

RES[®]
Rana Electro Surgical



2020 NEW EDITION

SUPPLIER OF QUALITY ELECTRO SURGICAL INSTRUMENTS

RANA ELECTRO COMPANY PROFILE

Rana Electro Surgical is a family owned and operated Pakistani company, dedicated to supplying high quality surgical & Electrosurgical instruments, equipment and consumables to the exacting healthcare environment. Our specialization team is mainly dealing with "Bipolar Forceps", "Bipolar Cables", "Monopolar Forceps", "Monopolar Cables", "Electrosurgical Pencils", "Electrodes", "Loop Electrodes", "Laparoscopic Instruments", "Gynecology Speculums and Retractors" and a wide range of "Disposable Accessories". Our unwavering dedication to customer service means that our customers can always get exactly the specialised medical supplies they want, when they need them.

OUR VALUES

Integrity - We conduct every transaction with honesty and transparency, standing accountable to our stakeholders and ourselves for best results.

We recognise Customer-Focused that our customers are the reason for our success and we seek long-term partnerships that are mutually beneficial.

Teamwork - We know that together we can make a difference, and so we promote a safe and supportive atmosphere that allows each of us to achieve our full potential, while providing quality of life for both ourselves and our families.

Continuous Improvement - With a focus on quality, and an entrepreneurial spirit, we continuously move forward through the improvement of our products, processes and people.

OUR PEOPLE

At Rana Electro Surgical, we firmly believe that our people are the most important part of our business. That's why we've put together a team of the most passionate individuals, who are each specialists in their field. Our business development managers are product specialists in the ever-changing field of medical devices and consumables, always staying on the cutting edge of new and upcoming innovations. And our friendly customer service team go the extra mile to not only meet your expectations as our customer, but exceed them.

OUR HISTORY

Since we began trading in October 2000, the Rana Electro Surgical team have been committed to providing innovative, cost-effective and environmentally responsible solutions for healthcare providers nationally.

OUR COMMUNITY

Rana Electro Surgical is 100% Pakistani owned and operated. This close proximity to our customers ensures that we have a uniquely thorough understanding of the needs of our community.

OUR VISION

Our vision is to be recognised throughout for our superior customer service to the healthcare industry. As your trusted partner, we aim to provide continuous support with quality, innovative products, while ensuring that we always have exactly the specialised medical supplies you want, when you need them.



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The rana electro bipolar forceps are available in various lengths and shapes for different surgical and anatomical requirements. The reusable bipolar forceps make it easy to coagulate tissue. Sticking effects on the tips of the forceps are reduced to a minimum

Advantages of Reusable European Bipolar Forceps

- *Highly polished tips reduce tissue adherence.*
- *Light closing force causes less fatigue over time.*
- *Nylon coating resists abrasion and provides superb insulation.*
- *Precision tip alignment aids fine control.*
- *Reusable, durable, and designed for multiple uses.*
- *The Instruments is autoclavable.*
- *Compatible with all common electrosurgery unit.*



381-100



381-102



381-104



381-106

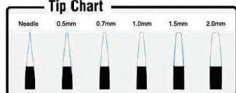


381-108



381-110

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
@ tip size at the end of Ref #: TP- Needles, GS: 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-100	MCPHERSON	0.5	10.2
381-102	MCPHERSON ANGLED	0.5	10.2
381-104	JEWELLER #5	0.5, 0.7, 1.0	11.5
381-106	JEWELLER #5 ANGLED	0.5, 0.7, 1.0	11.5
381-108	JEWELLER #7	0.5, 0.7, 1.0	11.5
381-110	ADSON	0.5, 0.7, 1.0	12



381-112



381-114



381-116



381-118



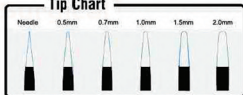
381-120



381-122

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-112	ADSON	0.5, 0.7, 1.0	15
381-114	STRAIGHT	0.5, 1.0, 2.0	15
381-116	STRAIGHT	0.5, 1.0, 2.0	18
381-118	STRAIGHT	0.5, 1.0, 2.0	20
381-120	STRAIGHT	0.5, 1.0, 2.0	22
381-122	STRAIGHT	0.5, 1.0, 2.0	24

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
R tip size at the end of Ref #: TP-Needle: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



381-124



381-126



381-128

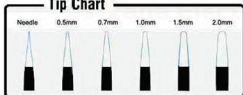


381-130



381-132

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
If tip size at the end of list is: BP-Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

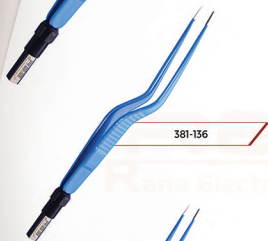
Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-124	STRAIGHT ANGLED	0.5, 1.0, 2.0	24
381-126	STRAIGHT ANGLED	0.5, 1.0, 2.0	22
381-128	STRAIGHT ANGLED	0.5, 1.0, 2.0	20
381-130	STRAIGHT ANGLED	0.5, 1.0, 2.0	18
381-132	STRAIGHT ANGLED	0.5, 1.0, 2.0	15



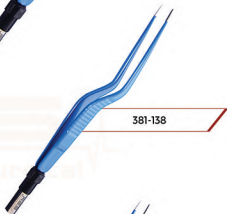
381-134



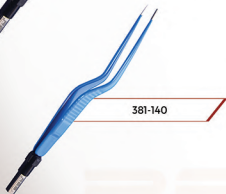
381-134



381-136



381-138



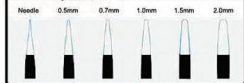
381-140



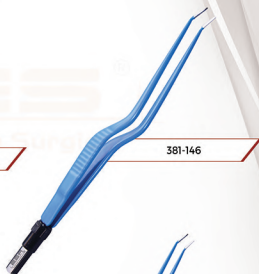
381-142

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-134	BAYONET	0.5, 1.0, 2.0	24
381-136	BAYONET	0.5, 1.0, 2.0	22
381-138	BAYONET	0.5, 1.0, 2.0	20
381-140	BAYONET	0.5, 1.0, 2.0	18
381-142	BAYONET	0.5, 1.0, 2.0	16.5

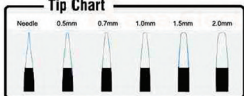
Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 If tip size of the end of Ref #: **BP-Needle**, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

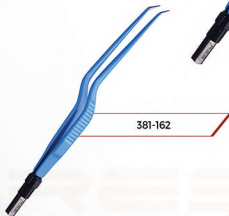
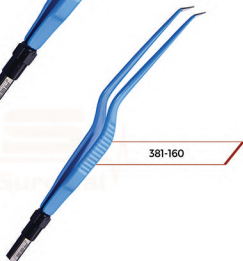
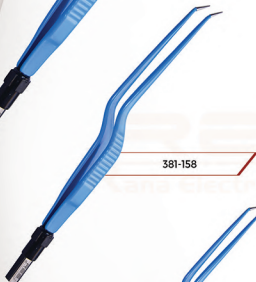
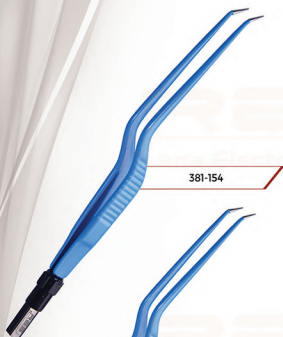


