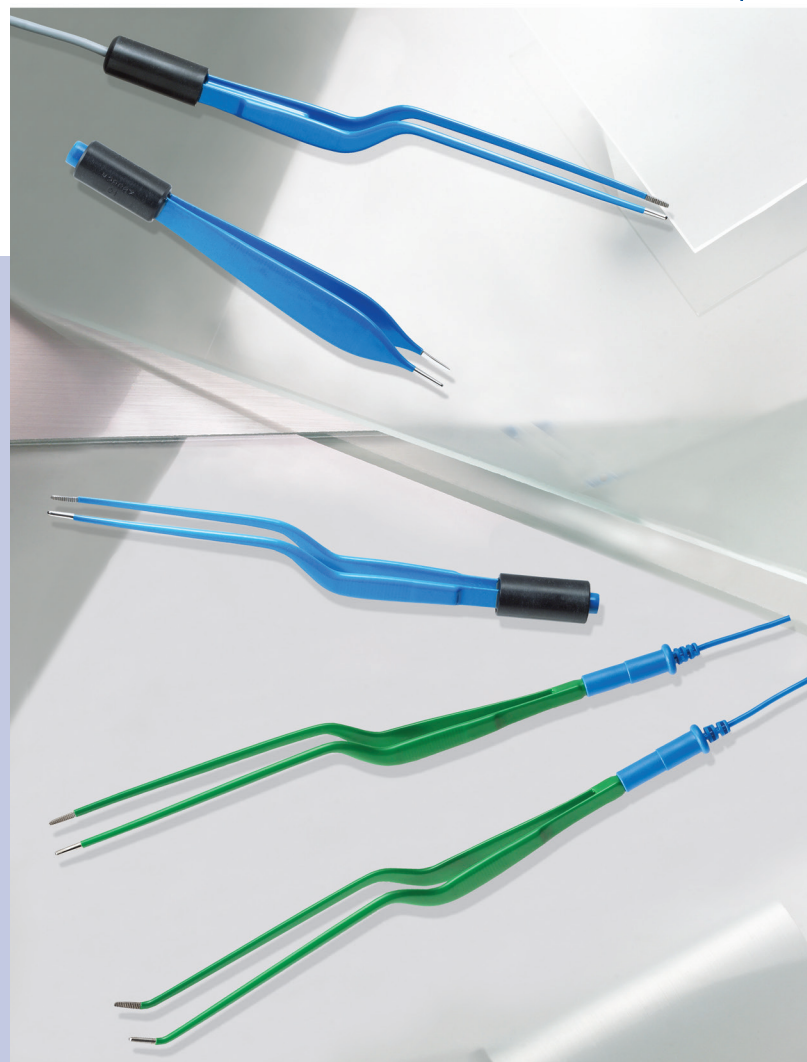


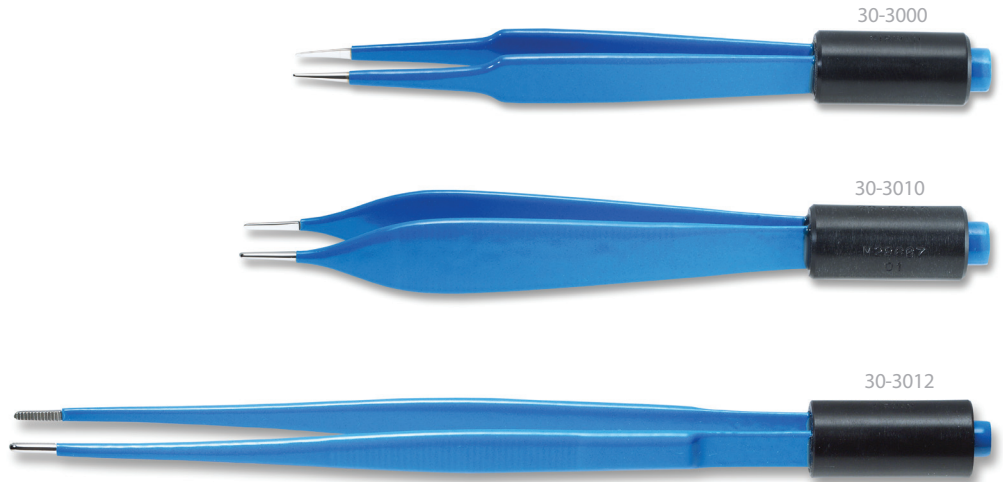
Reusable Bipolar Side by Side Probes

ITEM #	OVERALL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
16-5030	8 1/4" (21cm)	Vertical	-	-	-
16-5031	8 1/4" (21cm)	Horizontal	-	-	-

