



symmetry surgical® | **Bovie**®

**PRODUCT CATALOG**





# WILLIAM T. BOVIE - THE INVENTOR OF ELECTROSURGERY

The first use of the Bovie® electrosurgical generator in an operating room was on October 1, 1926, at Peter Bent Brigham Hospital in Boston, Massachusetts. A few days earlier (September 28, 1926) Dr. Harvey Cushing had been unsuccessful in removing a mass from a patient's head due to its highly vascular nature. In Dr. Cushing's notes from October 1, "...with Dr. Bovie's help I proceeded to take off most satisfactorily the remaining portion of tumor with practically none of the bleeding which was occasioned in the preceding operation."

Almost a century later, Symmetry Surgical® continues to improve the work of Dr. Bovie. This catalog represents our Energy Solution portfolio, including Bovie electrosurgical generators, high-frequency desiccators, monopolar and Olsen® bipolar instrumentation, smoke evacuation, lighting, cauteries, colposcopes and more. The work continues today, but our sincere thanks go out to Dr. Cushing and Dr. Bovie for their incredible invention.

The Bovie® electrosurgery portfolio is one of Symmetry Surgical's valued brands. Symmetry Surgical is a leading healthcare company that develops, manufactures, and markets high-quality surgical instrumentation, energy and smoke evacuation products that meet clinician needs to positively impact patients and the economics of surgical care. Our broad portfolio of single-use, limited-use and reusable surgical instruments are used in every surgical specialty in sites of care around the world.

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**RoHS Compliant**

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# ELECTROSURGERY



# BOVIE® OR | PRO 300 ELECTROSURGICAL GENERATOR

The Bovie® OR | PRO 300 system was designed in conjunction with O.R. clinicians to provide a safe, user-friendly generator to meet all operating room procedure performance demands. This innovative energy-based device offers 13 modes of surgical energy delivery. Special modalities include the advanced Bovie® Bipolar, Auto Bipolar options, as well as special Laparoscopic modes that enable surgeons to select the right generator to meet their requirements for a variety of surgical applications and preferences.



## Style # A3350

### ▼ Products Included

**A3350** (1) electrosurgical generator  
 110 VAC Hospital-grade power cord\*  
 220 VAC Hospital-grade power cord\*  
 User's guide (**MC-55-230-001**)\*

### Dimensions

Height: 16.5cm (6.5")  
 Width: 37.5cm (14.75")  
 Depth: 46cm (18.1")  
 Weight: <9.07kg (<20lbs)

### Output Power

Cut I & II: 300 watts  
 Blend (1-4): 200 watts  
 Pinpoint Coagulation: 120 watts  
 Spray Coagulation: 120 watts  
 Gentle Coagulation: 120 watts  
 Macro Bipolar: 150 watts  
 Micro Bipolar: 80 watts  
 Standard Bipolar: 50 watts  
 Bovie® Bipolar: 225  
 Auto Bipolar: 80

### Output Frequency

490 kHz ± 5 kHz

### Line Voltage

100 – 240 VAC

### Line Frequency

50 – 60 Hz

### Warranty: **FOUR YEARS**

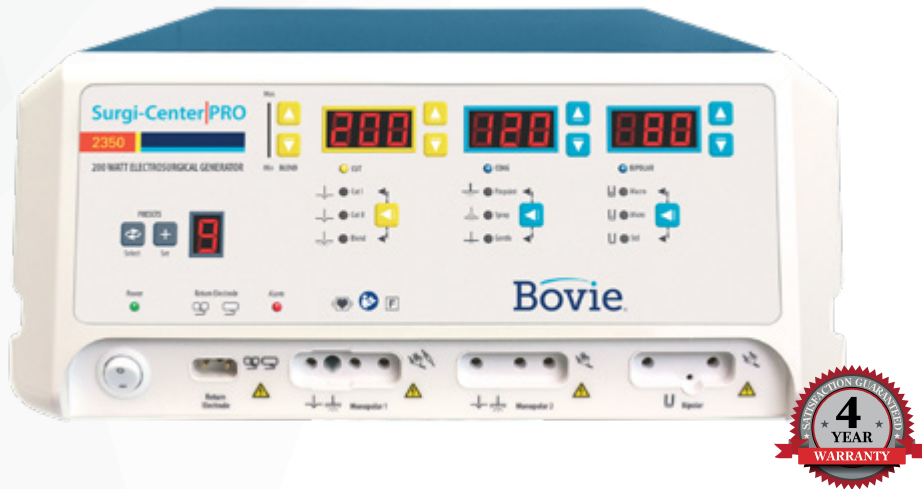
\* Not Pictured

† Sold Separately

★ RECOMMENDED ACCESSORIES †			
BV-1253B		.BV-1254B	
ESRE		A821	
A1255A	A827V	ESP1, ESP6 or ESPR2	BV-IDS-CS2

# BOVIE® SURGI-CENTER | PRO ELECTROSURGICAL GENERATOR

The Bovie® Surgi-Center | PRO Electrosurgical Generator is commonly used for cutting, coagulation and ablation of tissue in general, gynecologic, orthopedic, ENT and urological procedures performed in an operating suite or procedure room. The unit was designed to provide an electrosurgery solution capable of most operating room demands in an affordable 200 watt generator. The unit offers 12 options of energy delivery for a variety of surgical application; two cut, four blend, three coagulation and three bipolar modalities.



## Style # A2350

### ▼ Products Included

**A2350** (1) electrosurgical generator  
110 VAC Hospital-grade power cord\*  
220 VAC Hospital-grade power cord\*  
User's guide (**MC-55-232-001**)\*

### Dimensions

Height: 16.5cm (6.5")  
Width: 37.5cm (14.75")  
Depth: 46cm (18.1")  
Weight: <9.07kg (<20 lbs)

### Output Power

Cut I & II: 200 watts  
Blend (1-4): 200 watts  
Pinpoint Coagulation: 120 watts  
Spray Coagulation: 120 watts  
Gentle Coagulation: 120 watts  
Macro Bipolar: 80 watts  
Micro Bipolar: 80 watts  
Standard Bipolar: 50 watts

### Output Frequency

490 kHz ± 5 kHz

### Line Voltage

100 – 240 VAC

### Line Frequency

50 – 60 Hz

### Warranty: FOUR YEARS

\* Not Pictured

† Sold Separately

## ★ RECOMMENDED ACCESSORIES †



BV-1253B



BV-1254B



ESRE



A821



A1255A



A827V



ESP1, ESP6 or ESPR2



BV-IDS-CS2



# SPECIALIST | PRO HIGH-FREQUENCY ELECTROSURGICAL GENERATOR

The Specialist | PRO is the affordable solution for the busy physician office or specialty facility. Capable of most monopolar and bipolar surgical procedures and packed with dependable safety features, the Specialist | PRO satisfies the physician's surgical demands with safety, reliability and convenience. When paired with the Bovie® Smoke Shark® II Smoke Evacuator, it is a total system solution for procedures and facilities that require smoke evacuation.



## Style # A1250S

### ▼ Products Included

- A1250S** (1) electrosurgical generator
- ESP1** (1) sterile disposable pencil
- ES01** (1) blade sterile disposable electrode
- ES02** (1) needle sterile disposable electrode
- ES20** (1) ball sterile disposable electrode
- ESRE** (5) disposable split return electrodes
- A1252C** (2) reusable grounding cords  
110 VAC Hospital-grade power cord\*  
220 VAC Hospital-grade power cord\*  
User's guide (**MC-55-237-001**)\*

### Dimensions

Height: 15.2cm (6")  
Width: 26cm (10.25")  
Depth: 30.5cm (12")  
Weight: < 6.5kg (< 14 lbs.)

### Output Power

Cut: 120 watts  
Blend: 90 watts  
Coagulation: 80 watts  
Fulguration: 40 watts  
Bipolar: 30 watts

### Output Frequency

350 – 600 kHz

### Line Voltage

100-240 VAC

### Line Frequency

50 – 60 Hz

### Warranty: **FOUR YEARS**

\* Not Pictured  
† Sold Separately

## ▼ PRODUCTS INCLUDED



## ★ RECOMMENDED ACCESSORIES †



# SPECIALIST | PRO-G OB/GYN TOTAL SYSTEM SOLUTION

The A1250S-G combines the Specialist | PRO package with a Bovie® Smoke Shark® II smoke evacuation system and the latest mobile stand technology to produce a compact, mobile system for the office or specialty facility. As an added benefit, the A1250S-G includes a loop electrode kit (five of our most popular loops), five extended ball electrodes and a smoke evacuator hose reducer fitting for attaching to a vaginal speculum.

## ▼ PRODUCTS INCLUDED



## Style # A1250S-G

### ▼ Products Included

#### Electrosurgery equipment

- A1250S** (1) electrosurgical generator
- ESP1** (1) disposable pencil
- ES01** (1) blade sterile disposable electrode
- ES02** (1) needle sterile disposable electrode
- ES20** (1) ball sterile disposable electrode
- ESRE** (5) disposable split return electrodes
- A1252C** (2) reusable grounding cords
- ES07** (5) extended ball electrodes
- 110 VAC Hospital-grade power cord\*
- 220 VAC Hospital-grade power cord\*
- User's guide (**MC-55-237-001**)\*

#### ESLK electrosurgical loop kit

- ES09** (1) 10mm x 10mm loop
- ES11** (1) 15mm x 10mm loop
- ES12** (1) 20mm x 8mm loop
- ES13** (1) 20mm x 15mm loop
- ES16** (1) 10mm x 8mm square

#### Mobile stand

- ESMS2** (1) mobile stand for A1250S

#### Smoke evacuation system

- SE02** (1) Smoke Shark® II with pneumatic footswitch
- SF35** (1) 35-hour filter
- 786T** (1) 7/8" (22.2mm) tube x 6' (182.9cm) long
- SERF** (1) reducer fitting (attaches to vaginal speculum)
- 110 VAC Hospital-grade power cord\*
- User's guide (**MC-23088**)\*

# BOVIE® BANTAM | PRO

The Bovie® Bantam | PRO is a high frequency desiccator that also has cutting ability. The unit provides 50 watts of cutting power and coagulation modes – plenty of power for most procedures performed in the doctor’s office. Power is adjustable in 1/10th watt increments from 0 to 10 watts, for the most accurate output available.



## Style # A952

### ▼ Products Included

- A952** (1) electrosurgical generator
  - A902** (1) handpiece
  - A804** (5) non-sterile sharp dermal tips
  - A805** (2) sterile sharp dermal tips
  - A806** (5) non-sterile blunt dermal tips
  - A807** (2) sterile blunt dermal tips
  - A806DE** (2) non-sterile DERM-Elite™ Premium blunt dermal tips
  - A807DE** (2) sterile DERM-Elite Premium blunt dermal tips
  - ES01** (3) blade sterile disposable electrodes
  - ES02** (1) needle sterile disposable electrodes
  - ES20** (1) ball sterile disposable electrodes
  - A910** (2) non-sterile disposable handpiece sheaths
  - A910ST** (2) sterile disposable handpiece sheaths
  - A1252C** (2) reusable grounding cord\*
  - ESRE** (5) disposable split grounding pads\*
  - A837** (1) wall mount kit
- 110 VAC Hospital-grade power cord\*  
User’s guide **(MC-55-238-001)\***

### ▼ PRODUCTS INCLUDED

 <p>A902</p>	 <p>A804, A805, A806, A807, A806DE, A807DE</p>
 <p>ES01, ES02, ES20</p>	 <p>A837</p>
 <p>A910</p>	 <p>A910ST</p>

### Dimensions

Height: 188 mm (7.40 in.)  
Width: 228 mm (8.98 in.)  
Depth: 105 mm (4.13 in.)  
Weight: < 2.26 kg (< 5 lbs.)

### Output Power

Cut: 50 watts  
Blend: 50 watts  
Coagulation: 50 watts  
Fulguration: 40 watts  
Bipolar: 40 watts  
Micro Bipolar: 40 watts

Output Frequency: 304-451 kHz

Line Frequency: 50-60 Hz

Line Voltage: 100-240 VAC

Warranty: FOUR YEARS

# BOVIE® BANTAM | PRO A952-G

The A952-G combines the Bovie® Bantam | PRO A952 with the Bovie® Smoke Shark® II smoke evacuation system and a mobile stand to produce a compact, complete mobile system for the office. As an added benefit, the A952-G includes a loop electrode kit (five of our most popular loops), five extended ball electrodes and a smoke evacuation hose reducer that attaches to a vaginal speculum.

## ▼ PRODUCTS INCLUDED



## Style # A952-G

### ▼ Products Included

#### Electrosurgery equipment

- A952** (1) electrosurgical generator
- A902** (1) handpiece
- A804** (5) non-sterile sharp dermal tips
- A805** (2) sterile sharp dermal tips
- A806** (5) non-sterile blunt dermal tips
- A807** (2) sterile blunt dermal tips
- A806DE** (2) non-sterile DERM-Elite™ Premium blunt dermal tips
- A807DE** (2) sterile DERM-Elite Premium blunt dermal tips
- ES01** (3) blade sterile disposable electrodes
- ES02** (1) needle sterile disposable electrodes
- ES20** (1) ball sterile disposable electrodes
- A910** (2) non-sterile disposable handpiece sheaths
- A910ST** (2) sterile disposable handpiece sheaths
- A1252C** (2) reusable grounding cords\*
- ESRE** (5) disposable split grounding pads\*
- A837** (1) wall mount kit
- ES07** (5) extended ball electrodes
- 110 VAC Hospital-grade power cord\*
- User's guide (**MC-55-238-001**)\*

#### ESLK electrosurgical loop kit

- ES09** (1) 10mm x 10mm loop
- ES11** (1) 15mm x 10mm loop
- ES12** (1) 20mm x 8mm loop
- ES13** (1) 20mm x 15mm loop
- ES16** (1) 10mm x 8mm square

#### A812-C Mobile stand

- A812** (1) mobile stand for A952
- A812-E** (1) height extender for A812
- A808-T** (1) top tray and clamp for A812
- A812-BT** (1) bottom tray for A812

#### Smoke evacuation system

- SE02** (1) Smoke Shark® II with pneumatic footswitch
- SF35** (1) 35-hour filter
- 786T** (1) 7/8" (22.2mm) tube x 6' (182.9cm) long
- SERF** (1) reducer fitting (attaches to vaginal speculum)

110 VAC Hospital-grade power cord\*  
User's guide (**MC-23088**)\*

# BOVIE® DERM 942

The DERM 942 High Frequency Desiccator and its patent pending handpiece are designed and engineered to be reliable and durable. The unit's life is prolonged by incorporating the latest in chip technology and reducing the number of internal parts, thereby generating less internal heat. Post-procedure and long-term clean-up are simplified by its non-absorbing, non-staining, high impact plastic case. Power is adjustable in 1/10th watt increments in the first 10 watts, in monopolar and bipolar. The Bovie® DERM 942 is a ground reference unit, which means no grounding pad is required.