Tip Chart



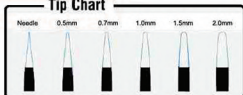
Tip size can be changed as per your requirement, just add the following extensions
#1 tip size at the end of Ref #: TP-Needle, GS, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-144	BAYONET ANGLED UP	0.5, 1.0, 2.0	24
381-146	BAYONET ANGLED UP	0.5, 1.0, 2.0	22
381-148	BAYONET ANGLED UP	0.5, 1.0, 2.0	20
381-150	BAYONET ANGLED UP	0.5, 1.0, 2.0	18
381-152	BAYONET ANGLED UP	0.5, 1.0, 2.0	16.5



Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-154	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	24
381-156	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	22
381-158	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	20
381-160	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	18
381-162	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	16.5

Tip Chart



Tip size can be changed as per your requirement. Just add the following extensions to tip size of the end of Ref. # NP-Needle, 05, 0.7mm, 1.0mm, 1.5mm & 2.0mm



It is well known that depending on the generator and the surface quality of the forceps jaws, coagulated tissue tends to more or less stick to the instrument jaw. This unwanted effect can occur particularly often with liver tissue and is critical in neurosurgery. For these applications in particular, we have designed our Bipolar Forceps with integrated irrigation channel. The coagulation area is irrigated through a built-in irrigation channel inside the forceps branch which can be connected to a standard irrigation hose. By means of this irrigation the sticking of the tissue is substantially reduced and surgical work is made easier.

Advantages of Reusable European Irrigation Bipolar Forceps

- A universal hub connector allows irrigation tubing to be connected easily.
- The ergonomically designed handle provides less fatigue and a well balanced instrument.
- Nylon coating resists abrasion and provides superb insulation.
- For high visibility our irrigation tube can be recessed into the forceps blank (buried irrigation).
- Compatible with all common electrosurgery unit.

381-164

381-166

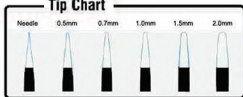
381-168

381-170

381-172

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-164	STRAIGHT IRRIGATION	0.5, 1.0, 2.0	24
381-166	STRAIGHT IRRIGATION	0.5, 1.0, 2.0	22
381-168	STRAIGHT IRRIGATION	0.5, 1.0, 2.0	20
381-170	STRAIGHT IRRIGATION	0.5, 1.0, 2.0	18
381-172	STRAIGHT IRRIGATION	0.5, 1.0, 2.0	15

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
If tip size of the end of Ref #: BP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

381-174

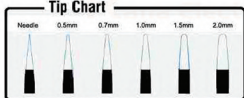
381-176

381-178

381-180

381-182

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
tip size at the end of Ref #: TP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-174	BAYONET IRRIGATION	0.5, 1.0, 2.0	24
381-176	BAYONET IRRIGATION	0.5, 1.0, 2.0	22
381-178	BAYONET IRRIGATION	0.5, 1.0, 2.0	20
381-180	BAYONET IRRIGATION	0.5, 1.0, 2.0	18
381-182	BAYONET IRRIGATION	0.5, 1.0, 2.0	16.5



During the coagulation process, tissue and tips of forceps can stick together. Rana non-stick bipolar forceps are made with a special silver alloy and therefore prevent tissue from sticking. Disturbing and time consuming disruptions for cleaning the tips during surgery are thus avoided. Due to the good thermal qualities of silver the temperature of the forceps tips does not exceed 100°C during coagulation, which enhances the non-stick effect. With over ten years of experience we can guarantee that our bipolar forceps do not stick. The non-stick effect remains constant and is not reduced by frequent sterilization. Our non-stick bipolar forceps together with the appropriate connection cables are compatible with all common types of high-frequency units such as Erbe, Martin, Berchtold, Valleylab. Rana Bipolar forceps non-stick are available in straight, angled or bayonet shape. Available lengths range from 110 to 300 mm. Tips can be made from 0.25 to 2.0 mm width. Forceps are also available with different measurements as well as with flat pin or 2-pin plug.

Advantages of Reusable Non-Stick European Bipolar Forceps

- *Ten years of experience speak for themselves. Our forceps do not stick – never!*
- *No cleaning during surgery*
- *Especially high thermal qualities*
- *All Non-stick Bipolar Forceps are re-usable and autoclavable.*
- *Compatible with all common electrosurgery unit.*

381-184 NS

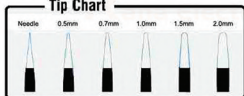
381-186 NS

381-188 NS

381-190 NS

381-192 NS

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 * Tip size at the end of Ref #: 184-Needle, 05, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-184-NS	MCPHERSON	0.5, 1.0,	10.2
381-186-NS	MCPHERSON ANGLED	0.5, 1.0,	10.2
381-188-NS	JEWELLER #5	0.5, 1.0,	11.5
381-190-NS	JEWELLER #5 ANGLED	0.5, 1.0,	11.5
381-192-NS	ADSON	0.5, 1.0,	12



381-194 NS



381-196 NS



381-198 NS

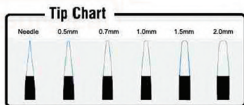


381-200 NS



381-202 NS

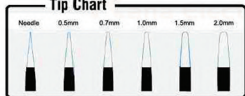
Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-194-NS	STRAIGHT	0.5, 1.0, 2.0	24
381-196-NS	STRAIGHT	0.5, 1.0, 2.0	22
381-198-NS	STRAIGHT	0.5, 1.0, 2.0	20
381-200-NS	STRAIGHT	0.5, 1.0, 2.0	18
381-202-NS	STRAIGHT	0.5, 1.0, 2.0	15



Tip size can be changed as per your requirement, just add the following extensions
to tip size of the end of Ref #: TIP: Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 of tip size at the end of Ref #: 8P Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-204-NS	BAYONET	0.5, 1.0, 2.0	24
381-206-NS	BAYONET	0.5, 1.0, 2.0	22
381-208-NS	BAYONET	0.5, 1.0, 2.0	20
381-210-NS	BAYONET	0.5, 1.0, 2.0	18
381-212-NS	BAYONET	0.5, 1.0, 2.0	16.5



The Rana bipolar forceps are available in various lengths and shapes for different surgical and anatomical requirements. The reusable Bipolar forceps make it easy to coagulate tissue. Sticking effects on the tips of the forceps are reduced to a minimum.

