



SARAJ-UM-MUNIRA

TRADING CORP.



ELECTRO
SURGERY
INSTRUMENTS



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 SM



381-102 SM



381-104 SM



381-106 SM

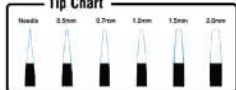


381-108 SM



381-110 SM

Tip Chart



The size can be changed as per your requirement. Just add the following extension to the tip size at the end of Ref. #. E.g. Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

Ref.	Item Name	No. Tip (mm)	Length Size (cm)
381-100	MCPHERSON	0.5	90.2
381-102	MCPHERSON ANGLED	0.5	90.2
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 SM



381-114 SM



381-116 SM



381-118 SM



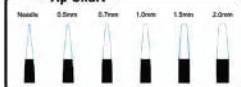
381-120 SM



381-122 SM

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 to suit your requirement, just order the following extensions:
At the end of the order list: 10" Needles: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



381-124 SM



381-126 SM



381-128 SM

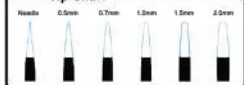


381-130 SM



381-132 SM

Tip Chart



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

Ref	Ref. Name	Tip Size (mm)	Length Size (mm)
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 SM



381-136 SM



381-140 SM



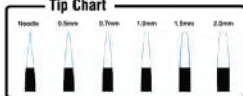
381-142 SM



381-142 SM

Ref	Work Source	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

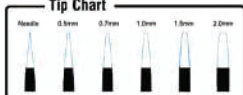
Tip Chart



Tip size can be changed as per your requirement, get table the following extension in tip size of the size of Ref. # 381-134 to 381-142, 0.5mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart



Tip size can be changed as per your requirement. Just add the following extensions to tip size at the end of Ref. n. BP-Needle, 0.5, 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

381-154 SM

381-156 SM

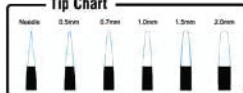
381-158 SM

381-160 SM

381-162 SM

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



No. size can be changed to use your requirement, just add the following extension at tip end of the end of Ref. # 381-154, 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 SM

381-166 SM

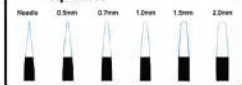
381-168 SM

381-170 SM

381-172 SM

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-164	STRAIGHT BIRIGATION	0.5, 1.0, 2.0	34
381-166	STRAIGHT BIRIGATION	0.5, 1.0, 2.0	27
381-168	STRAIGHT BIRIGATION	0.5, 1.0, 2.0	30
381-170	STRAIGHT BIRIGATION	0.5, 1.0, 2.0	18
381-172	STRAIGHT BIRIGATION	0.5, 1.0, 2.0	15

Tip Chart



Tip size can be changed as per your requirement. Just add the following extensions
H tip size at the end of Ref # 381-164, 381-166, 381-168, 381-170, 381-172

381-174 SM

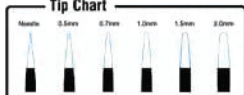
381-176 SM

381-178 SM

381-180 SM

381-182 SM

Tip Chart



Tip size can be changed to per your requirement, just add the following extensions:
W: tip size at the end of that; 4: 2mm, 5: 3mm, 6: 4mm, 7: 5mm & 2.0mm.

Ref	Needle Model	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 SM

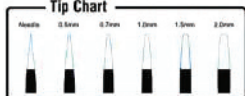
381-186 SM

381-188 SM

381-190 SM

381-192 SM

Tip Chart



Tip size varies (change) as per your requirement. Just add the following numbers to the tip size at the end of Ref # **BP**: Anisole, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (mm)
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 SM

381-196 SM

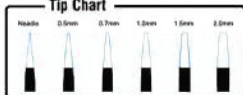
381-198 SM

381-200 SM

381-202 SM

Ref.	Steel Structure	Tip Size (mm)	Length (mm)
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 Chart



The size can be changed to suit your requirement, just add the following extension to the size of the end of tip in "mm". Example: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