## Style # A942

### ▼ Products Included

- A942** (1) high frequency desiccator
- A902** (1) handpiece
- A804** (5) non-sterile sharp dermal tips
- A805** (2) sterile sharp dermal tips
- A806** (5) non-sterile blunt dermal tips
- A807** (2) sterile blunt dermal tips
- A806DE** (2) non-sterile DERM-Elite™ Premium blunt dermal tips
- A807DE** (2) sterile DERM-Elite Premium blunt dermal tips
- A910** (2) non-sterile disposable handpiece sheaths
- A837** (1) wall mount kit, 110 VAC Hospital-grade power cord\*  
User's guide (**MC-55-239-001**)\*

### Dimensions

- Height: 188mm (7.40")
- Width: 228mm (8.98")
- Depth: 105mm (4.13")
- Weight: < 2.26kg (< 5lbs.)

### Output Power

To 40 watts (0-10 watts in 1/10th watt increments on both monopolar and bipolar)

### Line Voltage

100-240 VAC

**Output Frequency:** 328-492 kHz

**Line Frequency:** 50-60 Hz

**Warranty:** **FOUR YEARS**

\*Not Pictured

### ▼ PRODUCTS INCLUDED

 <p>A902</p>	 <p>A804, A805, A806, A807, A806DE, A807DE</p>
 <p>A837</p>	 <p>A910</p>

# DERM 102 HIGH FREQUENCY DESSICATOR

The DERM 102 is an economical, 10 watt high frequency desiccator, thoughtfully designed to give practitioners the ability to perform in-office, minor skin procedures such as the removal of skin tags, benign lesions and premalignant lesions. The DERM 102 High Frequency Desiccator offers ten watts of monopolar and bipolar power, adjustable in 1/10th watt increments, to desiccate and fulgurate tissue. The power can be adjusted using the 3-Button Power Control Handpiece (A902) or using the rotary dial on the unit. The unit features a large, bright, LED display for excellent visibility across the procedure room.



## Style # DERM 102

### ▼ Products Included

- DERM 102** (1) high frequency desiccator
  - A902** (1) handpiece
  - A910** (2) non-sterile, disposable handpiece sheaths
  - A804** (5) non-sterile single-use sharp dermal tips
  - A805** (2) sterile single-use sharp dermal tips
  - A806** (5) non-sterile single-use blunt dermal tips
  - A807** (2) sterile single-use blunt dermal tips
  - A806DE** (2) non-sterile DERM-Elite™ Premium blunt dermal tips
  - A807DE** (2) sterile DERM-Elite Premium blunt dermal tips
  - A837** (1) wall mount kit
- 110 VAC Hospital-grade power cord\*  
User's guide CD (**MC-55-229-001**)\*

### Dimensions

- Height: 208mm (8.2")
- Width: 184mm (7.2")
- Depth: 69mm (2.7")
- Weight: < 1.4kg (< 3 lbs.)

### Output Power

- Up to 10 watts (0-10 watts in 1/10th watt increments on both monopolar and bipolar)

### Line Voltage

- 100-240 VAC

### Line Frequency: 50 – 60 Hz

### Main Current: 320 mA Max.

### Warranty: FOUR YEARS





\* Not Pictured

### ▼ PRODUCTS INCLUDED



# ELECTROSURGERY PENCILS

Most Bovie® electrosurgery pencils utilize a three-pin industry-standard connection and are compatible with most electrosurgical generators. The disposable pencils feature standard pushbutton, rocker switch or foot-control (1-pin connection) activation. The pencils come in a variety of individually packaged sterile kit configurations that include holsters, scratch pads, stainless steel electrodes or Resistick II™ Coated Electrodes. All disposable pencils are packaged individually sterile. Additionally, Bovie® offers two reusable pencils with 3-pin connection for high watt units. The ESPR2 fits standard 3/32" electrodes and is validated for up to 100 autoclave cycles. The ESPR-EL fits special 1/16 electrodes and is validated for up to 25 autoclave cycles.

REUSABLE PENCILS			
	<b>ESPR2*</b> Autoclavable reusable pencil, validated to one hundred (100) autoclave cycles, non-sterile - 1/box (electrode not included)		<p>*Pencils using a standard 3-prong connector</p> 
	<b>ESPR-EL*</b> Autoclavable reusable pencil, validated to twenty-five (25) autoclave cycles, 1/16th" collet, non-sterile - 1/box (electrode not included)		
	<b>A902</b> autoclavable reusable 3-button pencil for A952, A942, DERM 102, DERM 101 - comes with generator or 1/box		
DISPOSABLE PENCILS			
	<b>ESP1*</b>	<b>ESP1 PUSH-BUTTON CONFIGURATIONS</b>	<b>RESISTICK II™ PENCIL CONFIGURATIONS</b>
	<b>ESP1T*</b>	<b>ESP1</b> pencil, blade - 50/box <b>ESP1H</b> pencil, blade, holster - 40/box	<b>ESP1T</b> disposable pencil, ES01T coated blade - 50/box <b>ESP1TN</b> disposable pencil, ES02T coated blade - 50/box
	<b>ESP1TN*</b>	<b>ESP1HS</b> pencil, blade, holster, scratch pad - 40/box <b>ESP1N</b> pencil, needle - 50/box <b>ESP1HN</b> pencil, needle, holster - 40/box	
	<b>ESP6</b>	<b>ESP6 ROCKER SWITCH CONFIGURATIONS</b> <b>ESP6</b> pencil, blade - 50/box <b>ESP6H</b> pencil, blade, holster - 40/box	<b>RESISTICK II PENCIL CONFIGURATIONS</b> <b>ESP6T</b> disposable pencil, ES01T coated blade - 50/box
	<b>ESP6T*</b>	<b>ESP6HS</b> pencil, blade, holster, scratch pad - 40/box <b>ESP6N</b> pencil, needle - 50/box <b>ESP6HN</b> pencil, needle, holster - 40/box	
	<b>ESP7†</b>	<b>ESP7 FOOT-CONTROL CONFIGURATIONS</b> <b>ESP7</b> pencil, blade - 50/box <b>ESP7H</b> pencil, blade, holster - 40/box	<p>† Pencils using a single pin connector</p> 

## ADDITIONAL ACCESSORIES

Disposable handpiece sheaths are used in conjunction with electrosurgery pencils to provide a cost-effective alternative to continuous sterilization. The use of handpiece sheaths significantly increases the life of the reusable pencils.

			
<b>A910*</b> disposable handpiece sheath, non-sterile - 100/box	<b>A910ST*</b> disposable handpiece and cord sheath, sterile, 38" (96.52 cm) - 25/box	<b>ESPH</b> disposable pencil holster, sterile - 40/box	<b>ESSP</b> disposable scratch pad - 40/box

\* Pencil not included

## SUCTION COAGULATORS

Suction coagulators allow fluid evacuation with or without simultaneous coagulation. Suction coagulators are compatible with Bovie® generators, as well as most competitors' generators. The devices feature three different diameters, 6" flexible shaft and hand or foot activation. The single-use devices are individually packaged sterile, 10 per box.









### HANDSWITCH SUCTION COAGULATORS

Catalog Number	Description	Tube Diameter (French Size)	Cable Length
<b>SCH08</b>	Disposable	08 Fr	3m
<b>SCH10</b>	Disposable	10 Fr	3m
<b>SCH12</b>	Disposable	12 Fr	3m



### FOOTSWITCH SUCTION COAGULATORS

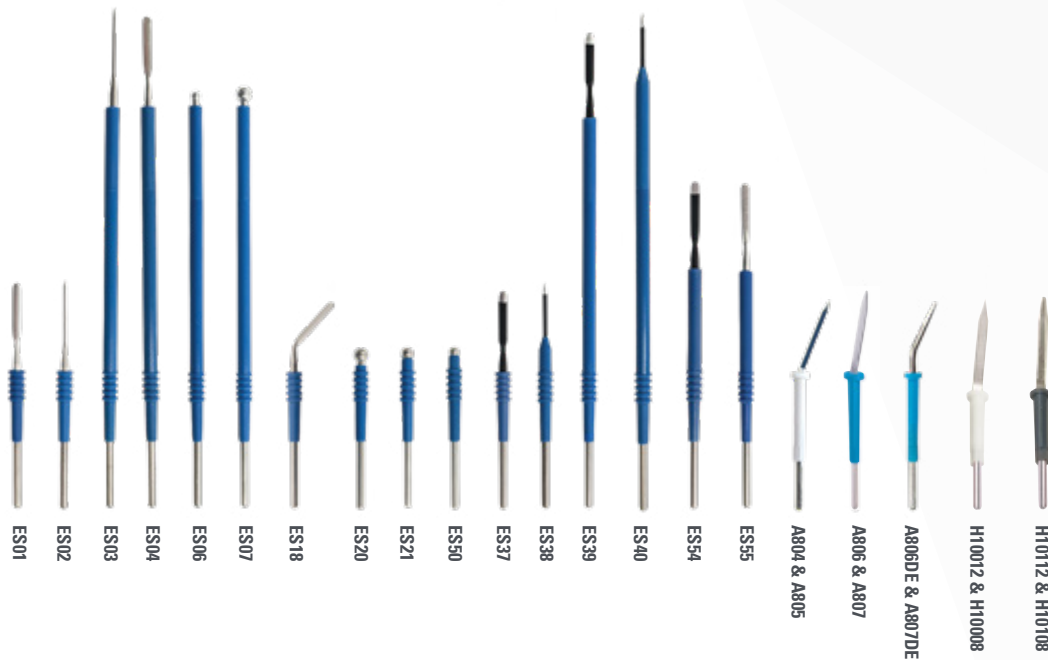
Catalog Number	Description	Tube Diameter (French Size)	Cable Length
<b>SCF08</b>	Disposable	08 Fr	3m
<b>SCF10</b>	Disposable	10 Fr	3m
<b>SCF12</b>	Disposable	12 Fr	3m

			
French Gauge	12	10	8
Diameter (mm)	4	3.3	2.7
Diameter (inches)	0.158	0.131	0.105
			



# ELECTRODES

All electrodes utilize the standard 3/32" (2.3mm) stainless steel shaft. The molded electrodes feature safety grip insulators combining patient and user safety with easy insertion into, and removal from, the surgical pencil. Electrodes are manufactured to the highest standards. They come individually packaged sterile or in non-sterile options.\*

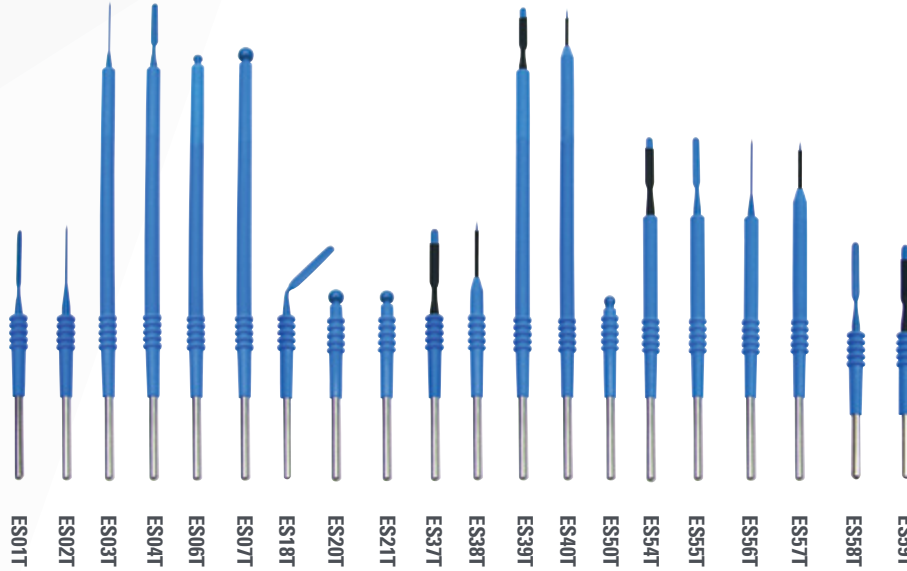















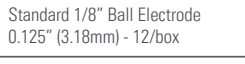

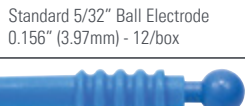
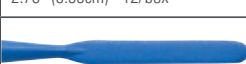
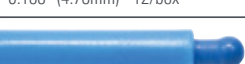
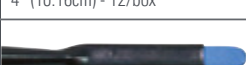
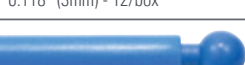
\* non-sterile and not packaged individually

	<b>A804* Non-Sterile</b> <b>A805 Sterile</b>		<b>ES01</b>		<b>ES50</b>		<b>ES02</b>
Sharp Dermal Tip for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box		Standard Blade Electrode 2.75" (6.99cm) - 50/box		Standard 1/8" Ball Electrode 0.125" (3.18mm) - 25/box		Standard Needle Electrode 2.75" (6.99cm) - 25/box	
	<b>A806* Non-Sterile</b> <b>A807 Sterile</b>		<b>ES37</b>		<b>ES21</b>		<b>ES38</b>
Blunt Dermal Tip for use with A952, A942, DERM 102 & DERM 101. Non-Sterile - 100/box    Sterile - 50/box		Modified Blade Electrode 2.75" (6.99cm) - 25/box		Standard 5/32" Ball Electrode 0.156" (3.97mm) - 25/box		Modified Needle Electrode 2.75" (6.99cm) - 25/box	
	<b>A806DE* Non-Sterile</b> <b>A807DE Sterile</b>		<b>ES18</b>		<b>ES20</b>		<b>ES03</b>
Derm-Elite Disposable Dermal Tip for use with A952, A942, DERM 102 & DERM 101. Non-Sterile - 100/box    Sterile - 50/box		Angled Blade 45° Electrode 2.5" (6.35cm) - 5/box		Standard 3/16" Ball Electrode 0.188" (4.78mm) - 25/box		Extended Needle Electrode 6" (15.24cm) - 25/box	
	<b>H10012* Non-Sterile</b> <b>H10008 Sterile</b>		<b>ES55</b>		<b>ES06</b>		<b>ES40</b>
H-type Sharp Tip Disposable Electrode for use with A952, A942, DERM 102 & DERM 101. Non-Sterile - 100/box    Sterile - 50/box		Extended Blade Electrode 4" (10.16cm) - 25/box		Extended Ball Electrode 0.118" (3mm) - 5/box		Extended Modified Needle Electrode 6" (15.24cm) - 25/box	
	<b>H10112* Non-Sterile</b> <b>H10108 Sterile</b>		<b>ES54</b>		<b>ES07</b>		
H-type Blunt Tip Disposable Electrode for use with A952, A942, DERM 102 & DERM 101. Non-Sterile - 100/box    Sterile - 50/box		Extended Modified Blade Electrode 4" (10.16cm) 25/box		Extended Ball Electrode 0.197" (5mm) - 5/box			
			<b>ES04</b>				
		Extended Blade Electrode 6" (15.24cm) - 25/box					
			<b>ES39</b>				
		Extended Modified Blade Electrode 6" (15.24cm) - 25/box					