MONOPOLAR FORCEPS

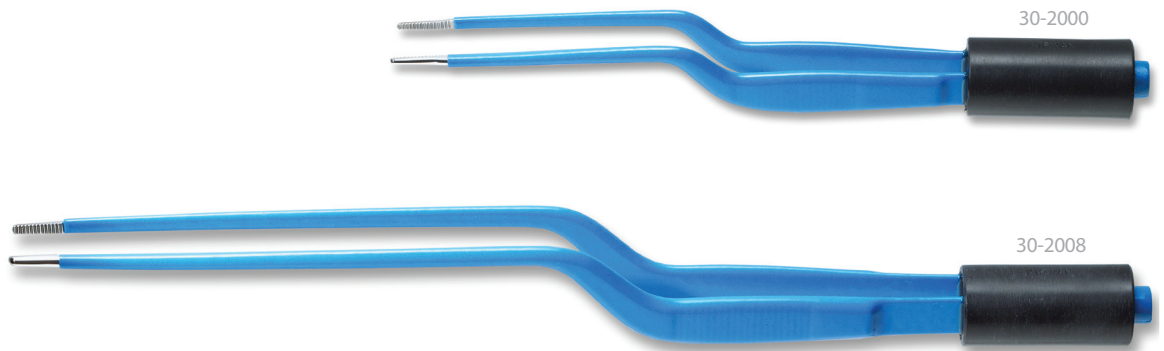
Kirwan Surgical has been producing monopolar forceps for more than three decades. Our monopolar forceps consistently uphold a high standard of excellence in both manufacturing and quality. We offer monopolar forceps in both reusable and disposable varieties, with options for straight or bayoneted handles and smooth or serrated tips. Additionally, these forceps are also offered in both handswitching and footswitching. The footswitching forceps feature a distinctive monopolar cord that securely screws into the back of the cup, enhancing safety during use.





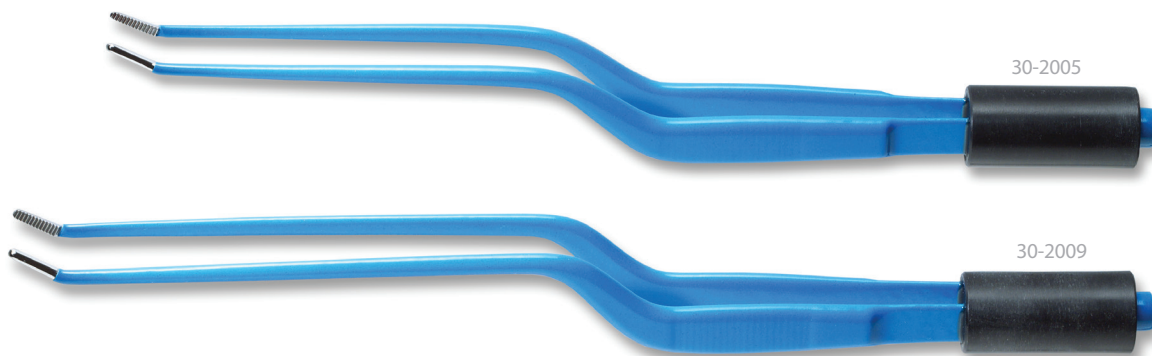
Reusable Straight Monopolar Forceps, Insulated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-3000	4 1/2" (11.4cm)	Jewelers, Smooth	0.4mm	-	SS IN
30-3010	4 3/4" (12.1cm)	Adson, Smooth	1.0mm	-	SS IN
30-3012	7" (17.8cm)	Potts-Smith, Serrated	2.0mm	-	SS IN
30-3014	8 1/4" (21cm)	Potts-Smith, Serrated	2.0mm	-	SS IN
30-3016	9 1/2" (24.1cm)	Potts-Smith, Serrated	2.0mm	-	SS IN



Reusable Bayonet Monopolar Forceps, Insulated, Serrated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-2000	5 1/4" (13.3cm)	-	1.5mm	2 1/8" (5.4cm)	SS IN
30-2002	6 1/4" (15.9cm)	-	1.5mm	3" (7.6cm)	SS IN
30-2004	7 1/2" (19.1cm)	-	2.0mm	3 1/8" (7.9cm)	SS IN
30-2008	8 1/4" (21cm)	-	2.0mm	4" (10.2cm)	SS IN



Reusable Bayonet Monopolar Forceps, Insulated, Angled, Serrated

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-2005	7 1/2" (19.1cm)	-	2.0mm	3 1/8" (7.9cm)	SS IN
30-2009	8 1/4" (21cm)	-	2.0mm	4" (10.2cm)	SS IN



