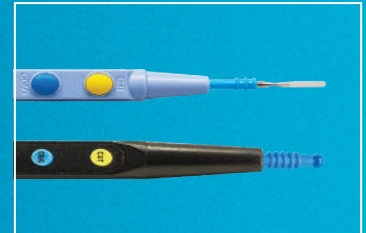
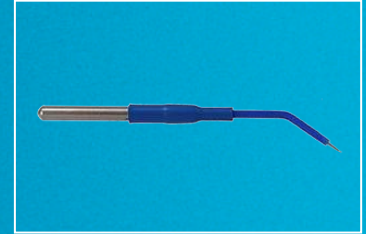
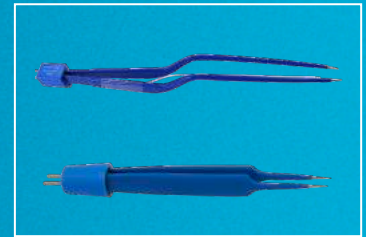


# Bovie®

the name you trust is now part of



## PRODUCT CATALOG



# 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. 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 1st, "...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, we continue 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 William T. Bovie for their incredible invention.

## Symmetry Surgical

Antioch, TN 37013, USA

U.S. Phone 1-800-251-3000

[symmetrysurgical.com](http://symmetrysurgical.com)

[boviemedical.com](http://boviemedical.com)

[customerservice@symmetrysurgical.com](mailto:customerservice@symmetrysurgical.com)

The Bovie® electrosurgery portfolio is now part of Symmetry Surgical, 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.



RoHS Compliant



# TABLE OF CONTENTS

[www.boviemedical.com](http://www.boviemedical.com)

**Bovie**

## ELECTROSURGERY

OR   PRO 300 .....	4
Surgi-Center   PRO.....	5
Specialist   PRO.....	6
Specialist   PRO-G.....	7
Bantam   PRO™ .....	8
Bantam   PRO-G .....	9
DERM 942 .....	10
DERM 101 & DERM 102 .....	11
Electrosurgery Pencils.....	12
Suction Coagulators .....	13
Disposable Electrodes, Blades, Balls, Needles, Dermal Tips.....	14
Resistick II™ Coated Electrodes .....	15
Olsen® & Bovie® Microdissection Needles.....	16
Laparoscopic Electrodes .....	17
Disposable Loops .....	18
Tungsten SuperCut™ Needles & Loop, Arthroscopic Electrodes .....	19
Reusable Electrodes, Blades, Balls, Needles.....	20
Reusable Loops.....	21
Reusable Bipolar Forceps .....	22
Olsen® Bipolar Forceps.....	23-24
Mobile Stands, Footswitches, Wall Mount Kits .....	25
Return Electrodes, Active Cable, Cords, Adaptors.....	26

## SMOKE

Bovie® Smoke Shark™ II.....	27
Smoke Evacuation Accessories.....	28

## MEDICAL LIGHTS

MI 150 and MI 300 LED Lights .....	29
MI 550 LED Lights.....	30
MI 750 LED Lights.....	31
MI 1000 LED Lights.....	32
System Two LED Lights .....	33

# TABLE OF CONTENTS

[www.boviemedical.com](http://www.boviemedical.com)

**Bovie**

## COLPOSCOPES & ACUDOP™ II

Colpo-Master™ I .....	34
Colpo-Master™ II .....	35
Colpo-Master™ III .....	36
Olsen® Vaginal Speculums with Smoke Port.....	37
AcuDop™ II.....	38

## CRYOSURGERY

Freezpoint™ .....	39
IceOut™ .....	40

## CAUTERIES

High-Temperature Cauteries.....	41
Low-Temperature Cauteries.....	42
Change-A-Tip™ Cauteries .....	43
Replacement Tips.....	44