# RESISTICK II™ COATED ELECTRODES

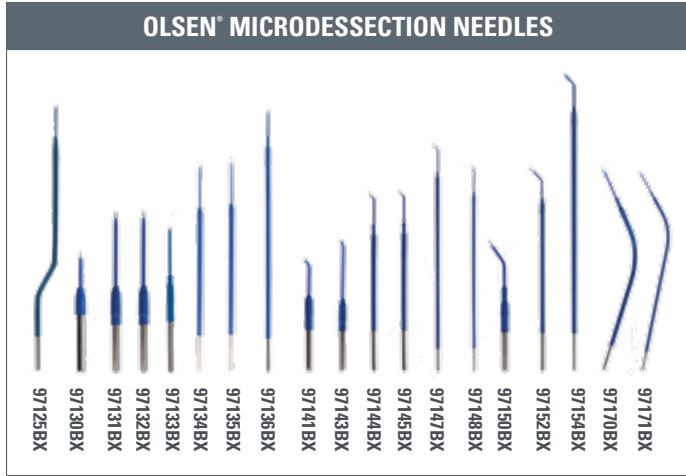
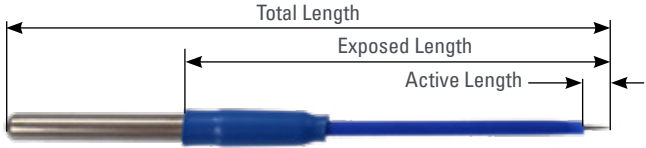
Resistick II™ coated blade, ball and needle electrodes are expertly coated with PTFE (polytetrafluoroethylene). Resisting eschar build-up, the electrode moves more effectively through tissue, increasing efficiency during surgical procedures. Simply use a damp sponge or cloth to clean any debris off the Resistick II™ electrodes.



	<b>ES58T</b>		<b>ES04T</b>		<b>ES02T</b>		<b>ES57T</b>
Blade Electrode 2.5" (6.35cm) - 12/box		Extended Blade Electrode 6" (15.24cm) - 12/box		Standard Needle Electrode 2.75" (6.99cm) - 12/box		Extended Modified Needle Electrode 4" (10.16cm) - 12/box	
	<b>ES59T</b>		<b>ES39T</b>		<b>ES38T</b>		<b>ES03T</b>
Modified Blade Electrode 2.5" (6.35cm) - 12/box		Extended Modified Blade Electrode 6" (15.24cm) - 12/box		Modified Needle Electrode 2.75" (6.99cm) - 12/box		Extended Needle Electrode 6" (15.24cm) - 12/box	
	<b>ES01T</b>		<b>ES50T</b>		<b>ES56T</b>		<b>ES40T</b>
Standard Blade Electrode 2.75" (6.99cm) - 12/box		Standard 1/8" Ball Electrode 0.125" (3.18mm) - 12/box		Extended Needle Electrode 4" (10.16cm) - 12/box		Extended Modified Needle Electrode 6" (15.24cm) - 12/box	
	<b>ES37T</b>		<b>ES21T</b>				
Modified Blade Electrode 2.75" (6.99cm) - 12/box		Standard 5/32" Ball Electrode 0.156" (3.97mm) - 12/box					
	<b>ES18T</b>		<b>ES20T</b>				
Angled Blade 45° Electrode 2.75" (6.99cm) - 12/box		Standard 3/16" Ball Electrode 0.188" (4.78mm) - 12/box					
	<b>ES55T</b>		<b>ES06T</b>				
Extended Blade Electrode 4" (10.16cm) - 12/box		Extended Ball Electrode 0.118" (3mm) - 12/box					
	<b>ES54T</b>		<b>ES07T</b>				
Extended Modified Blade Electrode 4" (10.16cm) 12/box		Extended Ball Electrode 0.197" (5mm) - 12/box					

# MICRODISSECTION NEEDLE ELECTRODES

Olsen® and Bovie® Microdissection needles come in a wide array of configurations for a variety of surgical procedures. The ultra sharp design coupled with the finest tungsten wire allows for optimal control and better outcomes for any procedure requiring precise tissue dissection. The fine needle tip concentrates the electrosurgical energy, allowing for low-power settings and less risk of thermal spread.



SUPERCUT TUNGSTEN NEEDLES					
ES62R	ES60R	ES63	ES62	ES61	ES60
REUSABLE SUPERCUT TUNGSTEN NEEDLES			SINGLE-USE SUPERCUT TUNGSTEN NEEDLES		
<b>ES60R</b>	needle super fine 3cm, non-sterile - 1/box		<b>ES60</b>	needle super fine 3cm, sterile - 5/box	
<b>ES62R</b>	needle super fine 4.5cm, non-sterile - 1/box		<b>ES61</b>	modified needle super fine 3 cm, sterile - 5/box	
SINGLE-USE SUPERCUT TUNGSTEN NEEDLES					
<b>ES61HS</b>	modified fine needle with Heatshrink, sterile - 5/box		<b>ES62</b>	needle super fine 4.5cm, sterile - 5/box	
			<b>ES63</b>	modified needle super fine 4.5cm, sterile - 5/box	

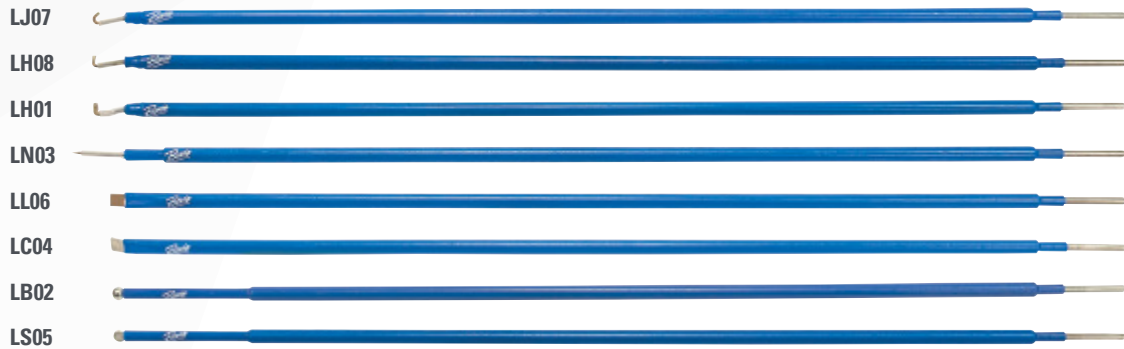
	<b>97125BX</b>
Needle Electrode, Ultra Sharp Tip, Insulated, Tungsten Wire, Bayonet Shaft, 15cm (6 in)	
	<b>97130BX</b>
Needle Electrode, Tungsten Wire, Straight, Insulated, Ultra Sharp Tip, 3cm (1-1/4 in)	
	<b>97131BX</b>
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 4cm (1-5/8 in)	
	<b>97132BX</b>
Needle Electrode, Ultra Sharp, Tungsten Wire, Insulated, Straight, 5cm (2 in)	
	<b>97133BX</b>
Needle Electrode, Tungsten Wire, Straight, Insulated, Ultra Sharp Tip, 6.4cm (2-1/2 in)	
	<b>97134BX</b>
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 11cm (4-5/8 in)	
	<b>97135BX</b>
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 14cm (5-1/2 in)	

	<b>97136BX</b>
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 16.8cm (6-5/8in)	
	<b>97141BX</b>
Needle Electrode, 1-5/8" (4.1cm), Tungsten Wire, 3.0mm Angled Tip, Insulated, Ultra Sharp Tip, 4cm (1-5/8in)	
	<b>97143BX</b>
Needle Electrode, 3.0mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 5cm (2in)	
	<b>97144BX</b>
Needle Electrode, 3.0mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 10cm (4in)	
	<b>97145BX</b>
Needle Electrode, 3.0mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 11.7cm (4-5/8in)	
	<b>97147BX</b>
Needle Electrode, 3.0mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 16.8cm (6-5/8in)	

	<b>97148BX</b>
Needle Electrode, 3.0mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 17.8cm (7 in)	
	<b>97150BX</b>
Needle Electrode, 10mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 5cm (2in)	
	<b>97152BX</b>
Needle Electrode, 10mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 12.4cm (4-7/8in)	
	<b>97154BX</b>
Needle Electrode, 10mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 17.5cm (6-7/8in)	
	<b>97170BX</b>
Needle Electrode, Curved Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 10cm (4in)	
	<b>97171BX</b>
Needle Electrode, Curved Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 15cm (5-7/8in)	

# LAPAROSCOPIC ELECTRODES

Our Bovie® laparoscopic electrodes are used in minimally invasive procedures performed in outpatient facilities, surgery centers and operating rooms. The electrodes are 33cm long, with a 3/32" shaft, for insertion into standard electrosurgery pencils. Each electrode adaptor is also packaged with an optional 4mm shaft adaptor for connection into 4mm active cables. The laparoscopic electrode tip styles come in a variety of popular configurations with standard stainless steel finish.



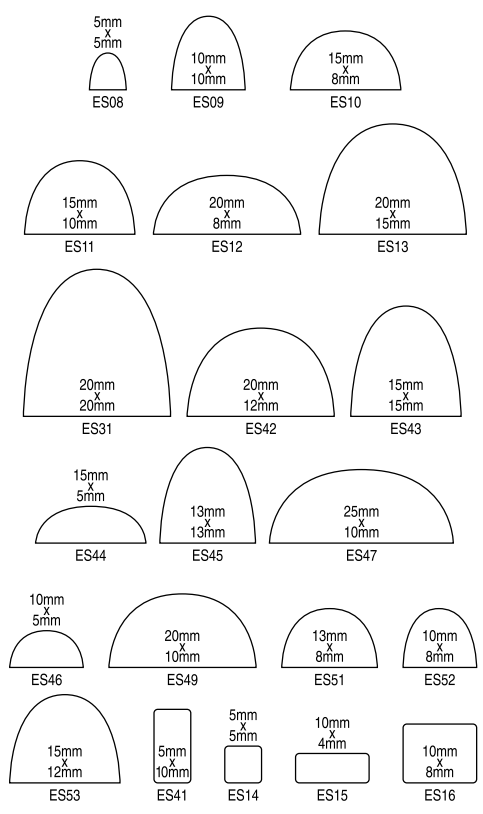
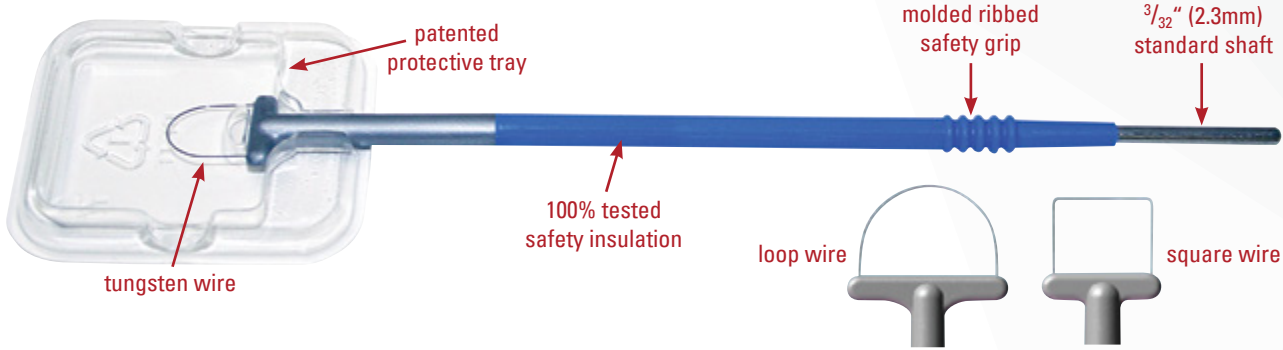
	<b>LJ07</b>
Laparoscopic J-Hook Wire Electrode with 4mm Adaptor, Sterile - 5/box	
	<b>LH08</b>
Laparoscopic L-Hook Wire Electrode with 4mm Adaptor, Sterile - 5/box	
	<b>LH01</b>
Laparoscopic L-Hook Heavy Wire Electrode with 4mm Adaptor, Sterile - 5/box	

	<b>LN03</b>
Laparoscopic Needle Electrode with 4mm Adaptor, Sterile - 5/box	
	<b>LL06</b>
Laparoscopic Standard Blade Electrode with 4mm Adaptor, Sterile - 5/box	
	<b>LC04</b>
Laparoscopic Curved Blade Electrode with 4mm Adaptor, Sterile - 5/box	

	<b>LB02</b>
Laparoscopic Ball Electrode with 4mm Adaptor, Sterile - 5/box	
	<b>LS05</b>
Laparoscopic Spatula Electrode with 4mm Adaptor, Sterile - 5/box	

# DISPOSABLE LOOP ELECTRODES

All Bovie® LLETZ Loop and Square electrodes feature tungsten wire for superior shape and integrity throughout the excision procedure. The electrodes use a standard 3/32" (2.3mm) shaft. All molded loops are packaged in a patented protective tray to prevent damage during shipping.