381-204 SM

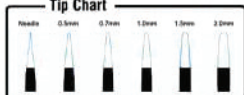
381-206 SM

381-208 SM

381-210 SM

381-212 SM

Tip Chart



Tip size can be changed as per your requirement. Just add the following order code to the 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 (mm)
381-204-N5	RAYONET	0.5, 1.0, 2.0	24
381-206-N5	RAYONET	0.5, 1.0, 2.0	22
381-208-N5	RAYONET	0.5, 1.0, 2.0	30
381-210-N5	RAYONET	0.5, 1.0, 2.0	38
381-212-N5	RAYONET	0.5, 1.0, 2.0	56.5



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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.*
- *Reusable, durable, and designed for multiple uses.*
- *Precision tip alignment aids fine control.*
- *The Instruments is autoclavable.*
- *Compatible with all common electrosurgery unit.*

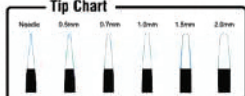


381-214 SM



381-216 SM

Tip Chart



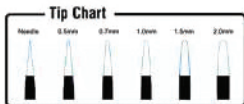
Tip size can be changed up per your requirement, just add the following information:
If tip size of the end of the Needle: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

Ref	Model Name	No. Size (mm)	Length Size (cm)
381-214-NS	JEWELLER #5	0.5, 1.0	31.5
381-206-NS	ADSON	0.5, 1.0	12



Ref	Item Name	No. Size (mm)	Length Size (cm)
381-218-N5	STRAIGHT	0.5, 1.0, 2.0	24
381-220-N5	STRAIGHT	0.5, 1.0, 2.0	22
381-222-N5	STRAIGHT	0.5, 1.0, 2.0	20
381-224-N5	STRAIGHT	0.5, 1.0, 2.0	18
381-226-N5	STRAIGHT	0.5, 1.0, 2.0	15

Note: Most Non-Stock Options Forfeited are available with NSE extension to any regular option forgoes