Advantages of Reusable US Bipolar Forceps

- *Highly polished tips reduce tissue adherence.*
- *Light closing force causes less fatigue over time.*
- *Nylon coating resists abrasion and provides superb insulation.*
- *Reusable, durable, and designed for multiple uses.*
- *Precision tip alignment aids fine control.*
- *The Instruments is autoclavable.*
- *Compatible with all common electrosurgery unit.*

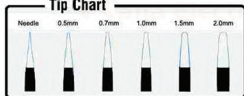


381-214 NS



381-216 NS

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
Tip size at the end of Ref #: BP-Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-214-NS	JEWELLER #5	0.5, 1.0,	11.5
381-206-NS	ADSON	0.5, 1.0,	12

381-218 NS

381-220 NS

381-222 NS

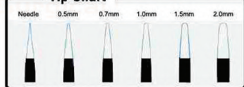
381-224 NS

381-226 NS

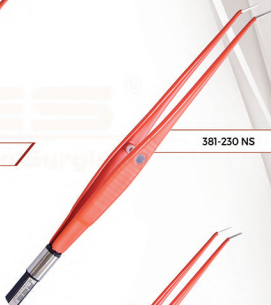
Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-218-NS	STRAIGHT	0.5, 1.0, 2.0	24
381-220-NS	STRAIGHT	0.5, 1.0, 2.0	22
381-222-NS	STRAIGHT	0.5, 1.0, 2.0	20
381-224-NS	STRAIGHT	0.5, 1.0, 2.0	18
381-226-NS	STRAIGHT	0.5, 1.0, 2.0	15

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.

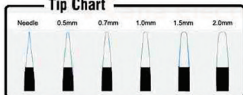
Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 #1 tip size of the end of Ref #1: BP-Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart



Tip size can be changed as per your requirement. Just add the following extensions
Tip size at the end of Ref #: NS: Needle: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-228-NS	STRAIGHT ANGLED	0.5, 1.0, 2.0	24
381-230-NS	STRAIGHT ANGLED	0.5, 1.0, 2.0	22
381-232-NS	STRAIGHT ANGLED	0.5, 1.0, 2.0	20
381-234-NS	STRAIGHT ANGLED	0.5, 1.0, 2.0	18
381-236-NS	STRAIGHT ANGLED	0.5, 1.0, 2.0	15

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.



381-238 NS



381-240 NS



381-242 NS



381-244 NS

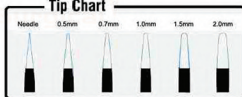


381-246 NS

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-238-NS	BAYONET	0.5, 1.0, 2.0	24
381-240-NS	BAYONET	0.5, 1.0, 2.0	22
381-242-NS	BAYONET	0.5, 1.0, 2.0	20
381-244-NS	BAYONET	0.5, 1.0, 2.0	18
381-246-NS	BAYONET	0.5, 1.0, 2.0	16.5

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.

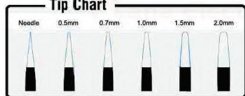
Tip Chart



Tip size can be changed as per your requirement, just add the following extensions @ tip size at the end of Ref #: **TP**- Needle: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
of tip size at the end of Ref. #: NS Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-248-NS	BAYONET ANGLED UP	0.5, 1.0, 2.0	24
381-250-NS	BAYONET ANGLED UP	0.5, 1.0, 2.0	22
381-252-NS	BAYONET ANGLED UP	0.5, 1.0, 2.0	20
381-254-NS	BAYONET ANGLED UP	0.5, 1.0, 2.0	18
381-256-NS	BAYONET ANGLED UP	0.5, 1.0, 2.0	16.5

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.

381-258 NS

381-260 NS

381-262 NS

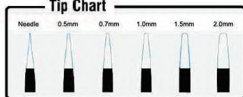
381-264 NS

381-266 NS

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-258-NS	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	24
381-260-NS	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	22
381-262-NS	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	20
381-264-NS	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	18
381-266-NS	BAYONET ANGLED DOWN	0.5, 1.0, 2.0	16.5

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
#1 tip size at the end of Ref #; **BP**- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



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- *Highly polished tips reduce tissue adherence.*
- *Light closing force causes less fatigue over time.*
- *Nylon coating resists abrasion and provides superb insulation.*
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- *Precision tip alignment aids fine control.*
- *The Instruments is autoclavable.*
- *Compatible with all common electrosurgery unit.*



381-268



381-270



381-276



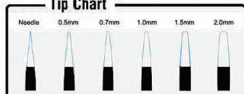
381-280



381-286

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-268	MCPHERSON	0.5, 0.7, 1.0	10.2
381-270	MCPHERSON ANGLED	0.5, 0.7, 1.0	10.2
381-276	JEWELLER #5	0.5, 0.7, 1.0	11.5
381-280	JEWELLER #4	0.5, 0.7, 1.0	11.5
381-286	IRIS STRAIGHT	0.5, 0.7, 1.0	10.8

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
R tip size at the end of Ref in BP-Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



381-288



381-290



381-292



381-294



381-296

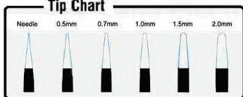


381-300



381-304

Tip Chart



Tip size can be changed as per your requirement. Just add the following extensions
@ tip size at the end of Ref #: TP-Needle, SS-0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-288	IRIS ANGLED	0.5, 0.7, 1.0	10.8
381-290	ADSON	0.5, 0.7, 1.0	12
381-292	SEMKIN	0.5, 0.7, 1.0	14
381-294	CUSHING	0.5, 0.7, 1.0, 1.5	15.9
381-296	CUSHING	0.5, 0.7, 1.0, 1.5	17.8
381-300	GERALD STRAIGHT	0.5, 1.0, 1.5	17.8
381-304	GERALD BAYONET	0.5, 1.0, 1.5	18.4



381-306



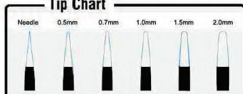
381-308



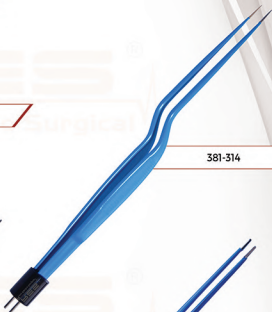
381-310

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-306	JANSEN BAYONET	0.5, 1.0, 1.5, 2.0	20.4
381-308	JANSEN BAYONET	0.5, 1.0, 1.5	17.8
381-310	JANSEN BAYONET	0.5, 1.0, 1.5	15.2

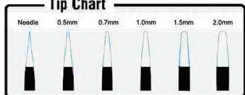
Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 @ tip size at the end of Ref e.g. Needle: 05, 0.7mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
R: tip size of the end of Ref in: BP: Needles: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-312	MALIS	0.5, 1.0, 1.5	17.8
381-314	SCOVILLE-GREENWOOD	0.5, 1.0, 1.5	19.1
381-316	YASARGIL	0.5, 1.0, 1.5	19.7
381-318	HARDY BAYONET	0.5, 1.0, 1.5	21.6

Our Monopolar instruments are tested at high volts to ensure proper functioning during the most stringent operations. With the best quality stainless steel, excellent finishing and superior insulation, we provide worldwide guarantee for all our Monopolar instruments.