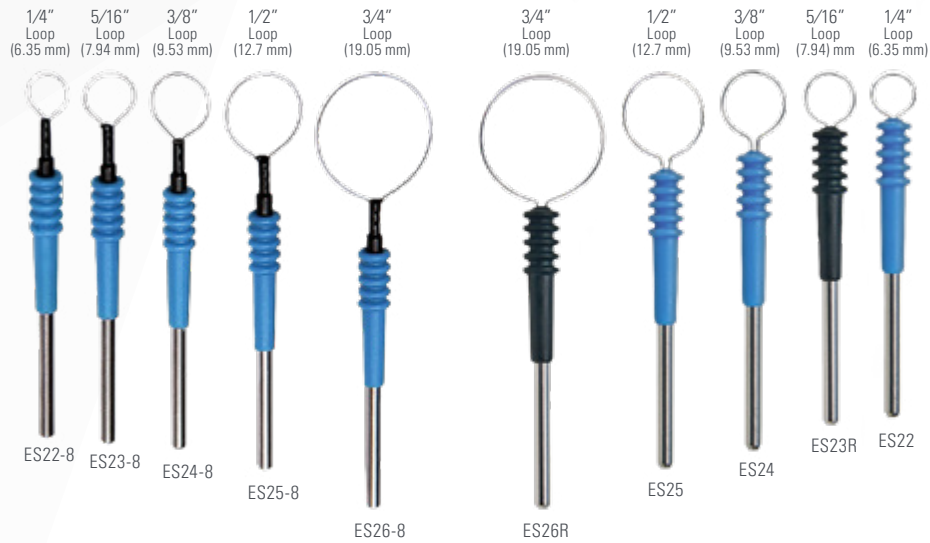


LOOPS		
<b>ES08</b> 5mm x 5mm loop 5/box	<b>ES31</b> 20mm x 20mm loop 5/box	<b>ES47</b> 25mm x 10mm loop 5/box
<b>ES09</b> 10mm x 10mm loop 5/box	<b>ES42</b> 20mm x 12mm loop 5/box	<b>ES49</b> 20mm x 10mm loop 5/box
<b>ES10</b> 15mm x 8mm loop 5/box	<b>ES43</b> 15 mm x 15mm loop 5/box	<b>ES51</b> 13mm x 8mm loop 5/box
<b>ES11</b> 15mm x 10mm loop 5/box	<b>ES44</b> 15mm x 5mm loop 5/box	<b>ES52</b> 10mm x 8mm loop 5/box
<b>ES12</b> 20mm x 8mm loop 5/box	<b>ES45</b> 13mm x 13mm loop 5/box	<b>ES53</b> 15mm x 12mm loop 5/box
<b>ES13</b> 20mm x 15mm loop 5/box	<b>ES46</b> 10mm x 5mm loop 5/box	

SQUARES			
<b>ES41</b> 5mm x 10mm square - 5/box	<b>ES14</b> 5mm x 5mm square - 5/box	<b>ES15</b> 10mm x 4mm square - 5/box	<b>ES16</b> 10mm x 8mm square - 5/box

# SPECIALTY ELECTRODES

Symmetry Surgical® manufactures an expansive line of Bovie® specialty electrodes for a variety of applications including Dermal Loop Electrodes for dermatologic procedures, Arthroscopic electrodes and SuperCut™ Needle Electrodes.



## DISPOSABLE SHORT TUNGSTEN .008" WIRE LOOPS

- ES22-8** 1/4" (6.35mm) short shaft loop, sterile - 5/box
- ES23-8** 5/16" (7.94mm) short shaft loop, sterile - 5/box
- ES24-8** 3/8" (9.53mm) short shaft loop, sterile - 5/box
- ES25-8** 1/2" (12.7mm) short shaft loop, sterile - 5/box
- ES26-8** 3/4" (19.05mm) short shaft loop, sterile - 5/box

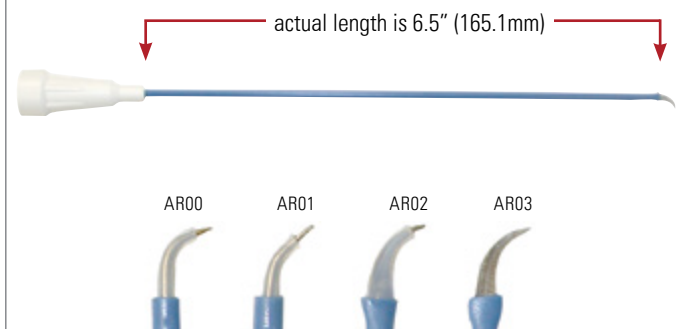
## DISPOSABLE SHORT TUNGSTEN .015" WIRE LOOPS

- ES22** 1/4" (6.35mm) short shaft loop, sterile - 5/box
- ES23** 5/16" (7.94mm) short shaft loop, sterile - 5/box
- ES24** 3/8" (9.53mm) short shaft loop, sterile - 5/box
- ES25** 1/2" (12.7mm) short shaft loop, sterile - 5/box
- ES26** 3/4" (19.05mm) short shaft loop, sterile - 5/box

## REUSABLE SHORT TUNGSTEN .015" WIRE LOOPS

- ES22R** 1/4" (6.35mm) short shaft loop, non-sterile - 1/box
- ES23R** 5/16" (7.94mm) short shaft loop, non-sterile - 1/box
- ES24R** 3/8" (9.53mm) short shaft loop, non-sterile - 1/box
- ES25R** 1/2" (12.7mm) short shaft loop, non-sterile - 1/box
- ES26R** 3/4" (19.05mm) short shaft loop, non-sterile - 1/box

## ARTHROSCOPIC ELECTRODES

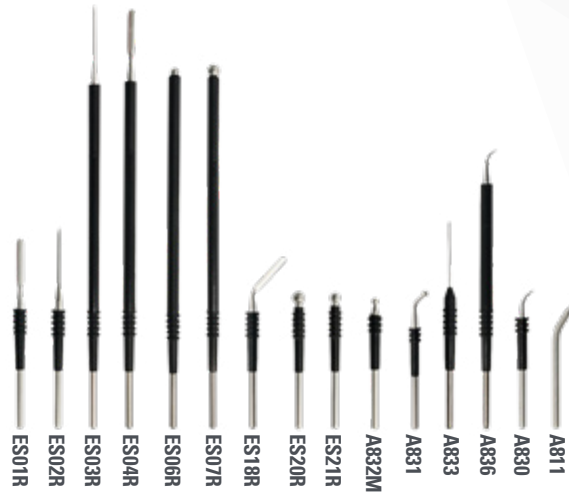


## DISPOSABLE ARTHROSCOPIC ELECTRODES






- AR00** hook 90, sterile - 5/box
- AR01** hook 45, sterile - 5/box
- AR02** acromioplasty, sterile - 5/box
- AR03** menisectomy, sterile - 5/box

# REUSABLE ELECTRODES

All reusable electrodes utilize the standard 3/32" (2.3mm) stainless steel shaft. The molded electrodes feature safety grip insulators combining patient and user safety with easy insertion and removal from the surgical pencil. Reusable electrodes are designed for five – 25 autoclave cycles. For care and handling, refer to the Instructions for Use in the package insert.



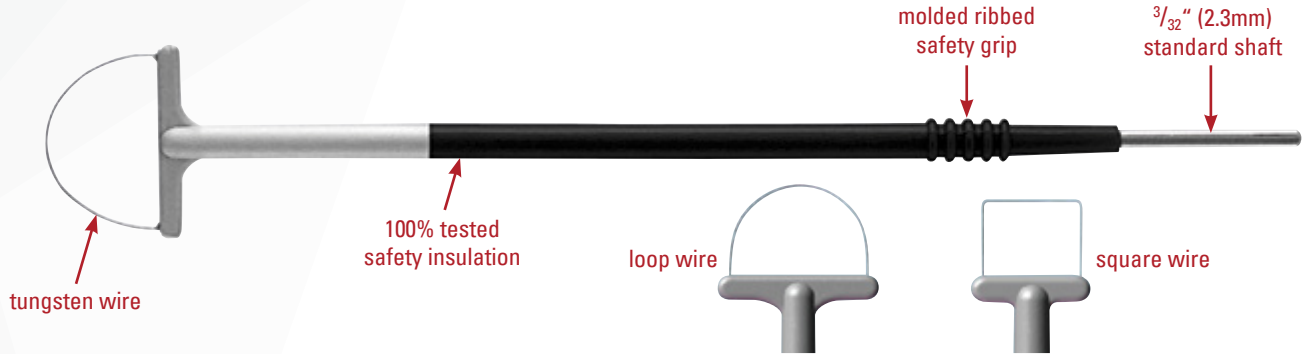
	<b>A831</b>
Angled 3/32" Ball Electrode 0.094" (2.38mm) - 1/box	
	<b>A832M</b>
Standard 3/32" Ball Electrode 0.094" (2.38mm) - 1/box	
	<b>ES20R</b>
Standard 3/16" Ball Electrode 0.188" (4.78mm) - 1/box	
	<b>ES21R</b>
Standard 5/32" Ball Electrode 0.156" (3.97mm) - 1/box	
	<b>ES06R</b>
Extended Ball Electrode 0.197" (5mm) - 1/box	

	<b>ES07R</b>
Extended Ball Electrode 0.197" (5mm) - 1/box	
	<b>A833</b>
Straight Needle Electrode - 1/box	
	<b>ES02R</b>
Standard Needle Electrode 2.75" (6.99cm) - 1/box	
	<b>ES03R</b>
Extended Needle Electrode 6" (15.24cm) - 1/box	
	<b>A811</b>
Reusable Blunt Electrode - 1/box	

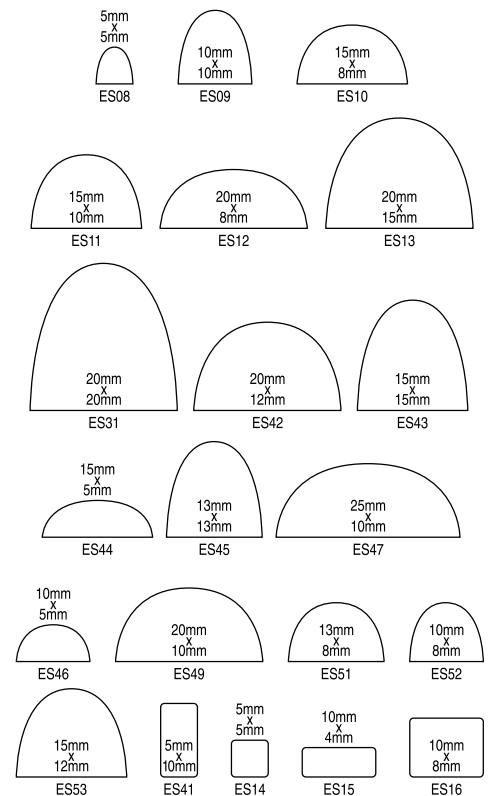
	<b>A830</b>
Angled Sharp Electrode - 1/box	
	<b>A836</b>
Extended Angled Sharp Electrode - 1/box	
	<b>ES01R</b>
Standard Blade Electrode 2.75" (6.99cm) - 1/box	
	<b>ES18R</b>
Angled Blade 45° Electrode 2.75" (6.99cm) - 1/box	
	<b>ES04R</b>
Extended Blade Electrode 6" (15.24cm) - 1/box	

# REUSABLE LOOPS/SQUARES, ELECTRODES

All Bovie® LLETZ Loop and Square electrodes feature tungsten wire for superior shape and integrity throughout the excision procedure. The electrodes use a standard 3/32" (2.3mm) shaft. All molded loops are packaged in a patented protective tray to prevent damage during shipping. Electrodes are designed for five autoclave cycles. For care and handling refer to the Instructions for Use in the package insert.



LOOPS		
<b>ES08R</b> 5mm x 5mm loop 1/box	<b>ES31R</b> 20mm x 20mm loop 1/box	<b>ES47R</b> 25mm x 10mm loop 1/box
<b>ES09R</b> 10mm x 10mm loop 1/box	<b>ES42R</b> 20mm x 12mm loop 1/box	<b>ES49R</b> 20mm x 10mm loop 1/box
<b>ES10R</b> 15mm x 8mm loop 1/box	<b>ES43R</b> 15mm x 15mm loop 1/box	<b>ES51R</b> 13mm x 8mm loop 1/box
<b>ES11R</b> 15mm x 10mm loop 1/box	<b>ES44R</b> 15mm x 5mm loop 1/box	<b>ES52R</b> 10mm x 8mm loop 1/box
<b>ES12R</b> 20mm x 8mm loop 1/box	<b>ES45R</b> 13mm x 13mm loop 1/box	<b>ES53R</b> 15mm x 12mm loop 1/box
<b>ES13R</b> 20mm x 15mm loop 1/box	<b>ES46R</b> 10mm x 5mm loop 1/box	
















SQUARES			
<b>ES41R</b> 5mm x 10mm square - 1/box	<b>ES14R</b> 5mm x 5mm square - 1/box	<b>ES15R</b> 10mm x 4mm square - 1/box	<b>ES16R</b> 10mm x 8mm square - 1/box



# REUSABLE BIPOLAR FORCEPS




Reusable Bipolar Forceps are available in micro (.5mm), 1.0mm, and 2.0mm tip size and in lengths ranging from 3.5" to 8". The forceps are guaranteed for twenty autoclave cycles. For care and handling, refer to the Instructions for Use in the package insert. Reusable bipolar cords, with quality silicone construction are available for all Bovie® generators.

		
<b>A820</b> 7.25" (184.15mm) bayonet, fine (1.0mm), smooth - 1/box	<b>A821</b> 8" (203.2mm) bayonet, medium (2.0mm), smooth - 1/box	<b>A822</b> 7" (177.8mm) straight, fine (1.0mm), smooth - 1/box
		
<b>A823</b> 7" (177.8mm) curved, fine (1.0mm), smooth - 1/box	<b>A824</b> 4.5" (114.3mm) curved, micro (.5mm) - 1/box	<b>A825</b> 4.75" (120.65mm) straight, medium (2.0mm), smooth - 1/box
		
<b>A826</b> 4.5" (114.3mm) straight, micro (.5mm), smooth - 1/box	<b>A840</b> 4" (101.6mm) Tenzel, micro (.5mm), coated - 1/box	<b>A841</b> 3.5" (88.9mm) McPherson, curved, micro (.5mm), coated - 1/box
		
<b>A842</b> 3.5" (88.9mm) McPherson, straight, micro (.5mm), coated - 1/box	<b>A843</b> 4" (101.6mm) Tenzel, micro (.5mm), uncoated - 1/box	<b>A844</b> 3.5" (88.9mm) McPherson, curved, micro (.5mm), uncoated - 1/box
		<p>➤ Bipolar forceps require an electrosurgery footswitch for activation. See footswitch page for options.</p>
<b>A845</b> 3.5" (88.9mm) McPherson, straight, micro (.5mm), uncoated - 1/box	<b>A827V</b> forceps cord - 1/pouch fits A3350, A2350, A1250S, A952, A942, DERM 102, & DERM 101	

# OLSEN® MIDAS TOUCH® BIPOLAR FORCEPS

The Olsen® Midas Touch® Non-Stick Coating maintains a smooth, highly conductive surface, enabling the use of lower power settings which may reduce tissue damage caused by thermal spread, eschar buildup and the production of toxic smoke.