## SPECIALTY LIGHTS

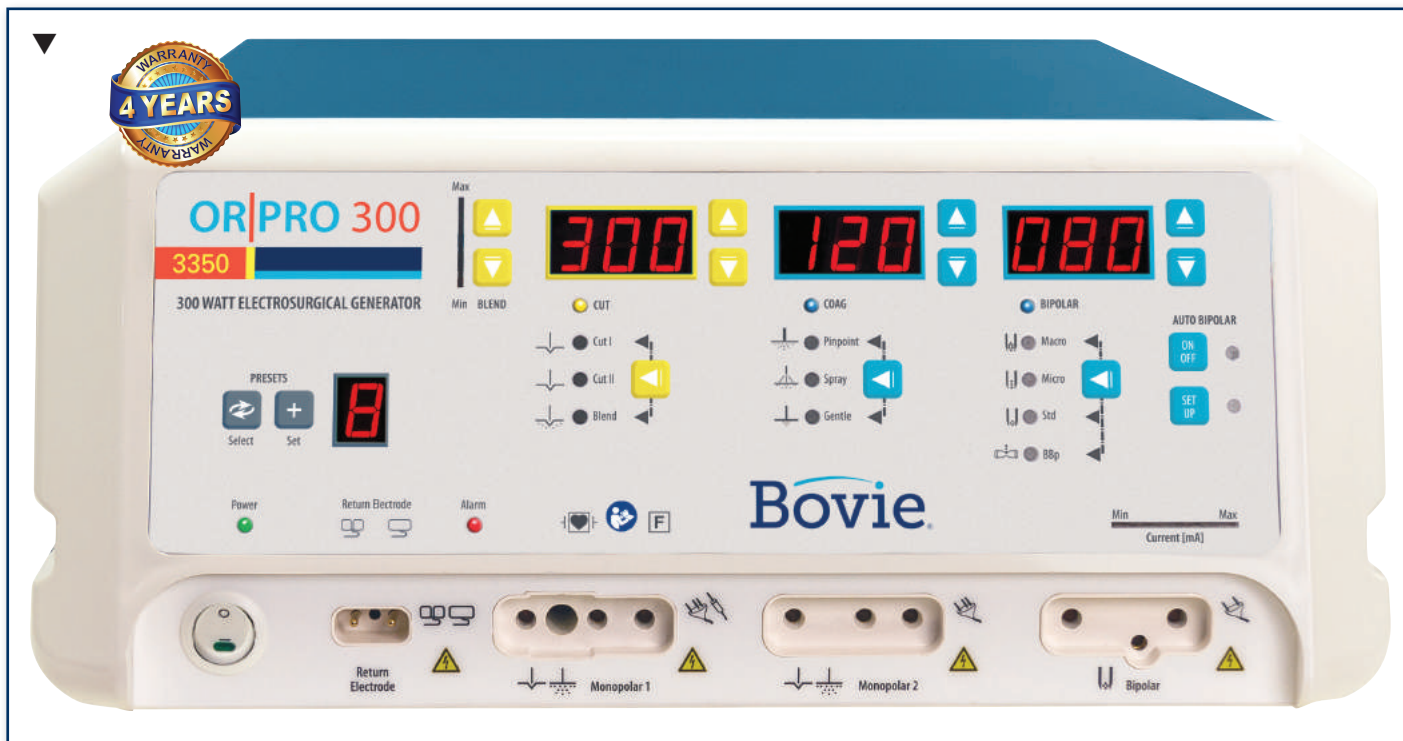
Flexible Lights, Stylets .....	45
Specialty Lights, Penlights, UV Woods .....	46

## OTHER PRODUCTS

DermaScout™ II .....	47
Burr Handles, Burr Tips, Eye Bubble .....	48
Neuro-Pulse™ .....	48

## BOVIE® OR | PRO 300 ELECTROSURGICAL GENERATOR

The Bovie® OR | PRO 300 system was designed in conjunction with OR 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 and special Laparoscopic modes for surgeons to tailor all electrosurgery needs for their variety of surgical applications and user preferences.



### Style # A3350

#### ▼ Products Included

Bovie® OR | PRO 300 unit  
Hospital-grade power cord  
(120 VAC, 240 VAC)\*  
User's guide (MC-55-230-001)\*