Advantages of Reusable Monopolar Forceps

- *Lightweight and well balanced to prevent fatigue.*
- *Highly polished tips minimise sticking.*
- *Nylon coating resists abrasion and provides superb insulation.*
- *Precision tip alignment aids fine control.*
- *Compatible with all common electrosurgery unit.*

381-282



381-284



381-286



381-288



381-292



381-294



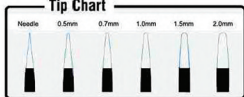
381-296



381-302



Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
at tip size at the end of Ref #: TIP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-282	Jawoller #4	Needle	11.5
381-284	Jawoller #7	Needle	11.5
381-286	Adson	1.0	12.0
381-288	Potts-Smith	2.0	17.8
381-290	Potts-Smith	2.0	21.0
381-292	Potts-Smith	2.0	24.1
381-294	Jansen Bayonet	1.5	13.3
381-296	Jansen Bayonet	1.5	15.9
381-298	Jansen Bayonet	2.0	19.1
381-300	Jansen Bayonet	2.0	21.0
381-302	Jansen Bayonet UP	2.0	19.1
381-304	Jansen Bayonet UP	2.0	21.0



It is well known that depending on the generator and the surface quality of the forceps jaws, coagulated tissue tends to more or less stick to the instrument jaw. This unwanted effect can occur particularly often with liver tissue and is critical in neurosurgery. For these applications in particular, we have designed our Bipolar Forceps with integrated irrigation channel. The coagulation area is irrigated through a built-in irrigation channel inside the forceps branch which can be connected to a standard irrigation hose. By means of this irrigation the sticking of the tissue is substantially reduced and surgical work is made easier.

Advantages of Reusable US Irrigation Forceps

- *A universal hub connector allows irrigation tubing to be connected easily.*
- *The ergonomically designed handle provides less fatigue and a well balanced instrument.*
- *For high visibility our irrigation tube can be recessed into the forceps blank (buried irrigation).*
- *Compatible with all common electrosurgery unit.*



381-344 IR



381-346 IR

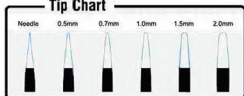


381-350 IR



381-352 IR

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 * Tip size of the end of Ref: IR-Needle: 05, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-344 IR	STRAIGHT	0.5, 1.0, 1.5	15.9
381-346 IR	GERALD BAYONET	0.5, 1.0, 1.5	18.4
381-350 IR	JANSEN BAYONET	0.5, 1.0, 1.5	19.1
381-352 IR	HARDY BAYONET	0.5, 1.0, 1.5	21.6



During the coagulation process, tissue and tips of forceps can stick together. Rana non-stick bipolar forceps are made with a special silver alloy and therefore prevent tissue from sticking. Disturbing and time consuming disruptions for cleaning the tips during surgery are thus avoided. Due to the good thermal qualities of silver the temperature of the forceps tips does not exceed 100°C during coagulation, which enhances the non-stick effect. With over ten years of experience we can guarantee that our bipolar forceps do not stick. The non-stick effect remains constant and is not reduced by frequent sterilization. Our non-stick bipolar forceps together with the appropriate connection cables are compatible with all common types of high-frequency units such as Erbe, Martin, Berchtold, Valleylab. Rana Bipolar forceps non-stick are available in straight, angled or bayonet shape. Available lengths range from 110 to 300 mm. Tips can be made from 0.25 to 2.0 mm width. Forceps are also available with different measurements as well as with flat pin or 2-pin plug.

Advantages of Reusable Non-Stick European Bipolar Forceps

- *Ten years of experience speak for themselves. Our forceps do not stick – never!*
- *No cleaning during surgery*
- *Especially high thermal qualities*
- *All Non-stick Bipolar Forceps are re-usable and autoclavable.*
- *Compatible with all common electrosurgery unit.*



381-354 NS



381-356 NS



381-360 NS



381-362 NS

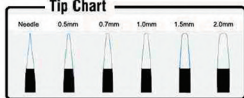


381-364 NS



381-366 NS

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
B1 tip size of the end of Ref #: TP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-354-NS	MCPHERSON	NEEDLE, 0.5	10.2
381-356-NS	MCPHERSON ANGLED	NEEDLE, 0.5	10.2
381-360-NS	JEWELLER# 5 ANGLED	NEEDLE, 0.5	11.5
381-362-NS	JEWELLER# 4	NEEDLE, 0.5	11.5
381-364-NS	ADSON	0.5, 1.0	12
381-366-NS	SEMKN	0.5, 1.0	14

Note: More Non-Stick Bipolar Forceps are available use NS extension to any regular bipolar forceps.



381-368 NS



381-370 NS



381-372 NS



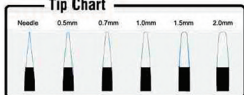
381-374 NS



381-378 NS

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-368-NS	CUSHING	0.5, 1.0, 1.5	17.8
381-370-NS	CUSHING	0.5, 1.0, 1.5	15.9
381-372-NS	GERALD BAYONET	0.5, 1.0, 1.5	18.4
381-374-NS	JANSEN BAYONET	0.5, 1.0, 1.5	18
381-378-NS	ADSON	1.0, 1.5	19.7

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
@ tip size at the end of Ref #: 1.5P - Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

381-341-HS



381-342-HS



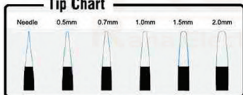
381-343-HS



381-344-HS



Tip Chart

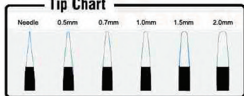


Tip size can be changed as per your requirement, just add the following extensions
#1 tip size of the end of Ref #: TIP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-341-HS	Jeweller #4	0.5	11.5
381-342-HS	Semán	0.7	14.0
381-343-HS	Jansen Bayonet	0.7	19.1
381-344-HS	Scoville-Greenwood	1.5	19.7



Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 If tip size of the end of Ref #: TP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-345-HS	Jansen Bayonet	2.0	19.0
381-346-HS	Jansen Bayonet	2.0	21.0
381-347-HS	Potts-Smith	2.0	21.0
381-348-HS	Potts-Smith	2.0	24.0



Our Diathermy instruments are tested at high volts to ensure proper functioning during the most stringent operations. With the best quality stainless steel, excellent finishing and superior insulation, we provide worldwide guarantee for all our Diathermy instruments. Diathermy instruments are available in four base types. Models popular Diathermy Instruments : Adson, Jeweller, McIndoe, Standard, Bayonet, Artery Forceps, Wilson Hey Forceps, Diathermy Scissors, etc in various lengths, tip sizes, and 4 plug types

Advantages of Reusable Diathermy Instruments

- *Lightweight and well balanced to prevent fatigue.*
- *Highly polished tips minimise sticking.*
- *Precision tip alignment aids fine control.*
- *Compatible with all common electrosurgery unit.*