		
<b>20-1382IMT</b> Bayonet, Insulated, Smooth, Straight, 1.0mm Tips, 191mm (7 1/2in) - 5/box	<b>20-1440IMT</b> Bayonet, Insulated, Smooth, Straight, 1.0mm Tips, 210mm (8 1/4in) - 5/box	<b>20-1410IMT</b> Bayonet, Insulated, Smooth, Straight, 1.5mm Tips, 210mm (8 1/4in) - 5/box

## OLSEN® ACCESSORIES

		
<b>40-1102</b> 12ft (3.6m) Olsen Standard Twin Pin Bipolar Cord, Single Use, 10/box	<b>40-2110</b> 10ft (3m) Monopolar Cord, Bovie® Plug to Straight 4mm Socket (Valleylab® Style), Single Use, 10/box	<b>40-3001R</b> 12ft (3.6m) Bipolar Irrigating Tubing and Bipolar Cord Set, For Rotary Pumps, Twin Pin, Single Use, 10/box

# OLSEN® BIPOLAR FORCEPS

		
<b>20-0421</b> Bayonet, Insulated, Irrigating, Smooth, Straight, 1.0mm Tips, 210mm (8-1/4in) - 10/box	<b>20-0421R</b> Kit, Bayonet, Rotary, Insulated, Irrigating, Smooth, Straight, 1.0mm Tips, 210mm (8-1/4in) - 10/box	<b>20-0431</b> Bayonet, Insulated, Irrigating, Smooth, Straight, 1.5mm Tips, 210mm (8-1/4in)- 10/box
		
<b>20-1060*</b> Jewelers, Smooth, Straight Micro Tips, 114mm (4-1/2in) - 10/box	<b>20-1060I*</b> Jewelers, Insulated, Smooth, Straight Micro Tips, 114mm (4-1/2in) - 10/box	<b>20-1080*</b> Adson, Serrated, Straight, 1.0mm Tips, 127mm (5in) 10/box
		
<b>20-1080I*</b> Adson, Insulated, Serrated, Straight, 1.0mm Tips, 127mm (5in) - 10/box	<b>20-1082I*</b> Adson, Insulated, Smooth, Straight, 1.0mm Tips, 127mm (5in) - 10/box	<b>20-1090*</b> Semkin, Smooth, Straight, 0.75mm Tips, 146mm (5-3/4in) - 10/box
		
<b>20-1190KI</b> Kit, Semkin, Insulated, Smooth, Straight, 1.0mm Tips, 140mm (5-1/2in) - 10/box	<b>20-1360I</b> Bayonet, Insulated, Smooth, Straight, 0.75mm Tips, 181mm (7-1/8in) - 10/box	<b>20-1370*</b> Bayonet, Smooth, Straight, 1.5mm Tips, 181mm (7-1/8in) - 10/box
		
<b>20-1370I*</b> Bayonet, Insulated, Smooth, Straight, 1.5mm Tips, 181mm (7-1/8in) - 10/box	<b>20-1380K</b> Kit, Bayonet, Smooth, Straight, 1.5mm Tips, 191mm (7-1/2in) - 10/box	<b>20-1380I</b> Bayonet, Insulated, Smooth, Straight, 1.5mm Tips, 19mm (7-1/2in) - 10/box
		
<b>20-1400KI</b> Kit, Bayonet, Insulated, Smooth, Straight, 0.75mm Tips, 210mm (8-1/4in) - 10/box	<b>20-1410</b> Bayonet, Smooth, Straight, 1.5mm Tips, 210mm (8-1/4in) - 10/box	<b>20-1410I*</b> Bayonet, Insulated, Smooth, Straight, 1.5mm Tips, 210mm (8-1/4in) - 10/box
		
<b>20-1415KI</b> Kit, Bayonet, Insulated, Smooth, Straight, 2.0mm Tips, 210mm (8-1/4in) - 10/box	<b>20-1440I*</b> Bayonet, Insulated, Smooth, Straight, 1.0mm Tips, 210mm (8-1/4in) - 10/box	<b>20-1480I</b> Bayonet, Insulated, Smooth, Straight, 1.0mm Tips, 267mm (10-1/2in) - 10/box

\*Available as kit - Add K to PART CODE (Kit contains Forceps, Olsen® Standard Twin Pin Cord and Surgiwipe). Additional Olsen® Bipolar Foreps available. Please contact customer service at 1-800-251-3000.

# STANDS, FOOTSWITCHES & WALL MOUNT KIT

When footswitch activation is preferred, Bovie® generators are compatible with the footswitches below. If mobility is a concern, select from a variety of mobile stands.





FOOTSWITCHES				
				
<b>A803</b> A952, A942, DERM 102 & DERM 101 footswitch	<b>BV-1253B</b> A3350, A2350 & A1250S footswitch	<b>BV-1254B</b> A3350, A2350 bipolar footswitch	<b>BV-1253BL</b> A3350, A2350 & A1250S footswitch with 15' cord	<b>BV-1254BDL</b> A3350 & A2350 bipolar dome-shaped footswitch with 15' cord

STANDS AND WALL MOUNT				
				
<b>A812-C</b> mobile stand for A952, A942, DERM 102, & DERM 101 [includes bottom tray, top tray, clamp, and 12" (304.8mm) height extension] 47" (1193.8mm) high	<b>A812</b> mobile stand for A952, A942, DERM 102, & DERM 101 35" (889.0mm) high	<b>A812-BT</b> bottom tray for A812 13" (330.2mm) long x 11.75" (298.5mm) deep	<b>A808-T</b> top tray and clamp for A812 13.5" (342.9mm) wide x 9.5" (241.3mm) deep	<b>A812-E</b> 12" (304.8mm) height extension for A812




STANDS AND WALL MOUNT			
			
<b>ESMS2</b> mobile stand for A1250S 18.9" (483mm) wide x 19.6" (500mm) deep x 32" (814mm) high	<b>BV-IDS-CS2</b> mobile stand for A3350, A2350, & A1250S 16" wide x 20" deep x 35" high	<b>A813</b> table-top stainless steel stand for A952, A942, DERM 102, & DERM 101	<b>A837</b> wall mount kit for A952, A942, DERM 102, & DERM 101

# RETURN ELECTRODE, ACTIVE CABLE, CORD AND ADAPTOR

Return electrodes are used to safely remove electrosurgical current from the patient. Bovie® disposable, single-use return electrodes are manufactured with an adhesive hydrogel for secure patient application as well as reusable return electrode cables and disposable pads to the ESU. Bovie® recommends always using a split pad for maximum patient safety. In addition, Bovie® provides active cables and an adaptor for the connection of a variety of compatible electrosurgery accessories.

REUSABLE RETURN ELECTRODE PLATES AND CORDS			
			
<b>A802EU</b> metal return electrode plate for A942, DERM 102, & DERM 101 - 1/pouch	<b>A1204P</b> replacement metal return electrode plate for use with A1204C and A1254C - 1/pouch	<b>A1254C</b> return electrode cord for A3350, A2350, A1250S, & A952 - 1/pouch	<b>A1252C</b> return electrode cord for ESRE and ESRS to A3350, A2350, A1250S, & A952 - 1/pouch

DISPOSABLE RETURN ELECTRODE PADS			
			
<b>A1202 or ESRS</b> solid return electrode A1202 - 5/pack ESRS - 50/box	<b>ESRSC</b> solid adult return electrode w/ 2.8m cable - 50/box	<b>ESRE</b> split adult return electrode - 50/box	<b>ESREC</b> split adult return electrode w/ 2.8m cable - 50/box

FOOT-CONTROL ADAPTOR		PENCIL ADAPTORS
		
<b>A1205A</b> adaptor for connecting footswitch pencil for the DERM 102, A942, and A952	<b>A1255A</b> adaptor plug for connecting footswitching pencil for the A3350, A2350, A1250S, and most ESUs	<b>A905B</b> pencil adaptor for 1/32 in (0.8 mm) electrode - fits most ESU pencils

# SMOKE EVACUATION



# BOVIE® SMOKE SHARK® II SMOKE EVACUATOR

The Bovie® Smoke Shark® II is designed for ease of use and effective smoke and particle removal at the operative site. The Bovie® Smoke Shark® II is designed for use with all electrosurgical generators and effectively controls smoke plume from lasers and other forms of advanced energy.



## STYLE # SE02

### ▼ Products Included

- SE02** (1) Smoke Shark® II with pneumatic footswitch  
**SF35** (1) 35-hour filter  
 110 VAC Hospital-grade power cord\*  
 User's guide (**MC-23088**)\*

### DIMENSIONS

- Height:** 15.2cm (6")  
**Width:** 27.9cm (11")  
**Depth:** 39.4cm (15.5")  
**Weight:** 4.3kg (10 lbs.)

### LINE VOLTAGE

120 VAC

### LINE FREQUENCY

50 – 60 Hz

### WARRANTY

Two years

## TYPICAL SETUPS

### ELECTROSURGERY

- SE02** Smoke Shark unit with pneumatic footswitch (FSSEP)  
**SF35** long-life 35-hour filter  
**786T** † 7/8" x 6' (22.3mm x 182.9cm ) tube case of 24  
**SEAS**\* † arm stand

### OB/GYN

- SE02** Smoke Shark unit with pneumatic footswitch (FSSEP)  
**SF35** long-life 35-hour filter  
**786T** † 7/8" x 6' (22.3mm X 182.9cm) tube case of 24 or  
**SERF**\* † reducer fitting 7/8" to 1/4" x 24" (22.225mm to 6.35mm x 609.6mm) [fits optional vaginal speculum]

### LASER

- SE02** Smoke Shark unit with pneumatic footswitch (FSSEP)  
**SF35** long-life 35-hour filter  
**786T** † 7/8" x 6' (22.3mm X 182.9cm ) tube case of 24 or  
**SELW**\* † 7/8" x 8"(22.3mm X 182.9cm ) laser resistant wand 3/pak  
**SEAS**\* † arm stand

## ★ RECOMMENDED ACCESSORIES †



786T Tubing



Pencil Sold Separately †

SEPAT Pencil Adaptor †



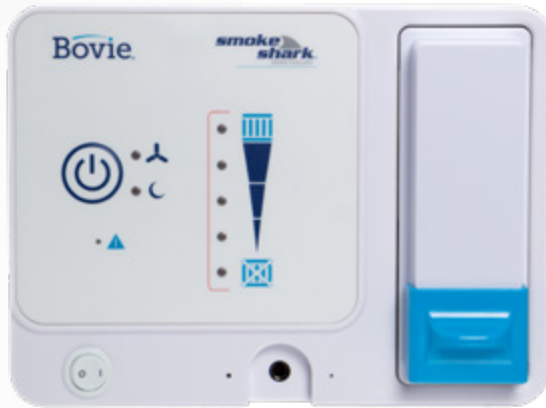
SERS2 Bovie® Smart Shark Remote Activator Switch

\* Not Pictured

† Sold Separately

# BOVIE® SMOKE SHARK® III SMOKE EVACUATOR

The Bovie® Smoke Shark® III incorporates powerful and effective smoke evacuation to reduce the biological, physical and chemical hazards present in electrosurgical smoke plume. It is designed as a smaller device to uniquely address the limited space and shorter procedures performed in the physician's office.



## STYLE # SE03-120

### ▼ Products Included

- SE03-120** (1) Smoke Shark® III  
**SF06** (1) 6-hour filter  
**SS95-1** (1) SharkSkin adaptor  
**SERS2** (1) Smart Shark Remote Activator Switch  
**SE03-M** (1) Wall mount kit  
 110 VAC Hospital-grade power cord\*  
 User's guide (**P000027200**)\*

### DIMENSIONS

- Height:** 18cm (7.1")  
**Width:** 23.9cm (9.4")  
**Depth:** 15.5cm (6.1")  
**Weight:** 2.8kg (6.25 lbs.)

### LINE VOLTAGE

120 VAC





### LINE FREQUENCY

50 – 60 Hz

### WARRANTY

Two years

## PRODUCTS INCLUDED

			
<b>SF06</b> Smoke Shark® III Multi-procedure 6-hour filter	<b>SS95 SharkSkin</b> SharkSkin Electrosurgery Pencil Adaptor with 3/8" x 10' tubing	<b>SERS2</b> Bovie® Smart Shark Remote Acti- vator Switch	<b>SE03-M</b> Wall mount kit