Disposable Bayonet Monopolar Forceps, Insulated, Serrated with 10' Cord

ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
19-8010C	8 1/2" (21.6cm)	Straight, Potts-Smith	1.5mm	4 1/4" (10.8cm)	SS IN 2
19-8020C	9" (22.9cm)	-	2.0mm	4 1/4" (10.8cm)	SS IN 2
19-8021C	9" (22.9cm)	-	1.0mm	4 1/4" (10.8cm)	SS IN 2
19-8025C	9" (22.9cm)	Angled Up	2.0mm	4 1/4" (10.8cm)	SS IN 2
19-8026C	9" (22.9cm)	Curved	1.0mm	4 1/4" (10.8cm)	SS IN 2



30-7000



30-7001



30-7002



30-7003



30-7004



30-7005

Handswitch Monopolar Forceps, Insulated, Serrated, with 10' Cord

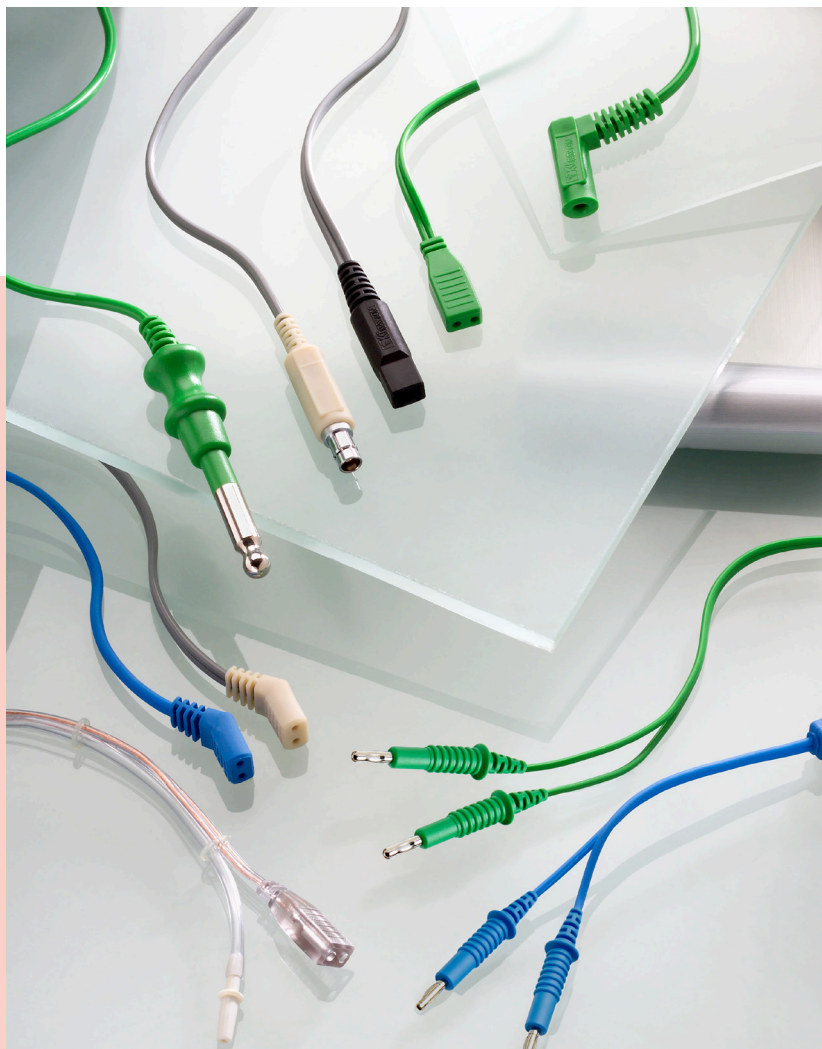
ITEM #	TOTAL LENGTH	DESCRIPTION	TIP	WORKING LENGTH	FEATURES
30-7000	5 1/2" (14cm)	-	2.0mm	3 1/8" (7.9cm)	SS IN
30-7001	5 1/2" (14cm)	Curved	2.0mm	3 1/8" (7.9cm)	SS IN
30-7002	7 1/2" (19.1cm)	-	2.0mm	3 1/4" (8.3cm)	SS IN
30-7003	7 1/2" (19.1cm)	Curved	2.0mm	3 1/4" (8.3cm)	SS IN
30-7004	8 1/2" (21.6cm)	-	2.0mm	4" (10.2cm)	SS IN
30-7005	8 1/2" (21.6cm)	Curved	2.0mm	4" (10.2cm)	SS IN

CORDS

Since 1979, Kirwan Surgical has set the industry standard in electrosurgical cords. Our cords are renowned for their flexibility and durability, while their quality is unsurpassed. The wire construction is the hallmark of all Kirwan cords. We offer a wide range of bipolar and monopolar cords, available in disposable plastic, reusable TPR, and silicone, with both straight and angled instrument connector options.