To see complete strategies to pass your registration, just add the following addresses to the end of the end of Ref. # **20**, **21**, **22**, **23**, **24**, **25**, **26**, **27**, **28**, **29**, **30**, **31**, **32**, **33**, **34**, **35**, **36**, **37**, **38**, **39**, **40**, **41**, **42**, **43**, **44**, **45**, **46**, **47**, **48**, **49**, **50**, **51**, **52**, **53**, **54**, **55**, **56**, **57**, **58**, **59**, **60**, **61**, **62**, **63**, **64**, **65**, **66**, **67**, **68**, **69**, **70**, **71**, **72**, **73**, **74**, **75**, **76**, **77**, **78**, **79**, **80**, **81**, **82**, **83**, **84**, **85**, **86**, **87**, **88**, **89**, **90**, **91**, **92**, **93**, **94**, **95**, **96**, **97**, **98**, **99**, **100**, **101**, **102**, **103**, **104**, **105**, **106**, **107**, **108**, **109**, **110**, **111**, **112**, **113**, **114**, **115**, **116**, **117**, **118**, **119**, **120**, **121**, **122**, **123**, **124**, **125**, **126**, **127**, **128**, **129**, **130**, **131**, **132**, **133**, **134**, **135**, **136**, **137**, **138**, **139**, **140**, **141**, **142**, **143**, **144**, **145**, **146**, **147**, **148**, **149**, **150**, **151**, **152**, **153**, **154**, **155**, **156**, **157**, **158**, **159**, **160**, **161**, **162**, **163**, **164**, **165**, **166**, **167**, **168**, **169**, **170**, **171**, **172**, **173**, **174**, **175**, **176**, **177**, **178**, **179**, **180**, **181**, **182**, **183**, **184**, **185**, **186**, **187**, **188**, **189**, **190**, **191**, **192**, **193**, **194**, **195**, **196**, **197**, **198**, **199**, **200**, **201**, **202**, **203**, **204**, **205**, **206**, **207**, **208**, **209**, **210**, **211**, **212**, **213**, **214**, **215**, **216**, **217**, **218**, **219**, **220**, **221**, **222**, **223**, **224**, **225**, **226**, **227**, **228**, **229**, **230**, **231**, **232**, **233**, **234**, **235**, **236**, **237**, **238**, **239**, **240**, **241**, **242**, **243**, **244**, **245**, **246**, **247**, **248**, **249**, **250**, **251**, **252**, **253**, **254**, **255**, **256**, **257**, **258**, **259**, **260**, **261**, **262**, **263**, **264**, **265**, **266**, **267**, **268**, **269**, **270**, **271**, **272**, **273**, **274**, **275**, **276**, **277**, **278**, **279**, **280**, **281**, **282**, **283**, **284**, **285**, **286**, **287**, **288**, **289**, **290**, **291**, **292**, **293**, **294**, **295**, **296**, **297**, **298**, **299**, **300**, **301**, **302**, **303**, **304**, **305**, **306**, **307**, **308**, **309**, **310**, **311**, **312**, **313**, **314**, **315**, **316**, **317**, **318**, **319**, **320**, **321**, **322**, **323**, **324**, **325**, **326**, **327**, **328**, **329**, **330**, **331**, **332**, **333**, **334**, **335**, **336**, **337**, **338**, **339**, **340**, **341**, **342**, **343**, **344**, **345**, **346**, **347**, **348**, **349**, **350**, **351**, **352**, **353**, **354**, **355**, **356**, **357**, **358**, **359**, **360**, **361**, **362**, **363**, **364**, **365**, **366**, **367**, **368**, **369**, **370**, **371**, **372**, **373**, **374**, **375**, **376**, **377**, **378**, **379**, **380**, **381**, **382**, **383**, **384**, **385**, **386**, **387**, **388**, **389**, **390**, **391**, **392**, **393**, **394**, **395**, **396**, **397**, **398**, **399**, **400**, **401**, **402**, **403**, **404**, **405**, **406**, **407**, **408**, **409**, **410**, **411**, **412**, **413**, **414**, **415**, **416**, **417**, **418**, **419**, **420**, **421**, **422**, **423**, **424**, **425**, **426**, **427**, **428**, **429**, **430**, **431**, **432**, **433**, **434**, **435**, **436**, **437**, **438**, **439**, **440**, **441**, **442**, **443**, **444**, **445**, **446**, **447**, **448**, **449**, **450**, **451**, **452**, **453**, **454**, **455**, **456**, **457**, **458**, **459**, **460**, **461**, **462**, **463**, **464**, **465**, **466**, **467**, **468**, **469**, **470**, **471**, **472**, **473**, **474**, **475**, **476**, **477**, **478**, **479**, **480**,



381-228 SM



381-230 SM



381-232 SM

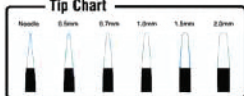


381-234 SM



381-236 SM

Tip Chart



Tip size can be changed at per user requirement, just visit the following references
R Tip size of the end of Ref A - 10" 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 with NS extension to any regular bipolar forceps.



381-238 SM



381-240 SM



381-242 SM



381-244 SM

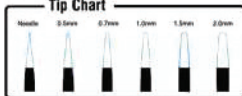


381-246 SM

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: Silver Non Stick Bipolar Forceps are available with TSS extension to any regular bipolar forceps.

Tip Chart



Tip size can be changed as per your requirement, just call the following extension:
If tip size of the end of Ref. # 381-238 NS, 0.5mm, 1.0mm, 1.5mm & 2.0mm



381-248 SM



381-250 SM



381-252 SM

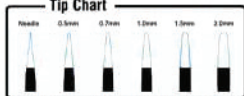


381-254 SM



381-256 SM

Tip Chart



Tip size can be changed as per your requirement. Just add the following extension to the tip size at the end of Ref. #. BP, Needle, SS, S, Therm, T, Green, L, Green & S Green

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

Note: Silver Non-Stick Bipolar Forceps are available with PDS extension in any regular bipolar forceps.