# SMOKE EVACUATION PENCILS & ADAPTORS

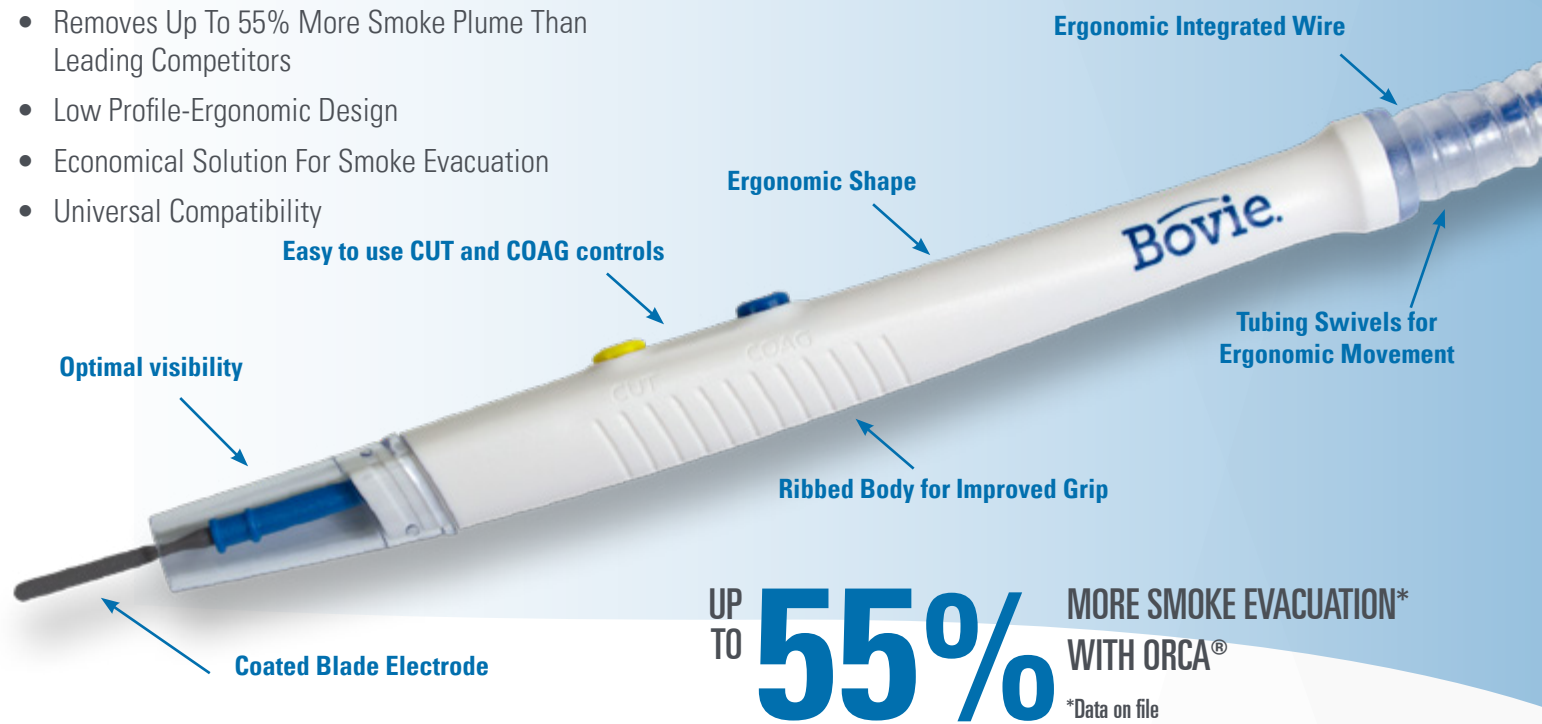
# THE Bovie®



Integrated Smoke Evacuation Pencil

## Smoke Evacuation Pencil




- Optimal Visibility At Tip
- Powerful Protection From Smoke Plume Hazards
- Removes Up To 55% More Smoke Plume Than Leading Competitors
- Low Profile-Ergonomic Design
- Economical Solution For Smoke Evacuation
- Universal Compatibility



UP TO **55%** MORE SMOKE EVACUATION\* WITH ORCA®  
\*Data on file

ISEP1000

Bovie® ORCA®, Smoke Evacuation Pencil, 10ft Tubing, Sterile, 10/bx

		
<p><b>SS95 SharkSkin</b> SharkSkin Electrode with 3/8" x 10' tubing, 20/box</p>	<p><b>SEPAT</b> Smoke Evacuation Pencil Adaptor and Tubing- 3/8" x 4' Hose with 7/8" to 6' Tube, 10 per case</p>	<p><b>SEPA</b> Smoke Evacuation Pencil Adaptor 3/8" x 1' Hose with 3/8" to 3/8" Adaptor, 25 per case</p>

# SMOKE EVACUATION ACCESSORIES

	<b>SF35</b> long-life 35-hour filter for SE02 model , 1/box		<b>SETW</b> <sup>†</sup> 7/8" x 6' tube with wand & tip, non-sterile, 24/box
	<b>SF18</b> <sup>†</sup> 18-hour filter for SE01 model, 1/box		<b>SETWS</b> <sup>†</sup> 7/8" x 6' tube with wand & tip, sterile, 24/box
	<b>SF06</b> Multi-procedure 6-hour filter for SE03 model, 2/box		<b>SEVL</b> <sup>†</sup> 7/8" x 6' tubing reduced to 3/8" for ValleyLab & IEC pencil, sterile, 5/box
Pencil Sold Separately <sup>†</sup> 	<b>SEPA</b> <sup>†</sup> Smoke Evacuation Pencil Adaptor 3/8" x 1' Hose with 3/8" to 3/8" Adaptor, 25 per case		<b>SERS2</b> <sup>†</sup> Bovie® Smart Shark Remote Activator Switch, 1/box
Pencil Sold Separately <sup>†</sup> 	<b>SEPAT</b> <sup>†</sup> Smoke Evacuation Pencil Adaptor and Tubing- 3/8" x 4' Hose with 7/8" to 6' Tube, 10 per case		<b>SERF</b> <sup>†</sup> reducer fitting 7/8" to 1/4" x 24" 10/box [fits optional vaginal speculum]
	<b>SS95 SharkSkin</b> SharkSkin Electrosurgery Pencil Adaptor with 3/8" x 10' tubing, 20/ box		<b>SERFS</b> <sup>†</sup> reducer fitting, sterile 10/box [fits optional vaginal speculum]
	<b>FSSEP</b> Pneumatic footswitch included with SE02, 1/box		<b>SELW</b> <sup>†</sup> laser-resistant wand 7/8" x 8", non-sterile, 3/box
	<b>786T</b> <sup>†</sup> 7/8" x 6' tube, non-sterile, 24/box		<b>SEAS</b> <sup>†</sup> arm stand, 1/box
	<b>786TS</b> <sup>†</sup> 7/8" x 6' tube, sterile, 24/box		

<sup>†</sup> Sold Separately

## SMOKE EVACUATION

- As the concern for potential dangers of electrosurgically-generated smoke plume increases among surgical staff, regulations regarding this matter are also on the rise. Some states have passed legislation requiring smoke evacuation policies in facilities that use electrosurgery, while others are most likely to follow suit.
- Several healthcare societies are recommending the use of smoke evacuation when performing electrosurgical procedures, including the American College of Surgeons (ACS), the Society of American Gastrointestinal and Endoscopic Surgeons (SAGES), and the Association of Perioperative Registered Nurses (AORN).
- An estimated 500,000 healthcare professionals are exposed to surgical smoke proven to carry viruses, carbon monoxide and other chemical and biological hazards<sup>1</sup>. Bovie® Smoke Shark™ smoke evacuation systems

minimize exposure to toxic smoke plume during all forms of advanced energy.

- Bovie® Smoke Shark™ smoke evacuators are compatible with most electrosurgical generators. The units can operate in conjunction with the optional Bovie® Smart Shark Activator (SERS2) for maximized filter life and surgical efficiency.

<sup>1</sup>Barret, Dr. William L., Garber, Dr. Shawn M, "Surgical Smoke - A Review in Literature", Business Briefing: Global Surgery (2004)

## MI 150 AND MI 300 GOOSENECK EXAM LIGHTING

The best in high-value, space-saving, color-accurate LED exam lights. The MI 300 offers two brightness settings and its mobile base allows it to be easily moved. Both exam lights provide brilliant, color accurate illumination and clarity. All lighting equipment (excluding normal replacement parts) is backed by a three year limited warranty.



Data:	
Light Source	LED
LED Life in Hours	50,000 (average)
Temperature	4,300° Kelvin
Lux (MI 150)	15,000 at 24" (60cm) 25,000 at 18" (45.7cm)
Lux (MI 300)	30,000 or 15,000 at 24" (60cm) 50,000 or 25,000 at 18" (45.7cm)
CRI	97
Operating Voltage	100 - 240 VAC 50/60 Hz
Light Hed Input Voltage	24 VDC



**Made in the USA.**  
Only available for sale in the USA.

### MI 150 and MI 300

XLDEM-150	MI 150 Exam Light Connectible Goose Neck w/Fixed Base (061223)
XLDEM-300	MI 300 Exam Light Flexible Goose Neck w/Rolling Base (061123)

### Dimensions:

Unit Height	
MI 150	64.0" (1,625mm)
MI 300	66.0" (1,676mm)



# MI 550 LED EXAM LIGHTING

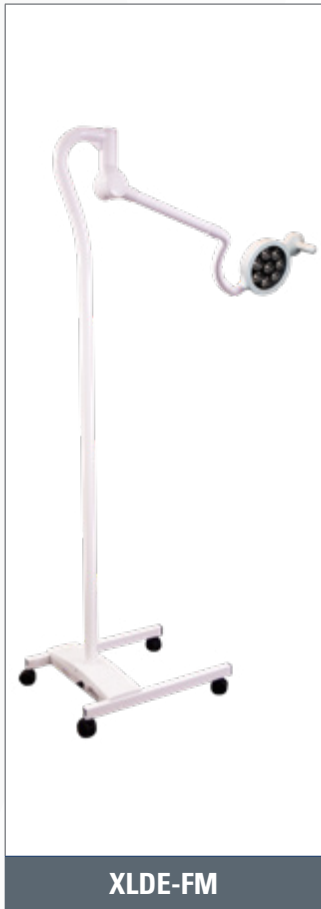
The MI 550 light is part of the MI LED Series offered by Bovie®. The light emits pure white illumination at very low heat with an output rating of 55,000 lux at 4,300 degrees Kelvin color temperature. Engineered with “green” technology, the MI 550 uses significantly less electricity than standard halogen lights. The long-life LEDs are rated at 50,000 hours, virtually eliminating the need for inconvenient bulb changes. All lighting equipment (excluding normal replacement parts) is backed by a three year limited warranty.



**XLDE-SC**



**XLDE-WM**



**XLDE-FM**

**Dimensions:**

Head	9.2" (234mm) Dia. x 2.6" (66mm) Deep
Arm	54" (1371.6mm) Long
Arm (Floor)	21" (533.4mm) Long
Floor Stand	74.6" (1895mm) High

**Weights:**

Head	6.9lbs (3.1kg)
Arm (Single)	8.3lbs. (21.9kg)
Arm (Dual)	77.1lbs. (35kg)
Wall Bracket Assy.	7.3lbs. (3.3kg)
Floor Stand Assy.	48.4lbs. (21.9kg)
Single Ceiling Mount	145lbs. (65.7kg)
Dual Ceiling Mount	231lbs. (104.7kg)

**Data:**

Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,300° Kelvin
Lux	55,000 Lux at 24" (60cm)
CRI	97
Power Consumption	16 Watts
Input Voltage	100 - 240 VAC 50/60 Hz

**Rotations:**

Articulating Arm Vertical Movement	+20° Up, -60° Down
Articulating Arm Horizontal Movement	≈540°
Articulating Arm/Yoke Interface	≈540°
Yoke/Lamp Head Interface	≈300°

**MI 550 LED Minor Surgery Lights**

XLDE-WM	MI 550 Wall Mount: 100-240 VAC, 1.5A, 50/60 Hz, 65W (061322)
XLDE-FM	MI 550 Portable Floor Mode: 100-240 VAC, 1.5A, 50/60 Hz, 65W (061323)
XLDE-SC	MI 550 Single Ceiling: 100-240 VAC, 1.5A, 50/60 Hz, 65W (061324)
XLDE-DC*	MI 550 Dual Ceiling: 100-240 VAC, 3.0A, 50/60 Hz, 130W (061325)
CRST9	9" Ceiling Rod (8' 8" – 10" Mounts) (1001461-9)
CRST20	20" Ceiling Rod (8' 11" – 9' 8" Mounts) (1001461-20)
ECK-30	30" Ceiling Rod (9' 9" – 10' 6" Mounts) (1001461-30)
ECK-40	40" Ceiling Rod (10' 7" – 11' 4" Mounts) (1001461-40)
ECK-50	50" Ceiling Rod (11' 5" – 12' 2" Mounts) (1001461-50)

**Made in the USA. Only available for sale in the USA.**

\*Not Pictured.

# MI 750 LED EXAM & PROCEDURE LIGHTING

The MI 750 LED Light provides physicians with an economical and energy efficient LED light for examinations and procedures. The MI 750 produces bright, white light for clear and accurate visibility. Designed with unmatched lifetime spring-arm technology, 50,000 hour LEDs, and output rated at 75,000 Lux with a Kelvin color temperature of 4300°, the MI 750 offers a high-quality lighting system that easily aligns with any practice budget. To maintain the sterile field when necessary, the on/off and dimming switches are located on the autoclavable handle. All lighting equipment (excluding normal replacement parts) is backed by a three year limited warranty.



Dimensions:	
Head	14.5" (368mm) Dia. x 3.25" (83mm) Deep
Arm	51" (1295.4mm) Long
Arm (Floor)	18" (457.2mm) Long
Floor Stand	74.6" (1895mm) High

Weights:	
Head	9.0lbs (4.1kg)
Arm (Single)	48.3lbs (21.9kg)
Arm (Dual)	77.1lbs (35kg)
Wall Bracket Assy.	7.3lbs (3.3kg)
Floor Stand Assy.	48.4lbs (21.9kg)
Single Ceiling Mount	145lbs (65.7kg)
Dual Ceiling Mount	231lbs (104.7kg)

Data:	
Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,300° Kelvin
Lux	75,000 Lux at 39.4" (1m)
CRI	97
Power Consumption	27 Watts
Input Voltage	100 - 240 VAC 50/60 Hz

Rotations:	
Articulating Arm Vertical Movement	+20° Up, -60° Down
Articulating Arm Horizontal Movement	≈540°
Articulating Arm/Yoke Interface	≈540°
Yoke/Lamp Head Interface	≈300°

MI 750 LED Exam & Procedure Lights	
XLDP-WM	MI 750 Wall Mount 100V - 240V (061422)
XLDP-FM	MI 750 Portable Floor Model 100V - 240V (061423)
XLDP-SC	MI 750 Single Ceiling 100V - 240V (061424)
XLDP-DC	MI 750 Dual Ceiling 100V - 240V (061425)
CRST9	9" Ceiling Rod (8' 8" - 10" Mounts) (1001461-9)
CRST20	20" Ceiling Rod (8' 11" - 9' 8" Mounts) (1001461-20)
ECK-30	30" Ceiling Rod (9' 9" - 10' 6" Mounts) (1001461-30)
ECK-40	40" Ceiling Rod (10' 7" - 11' 4" Mounts) (1001461-40)
ECK-50	50" Ceiling Rod (11' 5" - 12' 2" Mounts) (1001461-50)

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# MI 1000 LED PROCEDURAL/SURGICAL LIGHTING

The MI 1000 LED light was the first in the MI LED Series offered by Bovie. The light emits pure white illumination at very low heat with an output rating of 100,000 lux at 4,300 degrees Kelvin color temperature. Engineered with “green” technology, the MI 1000 uses significantly less electricity than standard halogen lights. The long-life LEDs are rated at 50,000 hours, reducing the need for inconvenient bulb changes. Five intensity outputs are available and are controlled using the five-stage dimming and on/off switch located on the sterilizable handle. The MI 1000 also has an Endo (Endoscopy) Mode integrated into the lights’ dimming capabilities. In this mode, the output produces low level lighting for use during endoscopic surgery. All lighting equipment (excluding normal replacement parts) is backed by a three year limited warranty.