Tuner Warwick Scissors (STR)
381-350



Tuner Warwick Scissors (CRV)
381-352



Dressing Scissors (STR)
381-358



Dressing Scissors (CRV)
381-360



Wilson Hey Forceps (STR)
381-366



Wilson Hey Forceps (CRV)
381-368



Artery Forceps (STR)
381-374



Artery Forceps (CRV)
381-376



Abbey Needle
381-382



Richie Forceps
381-384

ENGLISH MONOPOLAR MALE 4.8MM CONNECTOR

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-350	Tuner Warwick Scissors (STR)	-	17.8
381-352	Tuner Warwick Scissors (CRV)	-	17.8
381-354	Tuner Warwick Scissors (STR)	-	23.0
381-356	Tuner Warwick Scissors (CRV)	-	23.0
381-358	Dressing Scissors (STR)	-	17.8
381-360	Dressing Scissors (CRV)	-	17.8
381-362	Dressing Scissors (STR)	-	23.0
381-364	Dressing Scissors (CRV)	-	23.0
381-366	Wilson Hey Forceps (STR)	-	17.8
381-368	Wilson Hey Forceps (CRV)	-	17.8
381-370	Wilson Hey Forceps (STR)	-	23.0
381-372	Wilson Hey Forceps (CRV)	-	23.0
381-374	Artery Forceps (STR)	-	17.8
381-376	Artery Forceps (CRV)	-	17.8
381-378	Artery Forceps (STR)	-	23.0
381-380	Artery Forceps (CRV)	-	23.0
381-382	Abbey Needle	-	17.5
381-384	Richie Forceps	-	17.8
381-386	Richie Forceps	-	20.0
381-388	Richie Forceps	-	23.0

EUROPEAN MONOPOLAR FEMALE 4.0MM CONNECTOR

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-390	Tuner Warwick Scissors (STR)	-	17.8
381-392	Tuner Warwick Scissors (CRV)	-	17.8
381-394	Tuner Warwick Scissors (STR)	-	23.0
381-396	Tuner Warwick Scissors (CRV)	-	23.0
381-398	Dressing Scissors (STR)	-	17.8
381-400	Dressing Scissors (CRV)	-	17.8
381-402	Dressing Scissors (STR)	-	23.0
381-404	Dressing Scissors (CRV)	-	23.0
381-406	Wilson Hey Forceps (STR)	-	17.8
381-408	Wilson Hey Forceps (CRV)	-	17.8
381-410	Wilson Hey Forceps (STR)	-	23.0
381-412	Wilson Hey Forceps (CRV)	-	23.0
381-414	Artery Forceps (STR)	-	17.8
381-416	Artery Forceps (CRV)	-	17.8
381-418	Artery Forceps (STR)	-	23.0
381-420	Artery Forceps (CRV)	-	23.0
381-422	Abbey Needle	-	17.5
381-424	Richie Forceps	-	17.8
381-426	Richie Forceps	-	20.0
381-428	Richie Forceps	-	23.0



Adson
381-430



McINDOE
381-432



Gillies
381-434



Dissecting
381-442



Gerald
381-450



Adson Bayonet
381-452



Adson Bayonet UP
381-456



Remington Hobb
381-462

ENGLISH MONOPOLAR MALE 4.8MM CONNECTOR

Ref	Item Name	Tip Size	Length Size
381-430	Adson	1.0	12.0
381-432	McINDOE	1.0, 2.0	15.0
381-434	Gillies	-	15.0
381-436	Gillies	-	17.8
381-438	Gillies	-	20.0
381-440	Gillies	-	24.0
381-442	Dissecting	1.0, 2.0	15.0
381-444	Dissecting	1.0, 2.0	17.8
381-446	Dissecting	1.0, 2.0	21.0
381-448	Dissecting	1.0, 2.0	24.1
381-450	Gerald 1x2	-	17.8
381-452	Adson Bayonet	1.0, 2.0	16.0
381-454	Adson Bayonet	1.0, 2.0	19.1
381-456	Adson Bayonet Angled UP	1.0, 2.0	16.0
381-458	Adson Bayonet Angled UP	1.0, 2.0	19.1
381-460	Adson Bayonet Angled UP	1.0, 2.0	21.0
381-462	Remington Hobb	1.0, 2.0	24.1

EUROPEAN MONOPOLAR FEMALE 4.0MM CONNECTOR

Ref	Item Name	Tip Size	Length Size
381-364	Adson	1.0	12.0
381-366	McINDOE	1.0, 2.0	15.0
381-368	Gillies	-	15.0
381-370	Gillies	-	17.8
381-372	Gillies	-	20.0
381-374	Gillies	-	24.0
381-376	Dissecting	1.0, 2.0	15.0
381-378	Dissecting	1.0, 2.0	17.8
381-380	Dissecting	1.0, 2.0	21.0
381-382	Dissecting	1.0, 2.0	24.1
381-384	Gerald 1x2	-	17.8
381-386	Adson Bayonet	1.0, 2.0	16.0
381-388	Adson Bayonet	1.0, 2.0	19.1
381-390	Adson Bayonet Angled UP	1.0, 2.0	16.0
381-392	Adson Bayonet Angled UP	1.0, 2.0	19.1
381-394	Adson Bayonet Angled UP	1.0, 2.0	21.0
381-396	Remington Hobb	1.0, 2.0	24.1

ENGLISH MONOPOLAR MALE 4.0MM CONNECTOR

Ref	Item Name	Tip Size	Length Size
381-498	Adson	1.0	12.0
381-500	McINDOE	1.0, 2.0	15.0
381-502	Gillies	-	15.0
381-504	Gillies	-	17.8
381-506	Gillies	-	20.0
381-508	Gillies	-	24.0
381-510	Dissecting	1.0, 2.0	15.0
381-512	Dissecting	1.0, 2.0	17.8
381-514	Dissecting	1.0, 2.0	21.0
381-516	Dissecting	1.0, 2.0	24.1
381-518	Gerald 1x2	-	17.8
381-520	Adson Bayonet	1.0, 2.0	16.0
381-522	Adson Bayonet	1.0, 2.0	19.1
381-524	Adson Bayonet Angled UP	1.0, 2.0	16.0
381-526	Adson Bayonet Angled UP	1.0, 2.0	19.1
381-528	Adson Bayonet Angled UP	1.0, 2.0	21.0
381-530	Remington Hobb	1.0, 2.0	24.1

MONOPOLAR WITHOUT CONNECTOR

Ref	Item Name	Tip Size	Length Size
381-532	Adson	1.0	12.0
381-534	McINDOE	1.0, 2.0	15.0
381-536	Gillies	-	15.0
381-538	Gillies	-	17.8
381-540	Gillies	-	20.0
381-542	Gillies	-	24.0
381-544	Dissecting	1.0, 2.0	15.0
381-546	Dissecting	1.0, 2.0	17.8
381-548	Dissecting	1.0, 2.0	21.0
381-550	Dissecting	1.0, 2.0	24.1
381-552	Gerald 1x2	-	17.8
381-554	Adson Bayonet	1.0, 2.0	16.0
381-556	Adson Bayonet	1.0, 2.0	19.1
381-558	Adson Bayonet Angled UP	1.0, 2.0	16.0
381-560	Adson Bayonet Angled UP	1.0, 2.0	19.1
381-562	Adson Bayonet Angled UP	1.0, 2.0	21.0
381-564	Remington Hobb	1.0, 2.0	24.1



Rana Electro disposable bipolar forceps have been designed and tested to meet the practical. The main purpose for offering single-use bipolar forceps is to avoid the risk of contamination while remaining cost effective and utilizing the functionalities of the higher end forceps. Hardened stainless steel provides an optimum spring tension and serves as the basis for a superior instrument.