381-258 SM

381-260 SM

381-262 SM

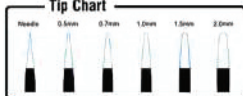
381-264 SM

381-266 SM

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

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

Tip Chart



Tip size can be changed as per your requirement. Just add the following extension to the tip size at the end of Ref. e.g. BP Needle 10, 0.5mm, 1.0mm, 1.5mm & 2.0mm.



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 Instrument is autoclavable.*
- *Compatible with all common electrosurgery unit.*

381-268 SM

381-270 SM

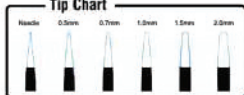
381-276 SM

381-280 SM

381-286 SM

Ref	Form factor	Tip Size (mm)	Length Size (cm)
381-268	MORPHERSON	0.5, 0.7, 1.0	30.2
381-270	MORPHERSON ANGLED	0.5, 0.7, 1.0	30.2
381-276	JEWELLER #5	0.5, 0.7, 1.0	31.5
381-280	JEWELLER #4	0.5, 0.7, 1.0	31.5
381-286	895 STRAIGHT	0.5, 0.7, 1.0	30.8

Tip Chart



Tip size can be changed as per your requirement, just add the following extension
to tip size of the end of Ref # 381: 0.5mm, 0.7mm, 1.0mm, 1.5mm & 2.0mm



381-288 SM



381-290 SM



381-292 SM



381-294 SM



381-296 SM

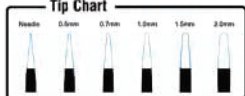


381-300 SM



381-304 SM

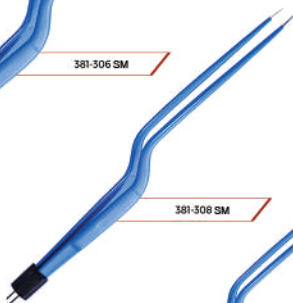
Tip Chart



No. 181 is a series of straight and curved bipolar forceps. All sizes are available in the following configurations:

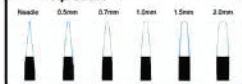
181 tip size at the end of 181 is: 181 Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-288	IRIS ANGLED	0.5, 0.7, 1.0	10.8
381-290	ACSON	0.5, 0.7, 1.0	12
381-292	SEMION	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 BIFONET	0.5, 1.0, 1.5	18.4



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

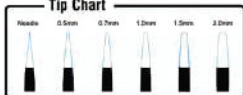
Tip Chart



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



Tip Chart



Tip size can be changed to suit your requirement, get add the following extensions if tip size at the end of Ref # 381-312, 381-314, 381-316, 381-318, 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 SM



381-284 SM



381-286 SM



381-288 SM



381-292 SM



381-294 SM



381-296 SM



381-302 SM



Tip Chart



Ref	Item Name	Tip Size (mm)	Length Size (mm)
381-282	Jawveller #4	Needle	11.5
381-284	Jawveller #7	Needle	11.5
381-286	Action	1.0	13.0
381-288	Port's Smith	2.0	17.8
381-292	Port's Smith	2.0	31.0
381-292	Port's Smith	2.0	34.1
381-294	Jensen & Boyconell	1.5	13.3
381-296	Jensen & Boyconell	1.5	13.9
381-298	Jensen & Boyconell	2.0	19.1
381-300	Jensen & Boyconell	2.0	31.0
381-302	Jensen & Boyconell LP	2.0	19.1
381-304	Jensen & Boyconell LP	2.0	31.0

Tip size can be changed as per your requirement, just add the following extension
If tip size of the end of Ref # 281 Needle, 0.5, 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 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 SM



381-346 SM

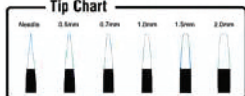


381-350 SM



381-352 SM

Tip Chart



Tip size can be changed as per your requirement. Just add the following extension to tip size at the end of Ref # **SM**. Available: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm

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



381-356 SM



381-360 SM



381-362 SM

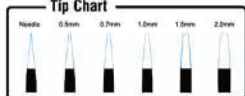


381-364 SM



381-366 SM

Tip Chart



Tip size can be changed to per your requirement, and add the following extension
At the end of the end of the tip at 0.5mm, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