**XLD-FM**

### Dimensions:

Head	18" (457mm) Dia. x 4" (102mm) Deep
Arm	49" (1244.6mm) Long
Arm (Floor)	16" (406.4mm) Long
Floor Stand	74.6" (1895mm) High

### Weight:

Head	14.6lbs (6.6 kg)
Arm (Single)	48.3lbs. (21.9kg)
Arm (Dual)	77.1lbs. (35kg)
Wall Bracket Assy.	7.3lbs. (3.3kg)
Floor Stand Assy.	48.4lbs. (21.9kg)
Single Ceiling Mount	145lbs. (65.7kg)
Dual Ceiling Mount	231lbs. (104.7kg)

### Data:

Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,300° Kelvin
Lux	100,000 Lux at 39.4" (1m)
CRI	97
Power Consumption	54 Watts
Input Voltage	100 - 240 VAC 50/60 Hz

### Rotations:

Articulating Arm Vertical Movement	+20° Up, -60° Down
Articulating Arm Horizontal Movement	≈540°
Articulating Arm/Yoke Interface	≈540°
Yoke/Lamp Head Interface	≈300°

### MI 1000 LED Minor Surgery Lights

XLD-WM	MI 1000 Wall Mount 100V - 240V (061522)
XLD-FM	MI 1000 Portable Floor Model 100V - 240V (061523)
XLD-SC	MI 1000 Single Ceiling 100V - 240V (061524)
XLD-DC	MI 1000 Dual Ceiling 100V - 240V (061525)
BV-1000616	MI 1000 Sterilizable Handle (1000616)
CRST9	9" Ceiling Rod (8' 8" – 10" Mounts) (1001461-9)
CRST20	20" Ceiling Rod (8' 11" – 9' 8" Mounts) (1001461-20)
ECK-30	30" Ceiling Rod (9' 9" – 10' 6" Mounts) (1001461-30)
ECK-40	40" Ceiling Rod (10' 7" – 11' 4" Mounts) (1001461-40)
ECK-50	50" Ceiling Rod (11' 5" – 12' 2" Mounts) (1001461-50)

**Made in the USA. Only available for sale in the USA.**

# SYSTEM TWO LED SERIES SURGICAL LIGHTING

The System Two LED series presents an unmatched value to surgery centers, specialty practices and outpatient care facilities seeking a surgical lighting system. The energy efficient design provides bright, white, cool and adjustable lighting while consuming half the electricity of its halogen counterpart to offer significant long-term savings for the healthcare facility. The long-life 50,000 hour rated LEDs eliminate procedure room downtime and are output rated at 130,000 Lux with a Kelvin color temperature of 4300°. The System Two LED series is designed with the unique spring-arm technology and has an Endo (Endoscopy) Mode integrated into the lights' dimming capabilities. In this mode, the output produces low level lighting for use during endoscopic surgery. All lighting equipment (excluding normal replacement parts) is backed by a three year limited warranty.



Dimensions:	
Ceiling Mount/Extension Arm Interface	Continuous
Articulating/Extension Arm Interface	Continuous
Articulating Arm Vertical Movement	+15°, -65°
Articulating Arm/Yoke Interface	Continuous
Yoke/Lamp Head Interface	+/-165° (330° range)

Dimensions:	
Ceiling Casting	17.0" (431.8mm) Dia. x 4.7" (119.4mm) Deep
Ceiling Rod	2.5" (63.5mm) Dia. x 9.0"-43.0" (228.6-1092.2mm) Long
Arm Articulated	4.0" (102mm) Dia. (tapered) x 26.0" (660mm) Long
Light Head Assembly	25.5" (648mm) Dia. x 4.75" (120mm) Deep

Data:	
Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,200° Kelvin ±300°K
Lux	130,000 Lux at 39.4" (1m)
CRI	95
Power Consumption	Solo 120W, Duo 240W, Trio 360W
Input Voltage	100 - 240 VAC, 50/60 Hz

System Two LED Surgery Center and OR Lights	
XLDS-MA	System Two, Solo, One Monitor Arm (Single Ceiling Mount) (SM1)
XLDS-S2	System Two, Solo, One 130K Lux Light (SD2)
XLDS-S2CR*	System Two, Solo, One In-Light Camera-Ready 130K Lux Light (SD2C)
XLDS-S2MA	System Two, Duo, One 130K Lux Light & One Monitor Arm (SD2M1)
XLDS-S22	System Two, Duo, Two 130K Lux Lights (SD2D2)
XLDS-S22CR*	System Two, Duo, Two 130K Lux Lights (one In-Light Camera-Ready) (SD2CD2)
XLDS-S2MA2	System Two, Trio, One 130K Lux Light & Two Monitor Arms (SD2M1M1)
XLDS-S23MA	System Two, Trio, Two 130K Lux Lights & One Monitor Arm (SD2D2M1)
XLDS-SD2CD2M1*	System Two, Trio, Two 130K Lux Lights (one In-Light Camera-Ready) & One Monitor Arm (SD2CD2M1)
XLDS-S23	System Two, Trio, Three 130K Lux Lights (SD2D2D2)
BV-1000777	In-Light Camera Assembly (1000777)
XLDS-WCK	Wireless wall control kit for System Two lights

Weight:	
Solo Ceiling Mount Assembly	Approximately 73.5lbs. (33.3kg)
Duo Ceiling Mount Assembly	Approximately 104.5lbs. (47.4kg)
Trio Ceiling Mount Assembly	Approximately 155.5lbs (70.5kg)
Light Head Assembly	Approximately 28.1lbs (12.7kg)

\*In-Light Camera-Ready System Two lights can be used with or without the camera. To utilize the camera option, items BV-1000777 (In Light Camera Assembly) and XLDS-WCK (Wireless wall control kit for System Two lights) must also be purchased.

**Made in the USA. Only available for sale in the USA.**

Questions? Call 800.251.3000 or learn more at [www.symmetrysurgical.com](http://www.symmetrysurgical.com)

# COLPOSCOPES & ACUDOP™ II





# COLPO-MASTER™ I

Colpo-Master™ colposcopes are a perfect addition to the Bovie® line of gynecologic products. This line of colposcopes offers advanced, 3D, stereoscopic viewing with excellent clarity during gynecologic procedures where millimeters matter. The scopes are available with continuous zoom 4 – 27x magnification. For the EMR ready facility, the Colpo-Master line is available with Trinocular camera-ready heads to provide quick and easy visual records of treatments. All Colpo-Master colposcopes are backed by a seven-year limited warranty. Pair it with the Bovie® A1250S-G electrosurgery system with smoke evacuation for a complete GYN LEEP procedure system.

## Colpo-Master™ I



Camera-Ready Trinocular Head with Camera Mount

*Low center of gravity increases stability, while EZ-Roll locking casters provide smooth gliding movement between exam rooms.*

*CS-103LED includes 3-legged base as shown. Also available as CS-105LED with 5-legged base.*

Colpo-Master™ is a registered trademark of United Products and Instruments, Inc; DBA UNICO

### COLPO-MASTER I ZOOM SUSPENSION ARM COLPOSCOPES

The Colpo-Master is perfect for the GYN performing both exams and procedures, as the swing-arm design allows easy access to the vaginal canal. Colpo-Master I features smooth, continuous zoom 4 – 27x magnification with 20x eyepieces and sharp focus for 3D imaging, and is available with binocular or camera-ready trinocular heads with 298mm working distance. The field of view (FOV) ranges from 58.5mm at 4x to 8.5mm at 27x. All models are available with your choice of 3- or 5-leg sturdy mobile bases. Designed with your viewing comfort in mind, each model has dual diopter adjustments to independently adjust the focus of both left and right eyepieces to eliminate eyestrain. Camera-ready trinocular models allow the user to view through both eyepieces while using the camera.

Colpo-Master I's suspension arm is rock-steady for easy head positioning, and includes locking casters and stainless steel handlebars. It is provided complete with a dust cover, power cord, manual, tool kit and 7-year limited warranty (1-year on the electrical system, excluding bulbs and fuses). Additional accessories are available. Please contact your Bovie® representative for additional information.

Item No.	Description
<b>CS-103LED</b>	Colpo-Master I Binocular Zoom Suspension-Arm Colposcope
<b>CS-103T-LED</b>	Colpo-Master I Camera-Ready Zoom Swing-Arm Colposcope
<b>CS-103T-DV</b>	Swing Arm Digital Video Package, Includes CS-103T-LED and CS-8189 Camera
<b>CS-103T-HD</b>	Swing Arm HDMI Video Package, Includes CS-103T-LED and CS-8187 HD Camera and Accessories
<b>CS-103T-HDM</b>	Swing Arm HDMI Video Package, Includes CS-103T-LED and CS-8187 HD Camera and CS-8022 Monitor
<b>CS-105LED</b>	Same as CS-103LED above, with 5-legged base
<b>CS-105T-LED</b>	Same as CS-103T-LED above, with 5-legged base
<b>CS-105T-DV</b>	Swing Arm Digital Video Package, includes CS-105T-LED and CS-8189 Camera
<b>CS-105T-HD</b>	Swing Arm HDMI Video Package, Includes CS-105T-LED and CS-8187 HD Camera and Accessories
<b>CS-105T-HDM</b>	Swing Arm HDMI Video Package, Includes CS-105T-LED and CS-8187 HD Camera and CS-8022 Monitor
<b>CS-8022</b>	21.5" LCD Monitor with HDMI VGA BNC S-Video Inputs
<b>CS-8187</b>	HD Camera, 1080p with HDMI Output and Accessories
<b>CS-8189</b>	Digital Video Camera, 14MP, CMOS with USB

# COLPO-MASTER™ II

## Colpo-Master™ II

Camera-Ready Trinocular  
Head with Camera Mount



Colpo-Master™ is a registered trademark of United Products and Instruments, Inc; DBA UNICO

### COLPO-MASTER II CENTER-POST MOUNT COLPOSCOPES

Colpo-Master II is a compact center-post colposcope with unique, continuous zoom magnification and sharp focusing for crisp 3D imaging.

#### Features:

- Full continuous zoom magnification range: 4 – 27x with 20x eyepieces.
- Binocular or video-ready trinocular heads, with 298mm working distance.
- The field of view (FOV) ranges from 58.5mm at 4x to 8.5mm at 27x.
- 3D Stereoscopic Viewing
- Dual diopters allow user to independently focus each eyepiece to adjust for the natural vision differential between eyes for viewing comfort. Camera-ready Trinocular models allow the user to view through both eyepieces while using the camera.
- Sturdy, 5-legged, easy-to-manuever base slides in and under exam tables for optimal positioning
- Dual light intensity controls for both white and green LEDs
- Adjustable height center post with smooth suspension system
- HDMI and USB digital camera options available on trinocular version with C-Mount Camera adaptor

It is provided complete with a dust cover, power cord, manual, tool kit and 7-year limited warranty (1-year on the electrical system, excluding bulbs and fuses). Additional accessories are available. Please contact your Bovie® representative for additional information.

Item No.	Description
<b>CS-205LED</b>	Colpo-Master II Binocular Zoom Center Post Colposcope
<b>CS-205T-LED</b>	Colpo-Master II Camera-Ready Zoom Center Post Colposcope
<b>CS-205T-DV</b>	Center Post Digital USB Video Package, Includes CS-205T-LED and CS-8189 Camera
<b>CS-205T-HD</b>	Center Post HDMI Video Package, Includes CS-205T-LED and CS-8187 HD Camera and Accessories
<b>CS-205T-HDM</b>	Center Post HDMI Video Package, Includes CS-205TLED and CS-8187 HD Camera and CS-8022 Monitor
<b>CS-8022</b>	21.5" LCD Monitor with HDMI VGA BNC S-Video Inputs
<b>CS-8187</b>	HD Camera, 1080p with HDMI Output and Accessories
<b>CS-8189</b>	Digital Video Camera, 14MP, CMOS with USB

# OLSEN® VAGINAL SPECULUM WITH SMOKE PORT



Pictured: 50001

## OLSEN® VAGINAL SPECULUM WITH SMOKE PORT

The Olsen® Vaginal Speculum is used for performing gynecological pelvic examinations, procedures and Pap Smears. These speculums come in a variety of configurations and include a smoke port for optimal visualization during minor gynecological procedures requiring the use of electrosurgery.

Item No.	Description
50001	Olsen® Speculum, Graves Vaginal Speculum, 3" (7.6cm) X 3/4" (2cm) Blade, Insulated, w/Smoke Tube, 3", 76mm, Reusable
50101	Olsen® Speculum, Graves Vaginal Speculum, 4" (10.2cm) X 1 3/8" (3.5cm) Blade, Insulated, w/Smoke Tube, 4", Reusable
50201	Olsen® Speculum, Graves Vaginal Speculum, 4 1/2" (11.4cm) X 1 1/2" (3.8cm) Blade, Insulated, w/Smoke Tube, 4 1/2", Reusable
50301	Olsen® Speculum, Open Sided Vaginal Speculum, 4 1/2" (11.4cm) X 1 3/8" (3.5cm) Blade, Insulated, w/Smoke Tube, 4 1/2", Reusable



# BOVIE® ACUDOP™ II DOPPLER SYSTEM

Fetal Dopplers have been used for years to hear and see the fetal heart rate. AcuDop Doppler system provides premium digital sound quality along with breakthrough XD probe technology designed to provide increased sensitivity at shallow depths. Models available in displayed, non-displayed and rechargeable options. Probes 2 MHz, 3 MHz, and waterproof are interchangeable. Convert your OB doppler to a vascular doppler by simply changing the probe to a 5 MHz or a 8 MHz.



- Unmatched Digital Sound Quality
- Interchangeable OB & Vascular Probes
- Breakthrough XD probes designed to provide increased sensitivity at shallow depths (2-5cm)
- Cost saving rechargeable models
- Sized to fit comfortably in your hand and pocket
- 5-year Warranty available on ALL Labor and ALL Parts

## ACUDOP DOPPLER SYSTEMS

### Style #

<b>AD-770*</b>	AcuDop II 770, Display Unit
<b>AD-770R</b>	AcuDop II 770R, Display Rechargeable Unit
<b>AD-330*</b>	AcuDop II 330, Non-Display Unit
<b>AD-330R*</b>	AcuDop II 330, Non-Display Rechargeable Unit

## OB PROBE CONFIGURATIONS

### OB PROBES:

#### Style #

<b>A2</b>	AcuDop II 2 MHz OB Probe
<b>A3</b>	AcuDop II 3 MHz OB Probe

### WATERPROOF OB PROBES:

#### Style #

<b>A2W</b>	AcuDop II 2 MHz Waterproof OB Probe
<b>A3W</b>	AcuDop II 3 MHz Waterproof OB Probe



## VASCULAR PROBES

XD technology provides a clear high quality sound to determine patients vascular bloodflow.