Advantages of Disposable Bipolar Forceps

- *Lightweight and well balanced to prevent fatigue.*
- *Highly polished tips minimise sticking.*
- *Nylon coating resists abrasion and provides superb insulation.*
- *Precision tip alignment aids fine control.*
- *Cost effective in comparison to re-usable.*
- *All Bipolar forceps available with cable, sterile packed.*
- *Compatible with all common electrosurgery unit.*



381-524 DP



381-526 DP



381-528 DP



381-530 DP

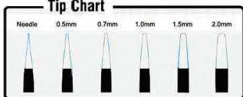


381-532 DP



381-534 DP

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
 # Tip size of the end of Ref # 381- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-524 DP	JEWELLER# 5	NEEDLE, 0.5	11.5
381-526 DP	ADSON	0.5, 1.0	12
381-528 DP	STRAIGHT	0.5, 1.0, 1.5	18
381-530 DP	STRAIGHT ANGLED	0.5, 1.0, 1.5	18
381-532 DP	BAYONET	0.5, 1.0, 1.5, 2.0	20
381-534 DP	BAYONET ANGLED DOWN	0.5, 1.0, 1.5, 2.0	20

Note: More Disposable Bipolar Forceps are Available Use DP extension to any regular Bipolar Forceps.



381-536 DP



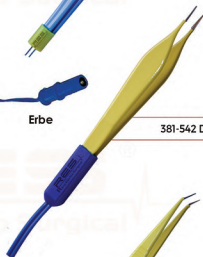
381-538 DP



381-540 DP



Erbe



381-542 DP



381-544 DP



Flat switch 2 pin

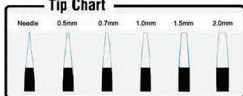


381-546 DP

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-536 DP	ADSON	0.5, 1.0	12
381-538 DP	CUSHING	0.5, 1.0, 1.5	18
381-540 DP	JANSEN BAYONET	0.5, 1.0, 1.5, 2.0	20
381-542 DP	ADSON	0.5, 1.0	15
381-544 DP	STRAIGHT	0.5, 1.0, 1.5, 2.0	20
381-546 DP	STRAIGHT ANGLED	0.5, 1.0, 1.5, 2.0	20

Note: More Disposable Bipolar Forceps are Available Use DP extension to any regular Bipolar Forceps.

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
to tip size at the end of Ref #: BP-Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

381-548 DP

381-552 DP

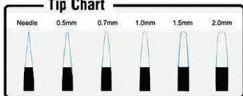
381-556 DP

381-558 DP

381-560 DP

381-562 DP

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions to tip size at the end of Ref #: TIP-Needle, 05, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-548 DP	BAYONET	0.5, 1.0, 1.5, 2.0	20
381-552 DP	JEWELLER® 5	NEEDLE, 0.5	11.5
381-556 DP	ADSON	0.5, 1.0	15
381-558 DP	STRAIGHT	0.5, 1.0, 1.5, 2.0	20
381-560 DP	STRAIGHT ANGLED	0.5, 1.0, 1.5, 2.0	20
381-562 DP	BAYONET	0.5, 1.0, 1.5, 2.0	20

Note: More Disposable Bipolar Forceps are Available Use DP extension to any regular Bipolar Forceps.



381-564 DP



381-566 DP



381-568 DP



381-570 DP



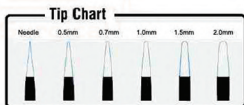
381-574 DP



381-576 DP

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-564 DP	MCPHERSON	NEEDLE, 0.5	10.2
381-566 DP	ADSON	0.5, 1.0	15
381-568 DP	JEWELLER# 5	NEEDLE, 0.5	11.5
381-570 DP	STRAIGHT	0.5, 1.0, 1.5, 2.0	20
381-574 DP	BAYONET	0.5, 1.0, 1.5, 2.0	20
381-576 DP	JEWELLER# 5 NON-STICK	NEEDLE, 0.5	11.5

Note: More Disposable Bipolar Forceps are Available Use DP extension to any regular Bipolar Forceps.



Tip size can be changed as per your requirement, just add the following extensions.
If tip size of the end of Ref #; TIP: Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



381-578 DP

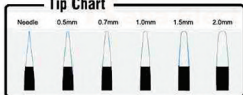


381-580 DP



381-582 DP

Tip Chart



Tip size can be changed as per your requirement, just add the following extensions
If tip size of the end of Ref #: BP- Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-578 DP	ADSON NON-STICK	0.5, 1.0	15
381-580 DP	STRAIGHT NON-STICK	0.5, 1.0, 1.5, 2.0	20
381-582 DP	BAYONET NON-STICK	0.5, 1.0, 1.5, 2.0	20

Note: More Disposable Bipolar Forceps are Available Use DP extension to any regular Bipolar Forceps.



The First Choice For Proven Performance, Rana Electro Provides The Broadest selection of fully autoclavable instruments for LEEP procedures. Our "rose coated" instruments will provide you with durability and performance unmatched in the industry. Models Available: Graves, Pederson, VU-More, 4-Way, Cusco, Collin, Weisman, Gelpi, Rigby, Lateral, Lateral Vaginal, Endocervical, Iris, Emmet, Straight, two-prong, three-prong, etc.



Disposable Tube



Graves Vaginal Speculum
With Smoke Evacuation Tube
Small 381-600
Medium 381-602
Large 381-604

Small 381-606
Medium 381-608
Large 381-610



Disposable Tube



Pederson Vaginal Speculum
With Smoke Evacuation Tube
Small 381-612
Medium 381-614
Large 381-616

Small 381-618
Medium 381-620
Large 381-622



Disposable Tube



VU-Max Graves Vaginal Speculum
With Smoke Evacuation Tube
Medium 381-624
Large 381-626

Medium 381-628
Large 381-630



Disposable Tube



VU-Max Pederson Vaginal Speculum
With Smoke Evacuation Tube
Medium 381-632
Large 381-634

Medium 381-636
Large 381-638



Collin Vaginal Speculum
With Smoke Evacuation Tube
Small 381-640
Medium 381-642
Large 381-644



CUSCO Vaginal Speculum
With Smoke Evacuation Tube
Small 381-646
Medium 381-648
Large 381-650



Disposable Tube



VU-More Graves Vaginal Speculum Medium 381-656
With Smoke Evacuation Tube
Medium 381-652
Large 381-654



4-Blades Speculum
With Smoke Evacuation Tube
Medium 381-660
Large 381-662



Disposable Tube



Weisman Vaginal Speculum
Right Side Open
With Smoke Evacuation Tube
Medium 381-664
Large 381-666



Disposable Tube



Weisman Vaginal Speculum
Left Side Open
With Smoke Evacuation Tube
Medium 381-672
Large 381-674

Medium 381-676
Large 381-678



Lateral Retractor
Wide Open
381-680



Rigby Retractor
Wide Open
381-682



Gelpi Retractor
Wide Open
381-684



Kogon Speculum
3mm 381-686
4mm 381-688
5mm 381-690



Lateral Retractor
21cm 22mmx75mm
381-692



**Schroeder
Tanaculum 24cm**
381-694



**Schroeder
Tanaculum 24cm**
381-696



**Single Tooth
Tanaculum 24cm**
381-698



**Campion
Forceps 22cm**
381-700



**Spong
Forceps 22cm**
381-702

Dressing Forceps

381-704 21cm

381-706 25cm



Tissue Forceps

381-708 21cm

381-710 25cm



Iris Hook

381-712 25cm



Emmet Hook

381-714 25cm



Emmet Hook Straight

381-716 25cm



Emmet Hook Two Prong

381-718 25cm



Emmet Hook Three Prong

381-720 25cm





These E-Z Clean Laparoscopic Electrodes are made from very high quality raw material which ensures hassle free work performance at its user end. These E-Z Clean Laparoscopic Electrodes are widely finds its applications in various medical sectors.