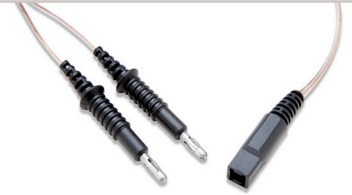
Bipolar cords, both disposable and reusable, are available with a variety of connectors compatible with numerous electrosurgical generators. The banana pin connectors are designed to fit a broad spectrum of generator barrel plug tolerances, while the spring-loaded reusable connectors are engineered to endure hundreds of sterilization cycles. Furthermore, disposable bipolar cords can include an integrated irrigation line, making them suitable for most irrigating forceps and electrosurgical generators.

Our monopolar cords, available in both disposable and reusable formats, feature eleven distinct styles and utilize either 8mm or 4mm generator plugs. The 30-1000 reusable monopolar cord is specifically designed for use with Kirwan footswitching monopolar forceps, incorporating a unique screw connector that enhances safety during surgical procedures.



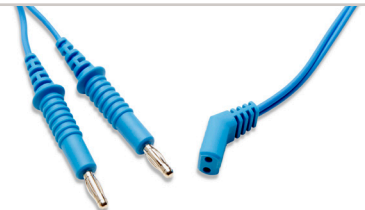
DISPOSABLE FLYING LEAD BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION	FEATURES
10-4000	12' (3.6m)	Disposable bipolar cord sterile green	Ⓝ
10-4001	12' (3.6m)	Disposable bipolar cord sterile clear	Ⓝ
10-4001A	12' (3.6m)	Disposable bipolar cord sterile clear, 90 degree angle	Ⓝ
10-4021	16.4' (5m)	Disposable bipolar cord sterile clear, bladed connector, sterile clear	Ⓝ
10-4601	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, sterile clear	Ⓝ
10-4602	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, M1000 type, sterile clear	Ⓝ
10-4611	12' (3.6m)	Disposable bipolar dual irrigation cord assembly, sterile clear	Ⓝ
10-4603	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, POLARIS, sterile clear	Ⓝ PL
10-4601A	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, 90 degree angle, sterile clear	Ⓝ
10-4602A	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, M1000 type, 90 degree angle, sterile clear	Ⓝ



REUSABLE FLYING LEAD BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION
10-5000	12' (3.6m)	Reusable TPR bipolar cord (thermoplastic rubber)
10-5000A	12' (3.6m)	Reusable TPR bipolar cord (thermoplastic rubber), 90 degree angle
10-5001	6' (1.8m)	Reusable TPR bipolar cord (thermoplastic rubber)
10-6000	12' (3.6m)	Reusable silicone bipolar cord



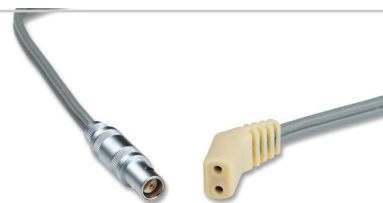
REUSABLE FLYING LEAD BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION
10-6002	12' (3.6m)	Reusable silicone bipolar scissors cord



REUSABLE BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION
10-6010	12' (3.6m)	Reusable silicone bipolar cord with Lemo plug (for Storz-type Daisy)



10-6011	12' (3.6m)	Reusable silicone bipolar cord with Lemo plug (for Storz-type Premier)
10-6012	12' (3.6m)	Reusable silicone bipolar cord with 2 Lemo plugs



10-6020	12' (3.6m)	Reusable silicone bipolar cord (with banana pins & bladed connector)
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10-6025	12' (3.6m)	Reusable silicone bipolar cord with booted forceps connector (for Wolf/Martin-type)
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10-6037	12' (3.6m)	Reusable silicone bipolar cord with Erbe-type, EU connector
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REUSABLE BIPOLAR CORDS

ITEM # LENGTH DESCRIPTION

10-6050 12' (3.6m) Reusable silicone bipolar cord with Erbe-type/Storz Millennium-type booted forceps connector



10-6055 12' (3.6m) Reusable silicone bipolar cord with Redel connector

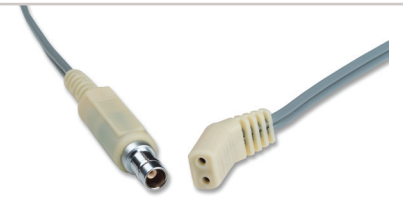


10-6060 12' (3.6m) Reusable silicone bipolar cord with Fischer plug



10-6075 12' (3.6m) Reusable silicone bipolar cord (for O.M.S. -type Phaco machine)

10-6076 6' (1.8m) Reusable silicone bipolar cord (for O.M.S. -type Phaco machine)















10-7001 12' (3.6m) Reusable silicone bipolar handswitch cord



10-7050 6'4" (1.9m) Reusable blue silicone coaxial cord (for D.O.R.C. -type Phaco)