## VASCULAR PROBE CONFIGURATIONS

### Style #

<b>A5</b>	AcuDop II 5 MHz Vascular Probe
<b>A8</b>	AcuDop II 8 MHz Vascular Probe

\*Not Pictured



# HIGH TEMPERATURE CAUTERIES

Bovie® has been the number one manufacturer of battery-operated cauteries for decades. The safety-enhanced, snap-design cautery is the only battery-operated cautery in the world to address known safety hazards of improper disposal. The improved patent-pending cautery offers a safety-enhanced design, with a recessed button to reduce the potential for inadvertent activation. The cautery units are also modified to enable practitioners to “snap off” the end of the cautery for safe and effective removal of the battery power source.













← Recessed Button

← Easy “Snap” Design



■ Recessed Button Cauteries

■ Adjust-A-Temp™ Cauteries

				
<b>AA01</b> high-temp fine tip, 4-year shelf life - 10/box	<b>AA03</b> high-temp loop tip, 4 year shelf life - 10/box	<b>AA05</b> high-temp loop tip, extended 2" shaft, 4 year shelf life - 10/box	<b>AA09</b> high-temp loop tip extended 5" shaft, 4 year shelf life - 10/box	<b>AA11</b> high-temp adjustable fine tip, 4 year shelf life - 10/box
				
<b>AA17</b> high-temp fine tip extended 2" shaft, 4 year shelf life - 10/box	<b>AA21</b> high-temp elongated tip, 4 year shelf life - 10/box	<b>AA25</b> high-temp fine tip micro, 4 year shelf life - 10/box	<b>AA27</b> high-temp loop tip micro, 4 year shelf life - 10/box	<b>AA29</b> high-temp elong-ated tip micro, 4 year shelf life - 10/box

# LOW-TEMPERATURE CAUTERIES





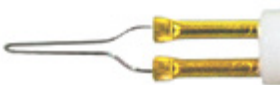
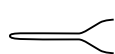


Bovie® has been the number one manufacturer of battery operated cauteries for decades. The safety-enhanced, snap-design cautery has been enhanced based on valuable customer feedback. The improved cautery offers a new safety-enhanced design with a recessed button to reduce the potential for inadvertent activation. Bovie® also modified the cautery units to allow the practitioner to “snap off” the end of the cautery for safe and effective removal of the battery power source. 10 per box.



■ Recessed Button Cauteries



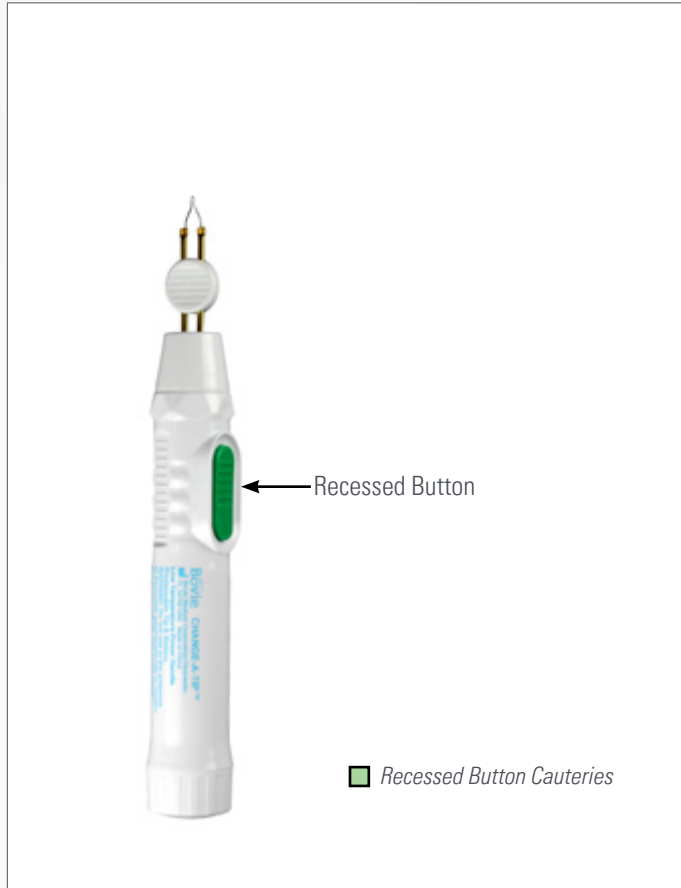
■ Adjust-A-Temp™ Cauteries

■		
<b>AA00</b>	low-temp fine tip, 4-yr. shelf life - 10/box	
■		
<b>AA02</b>	low-temp adjustable fine tip, 4-yr. shelf life - 10/box	
■		
<b>AA04</b>	low-temp elongated fine tip, 4-yr. shelf life - 10/box	
■		
<b>AA90</b>	low-temp micro fine tip, 4-yr. shelf life - 10/box	



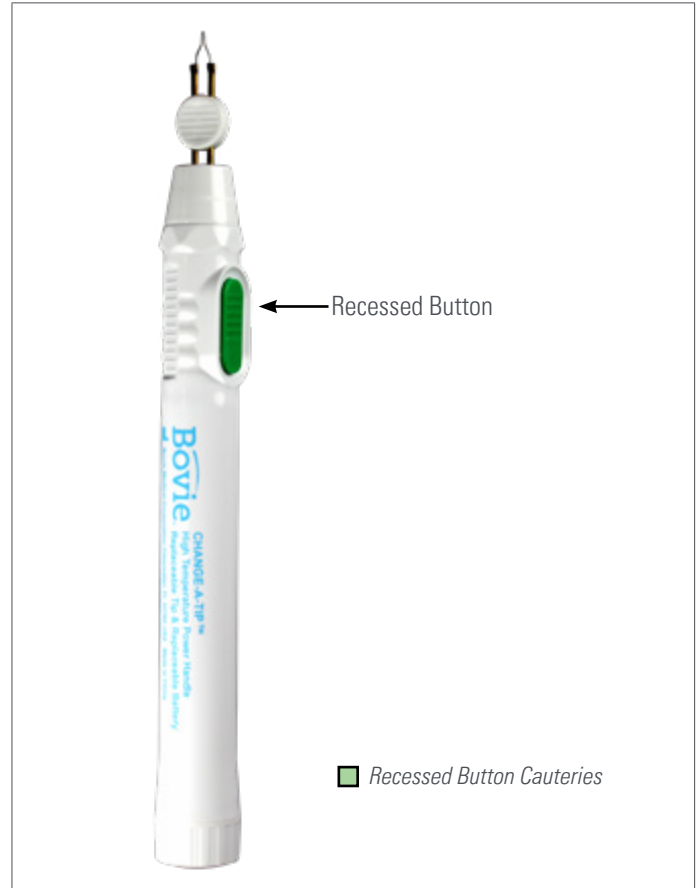
# CHANGE-A-TIP™ CAUTERIES

These replaceable battery and replaceable tip cauteries are the next advancement in battery operated cauteries where reusability is a must. These products are designed for the office, ER, and clinical procedures. They can be purchased as the DELO, DEL1 or DEL2 pre-packaged Change-A-Tip™ cautery and tip kits or individually in high or low temperature models with a variety of tips designed to fit your procedural needs.



## HITO

Change-A-Tip low-temp handle (includes one H100 non-sterile tip and one AA alkaline battery) - 1/box



## HIT1

Change-A-Tip high-temp handle (includes one H101 non-sterile tip and two AA alkaline batteries) - 1/box



## DELO

Change-A-Tip deluxe **low-temp** cautery kit (includes one low-temperature handle, two H100 non-sterile tips, two H104 non-sterile tips, one AA battery and a foam-lined case) 1/box



## DEL1

Change-A-Tip deluxe **high-temp** cautery kit (includes one high-temperature handle, two H101 non-sterile tips, two H103 non-sterile tips, two AA alkaline batteries and a foam-lined case) - 1/box



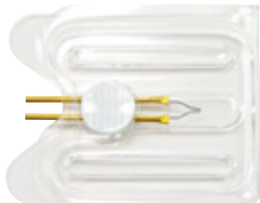
## DEL2

Change-A-Tip deluxe HI-LO cautery kit (includes **one low-temp** handle, **one high-temp** handle, one sterile H100 tip, one sterile H101 tip, one sterile H103 tip, one sterile H104 tip, six AA alkaline batteries and a foam-lined case) - 1/box

















# CAUTERY REPLACEMENT TIPS

Sterile cautery tips include a sterile drape to cover the non-sterile handle. Tips are individually packaged, 10 per box. The replacement tips are used in conjunction with the Change-A-Tip™ cautery handles as well as the deluxe kits.



Protective Tray






			
<b>H100</b> low-temp fine tip 10/box	<b>H101</b> high-temp fine tip 10/box	<b>H103</b> high-temp loop tip 10/box	<b>H104</b> low-temp elongated fine tip 10/box
			
<b>H110</b> contra angle fine tip 10/box	<b>H111</b> high-temp circular tip 10/box	<b>H121</b> high-temp elongated tip 10/box	<b>H101-ADH</b> fine tip with sheath seal 10/box
			
<b>H105</b> high-temp 2" (50.8mm) flex loop tip 10/box	<b>H106</b> high-temp 2" (50.8mm) flex fine tip 10/box		
			
<b>H109</b> high-temp 5" (127mm) loop tip 10/box	<b>H112</b> high-temp 5" (127mm) fine tip 10/box		
<i>Change-A-Tip sold separately</i>			
			
<b>HISL</b> Sterile sheath for replaceable cauteries 10/box			

# SPECIALTY LIGHTS



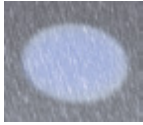
# FLEXIBLE LIGHTS AND STYLETS

Bovie® manufactures two groups of flexible lighting products. The first is available in three different sizes: 5" (127mm), 10" (254mm), and 15" (381mm) (refers to the flexible shaft portion of the light). These lights are for use in procedures where additional light is needed. The second group of flexible lights is our lighted stylets, for difficult intubations.

FLEXIBLE LIGHTS			LIGHTED STYLETS	
				
<b>ST05</b> Surch-Lite 5" (127mm) sterile - 10/box	<b>ST10</b> Surch-Lite 10" (254mm) sterile - 3/box	<b>ST15</b> Surch-Lite 15" (381mm) sterile - 3/box	<b>NLOT</b> orotracheal stylet, non-sterile - 1/box	<b>SLOT</b> orotracheal stylet, sterile - 1/box

# UV WOODS LIGHT, SPECIALTY LIGHTS, PENLIGHTS

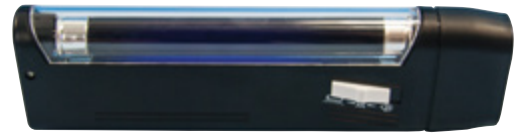
## SPECIALTY LIGHTS



**6802**  
Fluoro-Dot™ - 1/box

Specialty lights are used in conjunction with fluorescein dye to find foreign matter in the eye.

## WOODS LIGHT



**UV59**  
Hand-held woods light is excellent for detecting certain skin disorders and rape detection procedures - 1/box

## PENLIGHT PACKS



**6303**  
cobalt penlight - 3/pack



**6666**  
doctor's disposable penlight - 6/pack



**66RN**  
penlight with pupil gauge - 6/pack



**7156**  
cobalt filter only - 1/pack



## DERMASCOUT™ II

The DermaScout™ II is an efficient and dependable instrument for visualization of dermal lesions. The dermatoscope is used to view, measure and monitor skin lesions, fungal infections, tumors, warts and other conditions that may affect the patient's epidermis. The hand-held magnifier has 6x magnification, LED illumination, and a dual scale (Eng./Metric) measuring reticle, as well as an independent diopter to allow the user to focus on differing focal points.



**LED Illumination**



**Storage Case**

### Catalog #

**BVDS-6-02** – DermaScout™ II Dermatoscope

**DS-6-01** – Replacement Battery, Type CR2, 3






### Features

- Magnification with 40mm top lens
- Diopter focus control for sharp focusing
- 40mm field of view (flat field)
- 31mm working distance
- Illuminated with an array of 9 LEDs
- More than 150 hours of battery power
- Reticle with dual measuring scales: millimeters and inches
- 20mm: 10mm left of center/10mm right of center
- Measure in 0.1mm increments
- Measure in 0.05" increments
- Durable locking transport and storage case
- Battery included (type: CR2, 3V)

## OPHTHALMIC PRODUCTS


Bovie® offers a diverse line of ophthalmic products, including an ophthalmic burr, and a clear protective eye bubble for ophthalmic and neurological procedures.

OPHTHALMIC BURR HANDLE	EYE BUBBLE
	
<p><b>0010</b> Bovie® Burr 2 (includes one disposable 1mm burr tip [0001] for corneal rust ring removal, AA alkaline battery and a foam-lined case; a diamond burr tip [0011] may be purchased separately for use in polishing the pterygium bed after surgical removal and for lid margin lesions) - 1/box</p>	<p><b>0002</b> eye bubble - 10/box</p>

OPHTHALMIC BURR TIPS				
				
<p><b>0011</b> diamond burr 2.5mm for use in conjunction with 0010 or equivalent 1/box</p>	<p><b>0012</b> diamond burr 5mm for use in conjunction with the 0010 or equivalent 1/box</p>	<p><b>0001</b> 1mm burr tip for use with the 0010 or equivalent for corneal rust ring removal, sterile - 10/box</p>	<p><b>AB01</b> 1mm burr tip for use with AB03, AB04 or equivalent, sterile 10/box</p>	<p><b>AB05</b> 0.5mm burr tip for use with AB03, AB04 or equivalent, sterile 10/box</p>

## NERVE LOCATORS

Neuro-Pulse™ nerve locators are designed for identifying exposed motor nerves and reducing the possibility of accidental nerve damage or severance. These battery-powered units are portable and are ideal for head, neck, hand, plastic and facial applications.

OPHTHALMIC BURR HANDLE

<p><b>0003</b> Neuro-Pulse has three output settings - 0.5mA, 1mA, and 2mA at 3 volts DC - 10/box</p>

# NOTES:

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NON-ACUTE BVCAT 03.02.2023 v1