Salient Features of our E-Z Clean Laparoscopic Electrodes

- Provide excellent dissection and coagulation for a variety of surgical applications.
- High-tech PTFE coating for reduced eschar buildup.
- Reintroduction during surgery is minimized.
- Lower power settings for safer delivery of electrosurgery.
- Tips are cost-effective because they Save Time and Money.



Without Suction



L-Hook Electrode 36cm
381-800



J-Hook Electrode 36cm
381-802



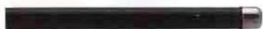
Needle Electrode 36cm
381-804



Spectula Electrode 36cm
381-806



Ball Electrode 36cm
381-808



With Suction



L-Hook Electrode 36cm
381-810



J-Hook Electrode 36cm
381-812



Needle Electrode 36cm
381-814



Spectula Electrode 36cm
381-816



Ball Electrode 36cm
381-818





Electrode handle with blade electrode for single-use. Sterile packaging in individual pouches. Ready to use. This handle is made of high quality material and fits into the surgeon's hand comfortably due to its ergonomic shape. The quality meets highest expectations and fulfills all required international safety regulations.

- *Single-use electrode handle including blade electrode and 3 m cable (also available: 5 m)*
- *Individually packaged, sterile.*
- *Push buttons for cutting and coagulation.*
- *Unit side: 3-pin connector.*
- *Tips are cost-effective because they Save Time and Money.*
- *Suitable also for use with ERBE, Martin or Berchtold units, by addition of an adapter especially designed for such purpose.*



Rocker Switch Pencil (Single Use)
3m Cable 381-854



Foot Control Pencil (Single Use)
3m Cable 381-856
5m Cable 381-858



Finger Switch Pencil (Reusable)
3m Silicon Cable 381-860



Electrode Handle (Reusable)
3m Silicon Cable 381-862



Finger Switch Pencil (Single Use)
3m Cable 381-850
5m Cable 381-852



Blade Electrode

Disposable: 381-900-S Reusable: 381-900-R



Blade Electrode Crv

Disposable: 381-902-S Reusable: 381-902-R



Needle Electrode

Disposable: 381-904-S Reusable: 381-904-R



Needle Electrode Crv

Disposable: 381-906-S Reusable: 381-906-R



Ball Electrode 2mm

Disposable: 381-908-S Reusable: 381-908-R



Ball Electrode Crv 2mm

Disposable: 381-910-S Reusable: 381-910-R



Ball Electrode 3mm

Disposable: 381-912-S Reusable: 381-912-R



Ball Electrode 3mm Crv

Disposable: 381-914-S Reusable: 381-914-R



Ball Electrode 4mm

Disposable: 381-916-S Reusable: 381-916-R



Ball Electrode 4mm Crv

Disposable: 381-918-S Reusable: 381-918-R



Ball Electrode 5mm

Disposable: 381-920-S Reusable: 381-920-R



Ball Electrode 5mm Crv

Disposable: 381-922-S Reusable: 381-922-R



Blade Electrode Shaft 13cm

Disposable: 381-924-S Reusable: 381-924-R



Needle Electrode Shaft 13cm

Disposable: 381-926-S Reusable: 381-926-R



Ball Electrode 3mm Shaft 13cm

Disposable: 381-928-S Reusable: 381-928-R



Ball Electrode 5mm Shaft 13cm

Disposable: 381-930-S Reusable: 381-930-R



Conization Electrode

Disposable: 381-932-S Reusable: 381-932-R



Circle Loop Electrode 4mm

Disposable: 381-934-S Reusable: 381-934-R



Circle Loop Electrode 6mm

Disposable: 381-936-S Reusable: 381-936-R



Circle Loop Electrode 8mm

Disposable: 381-938-S Reusable: 381-938-R



Diamond Electrode

Disposable: 381-940-S Reusable: 381-940-R



Fine Needle Electrode

Disposable: 381-942-S Reusable: 381-942-R



Size	1.0x0.4cm	1.0x0.5cm	1.0x0.7cm	1.0x0.8cm	1.0x1.0cm
Disposable	381-944-S	381-946-S	381-948-S	381-950-S	381-952-S
Reusable	381-944-R	381-946-R	381-948-R	381-950-R	381-952-R



Size	1.0x0.5cm	1.0x0.7cm	1.0x0.8cm	1.0x1.0cm	1.0x1.5cm
Disposable	381-954-S	381-956-S	381-958-S	381-960-S	381-962-S
Reusable	381-954-R	381-956-R	381-958-R	381-960-R	381-962-R



Size	1.5x0.5cm	1.5x0.7cm	1.5x0.8cm	1.5x1.0cm	1.5x1.2cm	1.5x1.5cm
Disposable	381-964-S	381-966-S	381-968-S	381-970-S	381-972-S	381-974-S
Reusable	381-964-R	381-966-R	381-968-R	381-970-R	381-972-R	381-974-R



Size	2.0x0.8cm	2.0x1.0cm	2.0x1.2cm	2.0x1.3cm	2.0x1.5cm	2.0x2.0cm
Disposable	381-976-S	381-978-S	381-980-S	381-982-S	381-984-S	381-986-S
Reusable	381-976-R	381-978-R	381-980-R	381-982-R	381-984-R	381-986-R