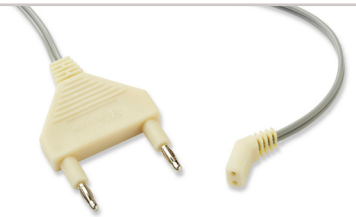


DISPOSABLE FIXED PIN BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION	FEATURES	
10-4001J	12' (3.6m)	Disposable bipolar cord with fixed pins, 38mm, sterile clear		
10-4001R	12' (3.6m)	Disposable bipolar cord with fixed pins, 22mm, sterile clear		
10-4000V	12' (3.6m)	Disposable bipolar cord with fixed pins, 28.6mm, sterile green		
10-4001V	12' (3.6m)	Disposable bipolar cord with fixed pins, 28.6mm, sterile clear		
10-4601J	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly with fixed pins, 38mm, sterile clear		
10-4602J	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly, M1000 type with fixed pins, 38mm, sterile clear		
10-4601V	12' (3.6m)	Disposable bipolar irrigation tube and cord assembly with fixed pins, 28.6mm, sterile clear		

REUSABLE FIXED PIN BIPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION
10-5000R	12' (3.6m)	Reusable TPR bipolar cord with fixed pins, 22mm
10-6000R	12' (3.6m)	Reusable silicone bipolar cord with fixed pins, 22mm
10-5000V	12' (3.6m)	Reusable TPR bipolar cord with fixed pins, 28.6mm
10-6000V	12' (3.6m)	Reusable silicone bipolar cord with fixed pins, 28.6mm
10-6000J	12' (3.6m)	Reusable silicone bipolar cord with fixed pins, 38mm
10-6009	12' (3.6m)	Reusable silicone bipolar cord with flexible molded plug
10-6020J	12' (3.6m)	Reusable silicone bipolar cord with fixed pins, 38mm, EU connector
10-6029	12' (3.6m)	Reusable silicone bipolar cord with flexible molded plug, EU connector



ITEM # DESCRIPTION

10-6500 Reusable bipolar Erbe-type/Storz-Millennium-type adapter (Erbe-type to banana pin)



10-6575 Reusable O.M.S.-type Phaco machine adapter



10-6580 Reusable D.O.R.C. type Phaco machine adapter



10-6585 Reusable Geuder Megatron machine adapter



10-6590 Reusable Oertli adapter



10-6595 Reusable Ellman-type adapter 4.0mm to 3.0mm banana pin



30-5110 Reusable monopolar suction coagulator adapter (banana pin to Bovie)

30-5205 Reusable monopolar suction coagulator adapter (resectoscope to Bovie)



30-5210 Reusable monopolar suction coagulator adapter (resectoscope to banana pin)



DISPOSABLE MONOPOLAR CORDS

ITEM #	LENGTH	DESCRIPTION	FEATURES
30-1201	10' (3m)	Disposable monopolar endoscopic cord, sterile green with straight plug	
30-1201L	10' (3m)	Disposable monopolar endoscopic cord, sterile green with extended straight plug	
30-1203	10' (3m)	Disposable monopolar endoscopic cord, sterile green with 90 degree angled plug	
30-1204	10' (3m)	Disposable monopolar endoscopic cord, sterile green with banana pin	
30-1208	10' (3m)	Disposable monopolar endoscopic cord, sterile green with Luer connector	
30-1209	10' (3m)	Disposable monopolar endoscopic cord, sterile green with 2mm pin	
30-1211	10' (3m)	Disposable monopolar endoscopic cord, sterile green with 3mm pin	



REUSABLE MONOPOLAR CORDS

ITEM # LENGTH DESCRIPTION

30-1000 10' (3m) Reusable silicone monopolar cord with Kirwan plug



30-1205 10' (3m) Reusable silicone monopolar endoscopic cord with Kirwan plug



30-1206 10' (3m) Reusable silicone monopolar endoscopic cord with Kirwan plug and banana pin



30-3003 10' (3m) Reusable silicone monopolar cord with banana pins



INTERNATIONAL BIPOLAR CORDS

ITEM # DESCRIPTION FEATURES

10-4018J Disposable 5m bipolar cord, sterile, fixed 38mm pins to European bladed connector



10-4021V Disposable 5m bipolar cord, sterile, fixed 28.6mm pins to European bladed connector



10-4028J Disposable 5m bipolar cord, sterile, fixed 38mm pins to booted dual connector



10-4038 Disposable 5m bipolar cord, sterile, Erbe-type to European bladed connector



10-4048 Disposable 5m bipolar cord, sterile, Wolf/Martin-type to European bladed connector