Ref	Check Name	Tip Size (mm)	Length Size (cm)
381-354-NS	MOPHERSON	NEEDLE 0.5	10.2
381-356-NS	MOPHERSON ANGLED	NEEDLE 0.5	10.2
381-360-NS	JEWELLER'S ANGLED	NEEDLE 0.5	11.5
381-362-NS	JEWELLER'S	NEEDLE 0.5	11.5
381-364-NS	ADSON	0.5, 1.0	12
381-366-NS	SEMUKUN	0.5, 1.0	14

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

381-368 SM

381-370 SM

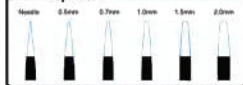
381-372 SM

SM 381-374 SM

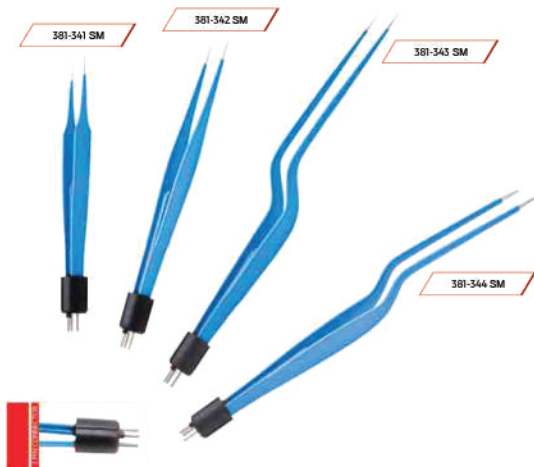
381-378 SM

Ref	Brand 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	CERIALD 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

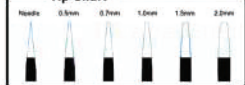
Tip Chart



Tip size can be changed as per your requirement. Just select the following parameters:
At the top of the end of Ref # - TIP: Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm



Tip Chart

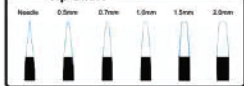


To size can be changed to per your requirement. Just add the following characters
At the end of the model of Ref A: BF, needles: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-341-HS	Jeweller #4	0.3	11.5
381-342-HS	Serrain	0.7	14.0
381-343-HS	Jensen Reasonel	0.7	19.1
381-344-HS	Scoville Greenwood	1.5	19.7



Tip Chart



Ref	Item Name	Tip Size (mm)	Length Size (cm)
381-345-S	Jensen Boydnet	2.0	19.0
381-346-S	Jensen Boydnet	2.0	21.0
381-347-S	Perfs-Smith	2.0	21.0
381-348-S	Perfs-Smith	2.0	24.0

No size can be changed to per your measurement, just add the following extension.
If tip size of the size of Ref # BP: Needle (0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm)



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	Tp Size (mm)	Length Size (cm)
381-350	Tuner Warwick Scissors (STR)	-	17.8
381-352	Tuner Warwick Scissors (CRV)	-	17.8
381-358	Tuner Warwick Scissors (STR)	-	23.0
381-360	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	-	17.8
381-384	Richie Forceps	-	17.8
381-386	Richie Forceps	-	23.0
381-388	Richie Forceps	-	23.0

EUROPEAN MONOPOLAR FEMALE 4.8MM CONNECTOR

Ref	Item Name	Tp 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	-	17.8
381-424	Richie Forceps	-	17.8
381-426	Richie Forceps	-	23.0
381-428	Richie Forceps	-	23.0