Blade Electrode

Disposable: 381-1000-S Reusable: 381-1000-R



Blade Electrode Crv

Disposable: 381-1002-S Reusable: 381-1002-R



Needle Electrode

Disposable: 381-1004-S Reusable: 381-1004-R



Needle Electrode Crv

Disposable: 381-1006-S Reusable: 381-1006-R



Ball Electrode 2mm

Disposable: 381-1008-S Reusable: 381-1008-R



Ball Electrode Crv 2mm

Disposable: 381-1010-S Reusable: 381-1010-R



Ball Electrode 3mm

Disposable: 381-1012-S Reusable: 381-1012-R



Ball Electrode 3mm Crv

Disposable: 381-1014-S Reusable: 381-1014-R



Ball Electrode 4mm

Disposable: 381-1016-S Reusable: 381-1016-R



Ball Electrode 4mm Crv

Disposable: 381-1018-S Reusable: 381-1018-R



Ball Electrode 5mm

Disposable: 381-1020-S Reusable: 381-1020-R



Ball Electrode 5mm Crv

Disposable: 381-1022-S Reusable: 381-1022-R



Blade Electrode Shaft 13cm

Disposable: 381-1024-S Reusable: 381-1024-R



Needle Electrode Shaft 13cm

Disposable: 381-1026-S Reusable: 381-1026-R



Ball Electrode Shaft 3mm 13cm

Disposable: 381-1028-S Reusable: 381-1028-R



Ball Electrode 4mm Shaft 13cm

Disposable: 381-1030-S Reusable: 381-1030-R



Ball Electrode 5mm 13cm

Disposable: 381-1032-S Reusable: 381-1032-R



Circle Loop Electrode 4mm 0.7cm

Disposable: 381-1034-S Reusable: 381-1034-R



Circle Loop Electrode 6mm 0.7cm

Disposable: 381-936-S Reusable: 381-936-R



Circle Loop Electrode 8mm 0.7cm

Disposable: 381-1038-S Reusable: 381-1038-R



Circle Loop Electrode 10mm 0.7cm

Disposable: 381-940-S Reusable: 381-940-R



Plate Electrode Small

Disposable: 381-1042-S Reusable: 381-1042-R



Plate Electrode Large

Disposable: 381-1044-S Reusable: 381-1044-R



Size	1.0x0.4cm	1.0x0.5cm	1.0x0.7cm	1.0x0.8cm	1.0x1.0cm
Disposable	381-1046-S	381-1048-S	381-1050-S	381-1052-S	381-1054-S
Reusable	381-1046-R	381-1048-R	381-1050-R	381-1052-R	381-1054-R



Size	1.0x0.5cm	1.0x0.7cm	1.0x0.8cm	1.0x1.0cm	1.0x1.5cm
Disposable	381-1056-S	381-1058-S	381-1060-S	381-1062-S	381-1064-S
Reusable	381-1056-R	381-1058-R	381-1060-R	381-1062-R	381-1064-R



Size	1.5x0.5cm	1.5x0.7cm	1.5x0.8cm	1.5x1.0cm	1.5x1.2cm	1.5x1.5cm
Disposable	381-1066-S	381-1068-S	381-1070-S	381-1072-S	381-1074-S	381-1076-S
Reusable	381-1066-R	381-1068-R	381-1070-R	381-1072-R	381-1074-R	381-1076-R



Size	2.0x0.8cm	2.0x1.0cm	2.0x1.2cm	2.0x1.3cm	2.0x1.5cm	2.0x2.0cm
Disposable	381-1078-S	381-1080-S	381-1082-S	381-1084-S	381-1086-S	381-1088-S
Reusable	381-1078-R	381-1080-R	381-1082-R	381-1084-R	381-1086-R	381-1088-R



Rana Electro Cables are available in disposable and reusable grade. We offer high quality silicon cables even for our single-use instruments thus making sure that all cables are able to withstand electrical current above the standard requirements. Furthermore, numerous tests including continuity and leak test ensures that our cables will work under the toughest requirements. Multiple sizes and plugs are available as per the need of the customer. Our cables are durable, flexible and able to withstand sterilization processes if needed. By following international standards we ensure that our cables are compatible with most major ESU's. Our cables are available in lengths 3 m, 4 m or 5 m.



Bipolar Cable

Instruments Connector: **USA 2-Pin Plug**
 Generator Connector: **4mm Banana Plug**
 Reusable Silicon 3m Cable **381-1100**
 Single Use 3m Cable **381-1102**



Bipolar Cable

Instruments Connector: **European Flat Plug**
 Generator Connector: **4mm Banana Plug**
 Reusable Silicon 3m Cable **381-1104**
 Single Use 3m Cable **381-1106**



Bipolar Cable

Instruments Connector: **USA 2-Pin Plug**
 Generator Connector: **Pin Distance 29mm**
 Reusable Silicon 3m Cable **381-1112**
 Single Use 3m Cable **381-1114**



Bipolar Cable

Instruments Connector: **European Flat Plug**
 Generator Connector: **Pin Distance 29mm**
 Reusable Silicon 3m Cable **381-1108**
 Single Use 3m Cable **381-1110**



Bipolar Cable

Instruments Connector: **Bipolar Artery Sealer**
 Generator Connector: **4mm Banana Plug**
 Reusable Silicon 3m Cable **381-1116**



European Bipolar Cable

Instruments Connector: **European Flat Plug**

Generator Connector: **Martin Type**

Reusable Silicon 3m Cable **381-1118**



US Bipolar Cable

Instruments Connector: **USA 2-Pin Plug**

Generator Connector: **Martin Type**

Reusable Silicon 3m Cable **381-1120**



European Bipolar Cable

Instruments Connector: **European Flat Plug**

Generator Connector: **Erbe Type**

Reusable Silicon 3m Cable **381-1122**



US Bipolar Cable

Instruments Connector: **USA 2-Pin Plug**

Generator Connector: **Erbe Type**

Reusable Silicon 3m Cable **381-1124**



Bipolar Cable

Instruments Connector: **Ethicon**

Generator Connector: **4mm Banana Plug**

Reusable Silicon 3m Cable **381-1126**



Monopolar Cable

Instruments Connector: **Screw Type**
Generator Connector: **Standard Bovie 8mm Plug**
Reusable Silicon 3m Cable **381-1128**



Monopolar Cable

Instruments Connector: **4mm Female Fitting**
Generator Connector: **Standard Bovie 8mm Plug**
Reusable Silicon 3m Cable **381-1130**



Monopolar Endoscopic Cable

Instruments Connector: **4mm Female Fitting**
Generator Connector: **4mm Banana Plug**
Reusable Silicon 3m Cable **381-1132**



Diathermy Cable

Instruments Connector: **4mm Male Fitting**
Generator Connector: **4mm Banana Plug**
Reusable Silicon 3m Cable **381-1134**



Diathermy Cable

Instruments Connector: **4.8mm Female Fitting**
Generator Connector: **4mm Banana Plug**
Reusable Silicon 3m Cable **381-1136**



Diathermy Cable

Instruments Connector: **4.8mm Female Fitting**
Generator Connector: **Stan. Bovie 8mm Plug**
Reusable Silicon 3m Cable **381-1138**

- 381-1150 Artery Sealer 6.5"
- 381-1152 Artery Sealer 7.5"
- 381-1154 Artery Sealer 8.5"
- 381-1156 Artery Sealer 9.5"
- 381-1158 Artery Sealer 10.5"



- 381-1160 Non-Stick Artery Sealer 6.5"
- 381-1162 Non-Stick Artery Sealer 7.5"
- 381-1164 Non-Stick Artery Sealer 8.5"
- 381-1166 Non-Stick Artery Sealer 9.5"
- 381-1168 Non-Stick Artery Sealer 10.5"



381-1170 BIPOLAR SCISSOR 18CM

381-1172 BIPOLAR SCISSOR 20CM



381-1174 BIPOLAR SCISSOR 18CM

381-1176 BIPOLAR SCISSOR 20CM





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