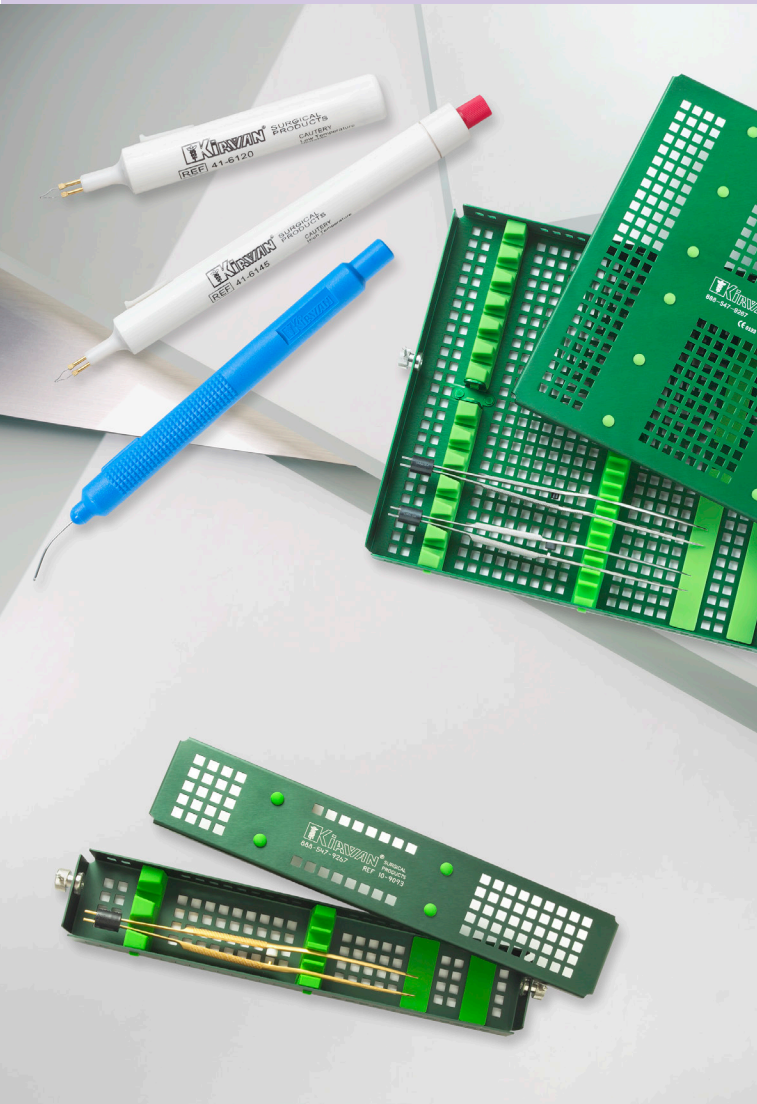
10-4058 Disposable 5m bipolar cord, sterile, Erbe-type to booted dual connector



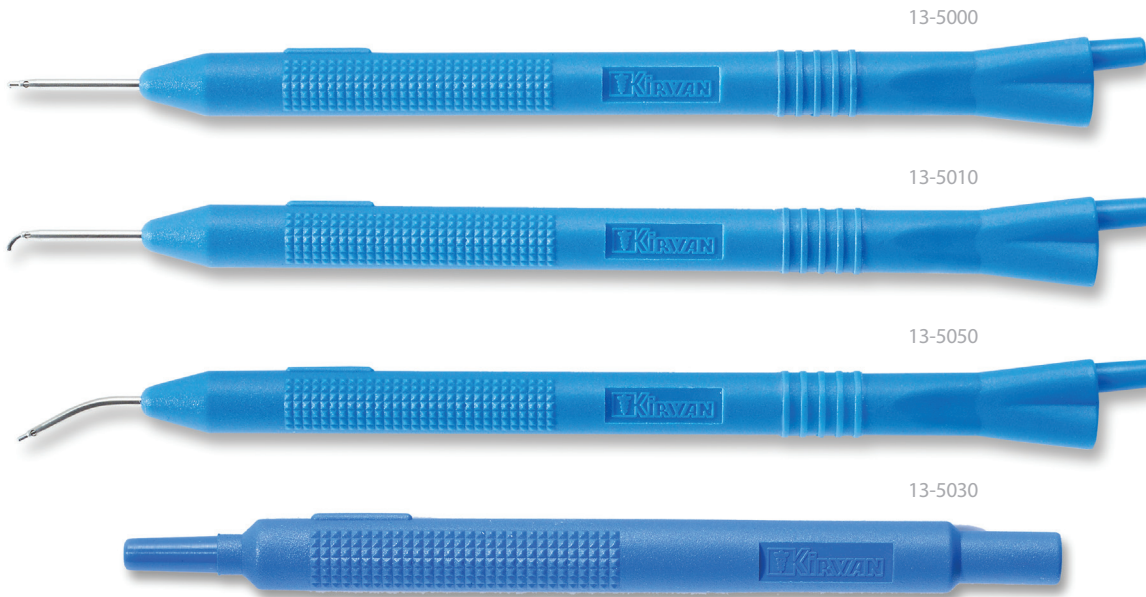
10-4068 Disposable 5m bipolar cord, sterile, Wolf/Martin-type to booted dual connector