Adson
381-430



McINDOE
381-432



Giles
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	Giles	-	15.0
381-436	Giles	-	17.8
381-438	Giles	-	20.0
381-440	Giles	-	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 4.8MM 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	Giles	-	15.0
381-370	Giles	-	17.8
381-372	Giles	-	20.0
381-374	Giles	-	24.0
381-476	Dissecting	1.0, 2.0	15.0
381-478	Dissecting	1.0, 2.0	17.8
381-480	Dissecting	1.0, 2.0	21.0
381-482	Dissecting	1.0, 2.0	24.1
381-484	Gerald 1x2	-	17.8
381-486	Adson Bayonet	1.0, 2.0	16.0
381-488	Adson Bayonet	1.0, 2.0	19.1
381-490	Adson Bayonet Angled UP	1.0, 2.0	16.0
381-492	Adson Bayonet Angled UP	1.0, 2.0	19.1
381-494	Adson Bayonet Angled UP	1.0, 2.0	21.0
381-496	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	Giles	-	15.0
381-504	Giles	-	17.8
381-506	Giles	-	20.0
381-508	Giles	-	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	Giles	-	15.0
381-538	Giles	-	17.8
381-540	Giles	-	20.0
381-542	Giles	-	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 SM



381-526 SM



381-528 SM



381-530 SM

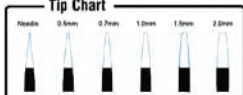


381-532 SM



381-534 SM

Tip Chart



Needle can be changed as per your requirement, get add the following extensions at the end of Ref. #. SF, Needle, 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.

Ref.	Part Name	No. Size (mm)	Length Size (mm)
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 SM

381-538 SM

381-540 SM

Erbe

381-542 SM

381-544 SM

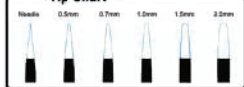
Flat switch 2 pin

381-546 SM

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 Size DP (disposable) to any regular Bipolar Forceps.

Tip Chart



Tip size can be changed as per your requirement, as I add the following extensions
R tip size at the end of Ref. #. **DP** - Heads: 0.5, 0.7mm, 1.0mm, 1.5mm & 2.0mm.



381-548 SM



381-552 SM



381-556 SM



381-558 SM

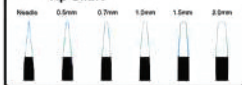


381-560 SM



381-562 SM

Tip Chart



Tip size can be changed as per your requirement, just call the following extensions
to tip size at the end of Ref ID: **Needle** (0.5, 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'S	NEEDLE, 0.5	11.5
381-556 DP	ADCON	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 than DP extension to any Bipolar Bipolar Forceps



381-564 SM



381-566 SM



381-568 SM



381-570 SM



381-574 SM

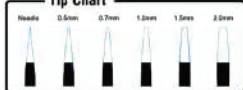


381-576 SM

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'S	NEEDLE 0.5	11.5
381-570 DP	STRAIGHT	0.5, 0.8, 1.5, 2.0	20
381-574 DP	BAYONET	0.5, 1.0, 1.5, 2.0	20
381-576 DP	JEWELLER'S NON-STICK	NEEDLE 0.5	11.5

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

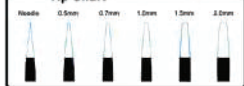
Tip Chart



To view our line of other products visit our website at: www.saraj-um-munira.com
Or tip size of the end of the DP: 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 extension to the size at the end of Ref. #: **TP** - Round, 0.5, 0.7mm, 1.0mm, 1.5mm & 3.0mm.

Ref.	Part Name	Tip Size (mm)	Length Size (cm)
381-578 DP	ADGON 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	BYONET NON-STICK	0.5, 1.0, 1.5, 2.0	20

Note: Non-Disposable Bipolar Forceps are Available like 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.



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

Disposable Tube



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



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

Disposable Tube



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



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

Disposable Tube



Medium 381-628
Large 381-630



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

Disposable Tube



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
With Smoke Evacuation Tube
Medium 381-652
Large 381-654

Medium 381-656
Large 381-658



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



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

Disposable Tube



Medium 381-668
Large 381-670



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

Disposable Tube



Medium 381-676
Large 381-678



Lateral Retractor
Wide Open
381-680



Rigby Retractor
Wide Open
381-682



Gelpi Retractor
Wide Open
381-684



Kogan 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



**Camplan
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.*



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 381-854
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



Coagulation 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: 381-1004-S Reusable: 381-1004-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: 381-1036-S Reusable: 381-1036-R



Circle Loop Electrode 8mm 0.7cm

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



Circle Loop Electrode 10mm 0.7cm

Disposable: 381-1040-S Reusable: 381-1040-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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