MISCELLANEOUS

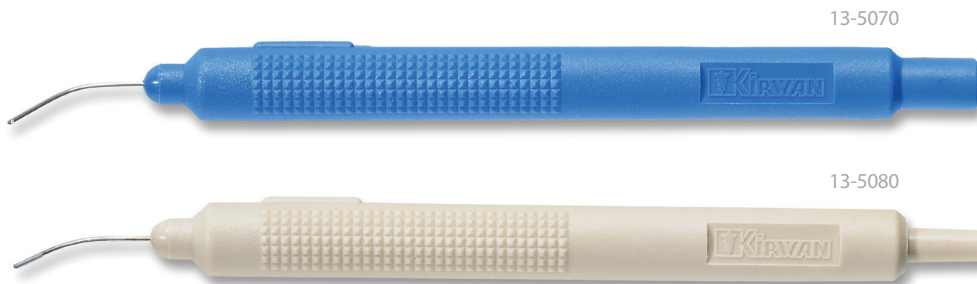


Kirwan Surgical Products offers a variety of miscellaneous items including disposable battery cauteries, reusable I/A Handpieces, Bankart instruments and sterilizing trays for 2, 6, and 12 bayonet forceps.



Reusable I/A Handpiece

ITEM #	DESCRIPTION	PORT
13-5000	Straight	0.3mm Aspiration Port
13-5010	Curved 45 Degrees	0.3mm Aspiration Port
13-5020	Binkhorst-type	0.3mm Aspiration Port
13-5040	Curved 90 Degrees	0.3mm Aspiration Port
13-5050	Curved Shaft	0.3mm Aspiration Port
13-5030	Irrigation or Aspiration	

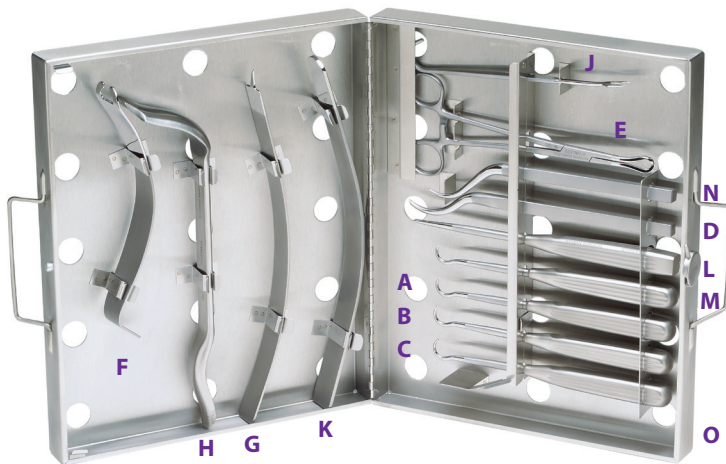
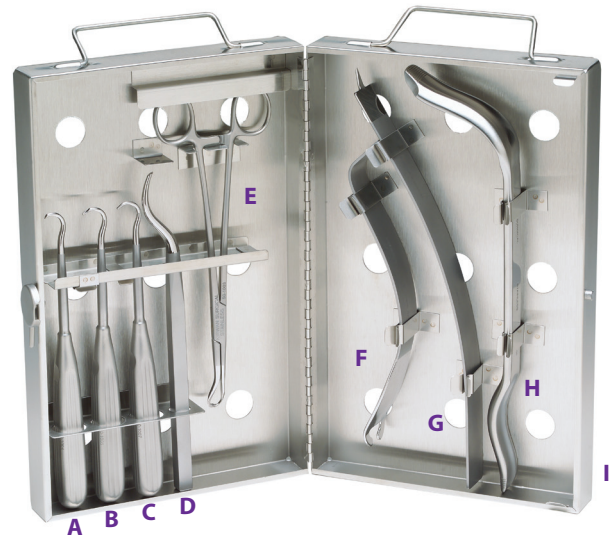


Reusable Bimanual Handpiece

ITEM #	DESCRIPTION	GAUGE	PORT
13-5070	Irrigation, Curved	21	Dual 0.5mm Side Ports
13-5071	Irrigation, Curved	23	Dual 0.5mm Side Ports
13-5080	Aspiration, Curved	23	0.3mm Aspiration Port

50-1010 Basic Set with Sterilizing Case

A	50-1004	7 1/2" Curved Awl
B	50-1005	7 1/2" Curved Hook
C	50-1007	7 1/2" Ligature Carrier
D	50-1002	8 1/4" Curved Spike #2
E	50-1003	7 3/4" Glenoid Reaming Forceps
F	50-1000	7" Improved Humeral Head Retractor
G	50-1001	10" Capsule Retractor
H	50-1006	10 1/2" Bone Skid
I	50-1009	Sterilizing Case



50-1017 Complete Set with Sterilizing Case

Complete set includes basic set plus:

J	50-1011	7" Capsule Fork (Pickle Fork)
K	50-1012	11" Muscle Retractor
L	50-1013	8 1/4" Scaphoid Gouge
M	50-1014	7 1/2" Fine Curved Awl
N	50-1015	7 1/2" Curved Spike #3
O	50-1016	Expanded Sterilizing Case

RETRACTORS



50-1020



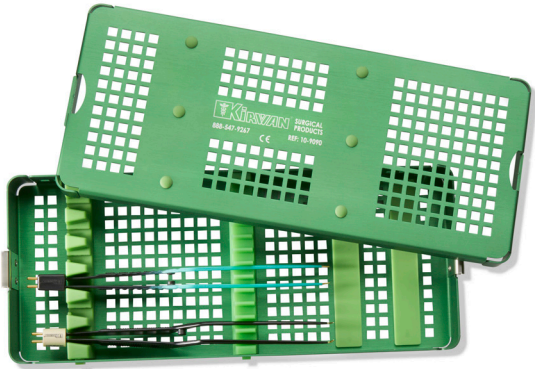
50-2538

ITEM #	DESCRIPTION
50-1020	Fukuda Retractor
50-2538	Dual Prong Capsule Retractor



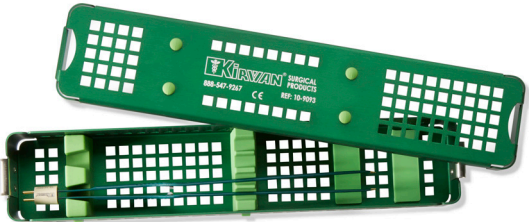
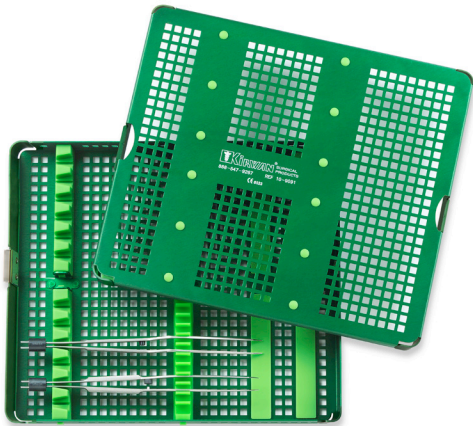
Disposable Battery Cautery

ITEM #	DESCRIPTION	FEATURES
41-6120	Low Temperature, Fine Tip	
41-6125	Variable Low Temperature, Fine Tip	
41-6130	High Temperature, Loop Tip	
41-6140	High Temperature, Fine Tip	
41-6145	Variable High Temperature, Fine Tip	



ITEM #	DESCRIPTION
10-9090	Sterilizing Tray for Six (6) Bayonet Forceps

ITEM #	DESCRIPTION
10-9091	Sterilizing Tray for Twelve (12) Bayonet Forceps



ITEM #	DESCRIPTION
10-9093	Sterilizing Tray for Two (2) Bayonet Forceps

ITEM #	DESCRIPTION
10-9095	Silicone Inserts for the 10-9090 and 10-9091 (1 set of 6) (2 sets required for 10-9091)
10-9096	Locks for the 10-9090, 10-9091 and 10-9093

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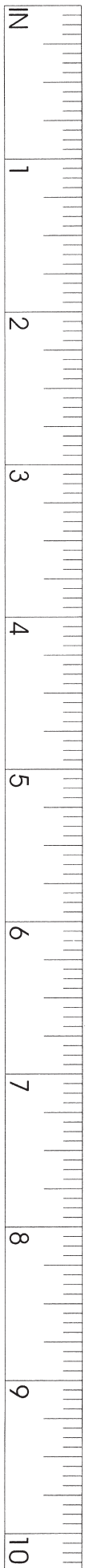
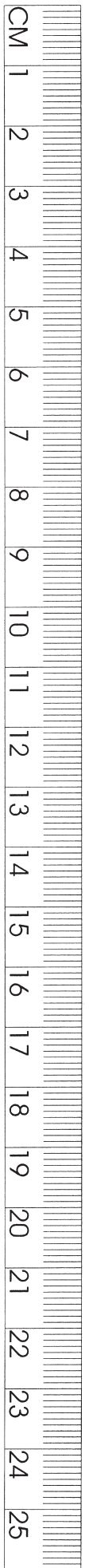
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NOTES

A series of 20 horizontal lines for writing notes, positioned below the ruler scales.

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