#### Dimensions

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

#### 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  $\pm$  5 kHz

#### Line Voltage

100 – 240 VAC

#### Line Frequency

50 – 60 Hz

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

\* Not Pictured

† Sold Separately

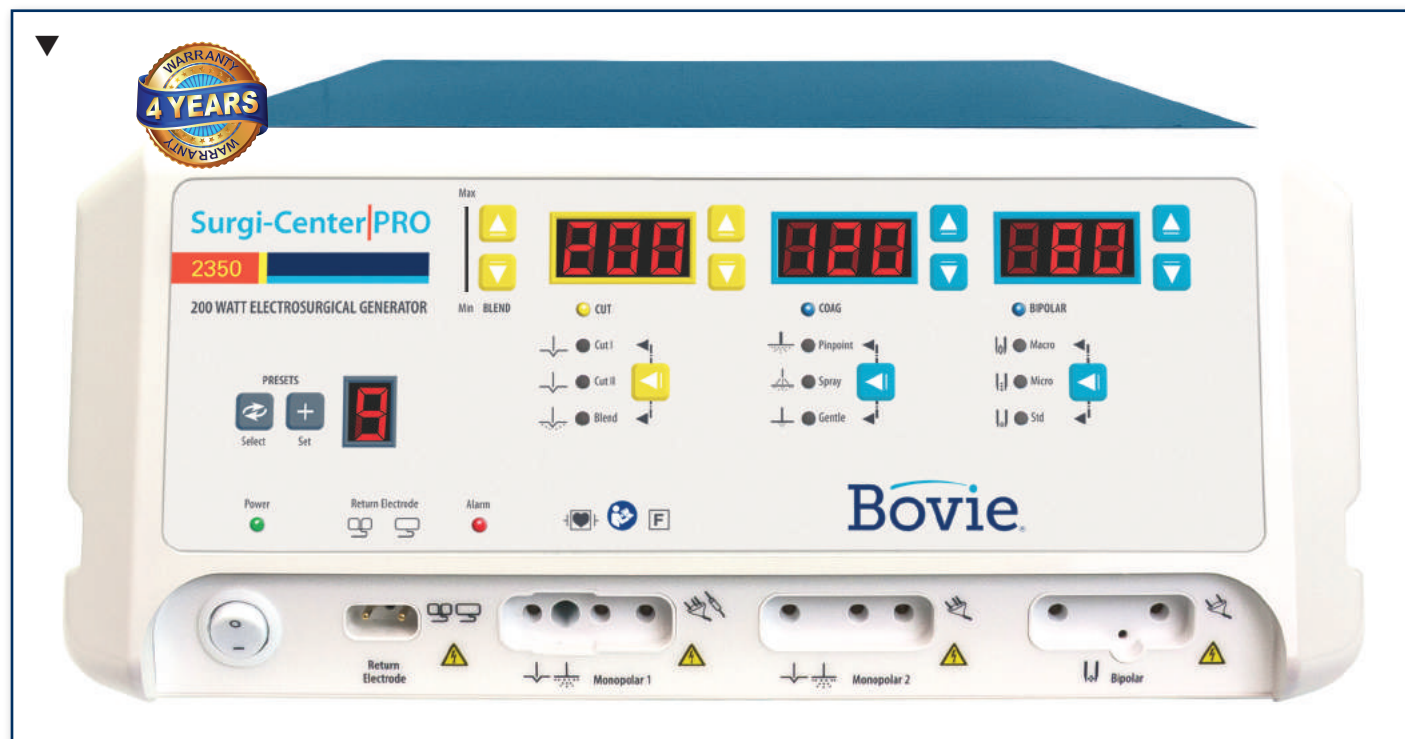
### ★ RECOMMENDED ACCESSORIES †

To avoid incompatibility and unsafe operation, we recommend using the following accessories with the Bovie® OR | PRO 300:

				
BV-1253B	BV-1254B	A1255A	A827V	
				
ESRE	A821	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; 2 cut, 4 blend, 3 coagulation and 3 bipolar modalities.



### Style # A2350

#### ▼ Products Included

Bovie® Surgi-Center | PRO unit  
Hospital-grade power cord  
(110 VAC, 220 VAC)\*  
User's guide (**MC-55-232-001**)\*

#### Dimensions

Height: 16.5 cm (6.5 in.)  
Width: 37.5 cm (14.75 in.)  
Depth: 46 cm (18.1 in.)  
Weight: <9.07 kg (<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  $\pm$  5 kHz

#### Line Voltage

100 – 240 VAC

#### Line Frequency

50 – 60 Hz

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

\* Not Pictured

† Sold Separately

### ★ RECOMMENDED ACCESSORIES †

To avoid incompatibility and unsafe operation, we recommend using the following accessories with the Bovie® Surgi-Center | PRO:

				
BV-1253B	BV-1254B	A1255A	A827V	
				BV-IDS-CS2
ESRE	A821	ESP1, ESP6, or ESPR2		

## 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

#### Dimensions

Height: 15.2 cm (6 in.)  
Width: 26 cm (10.25 in.)  
Depth: 30.5 cm (12 in.)  
Weight: < 6.5 kg (< 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**

### ★ RECOMMENDED ACCESSORIES†



BV-1253B



A1255A

### ▼ PRODUCTS INCLUDED



ESP1



ES01, ES02, ES20



ESRE



A1252C

### ▼ 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** (1) reusable grounding cord  
110 VAC Hospital-grade power cord\*  
220 VAC Hospital-grade power cord\*  
User's guide (**MC-55-237-001**)\*









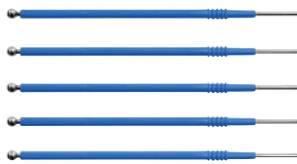


\* Not Pictured

† Sold Separately

## 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 A1250-G includes a loop electrode kit (5 of our most popular loops), 5 extended ball electrodes and a smoke evacuator hose reducer fitting for attaching to a vaginal speculum.

### ▼ PRODUCTS INCLUDED

	
A1250S	<div>ESP1</div> <div>    </div> <div>ES01, ES02, ES20      ESRE      A1252C</div>
	<div>   </div> <div>ESLK      SE02</div> <div>    </div> <div>ES07      786T      SERF</div>
ESMS2	

### Style # A1250S-G

#### ▼ Products Included

##### • A1250S electrocautery 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** (1) reusable grounding cord
- + 110 VAC Hospital-grade power cord\*
- + 220 VAC Hospital-grade power cord\*
- + User's guide (**MC-55-237-001**)\*

##### • Smoke Shark™ II system

- + **SE02** (1) Smoke Shark with pneumatic footswitch
- + **SF35** (1) 35-hour filter
- + **786T** (1) 7/8" (22.225 mm) tube 6' (182.9 cm) long
- + **SERF** (1) reducer fitting (attaches to vaginal speculum)

##### • ESMS2 electrocautery mobile stand

##### • ESLK electrocautery loop kit

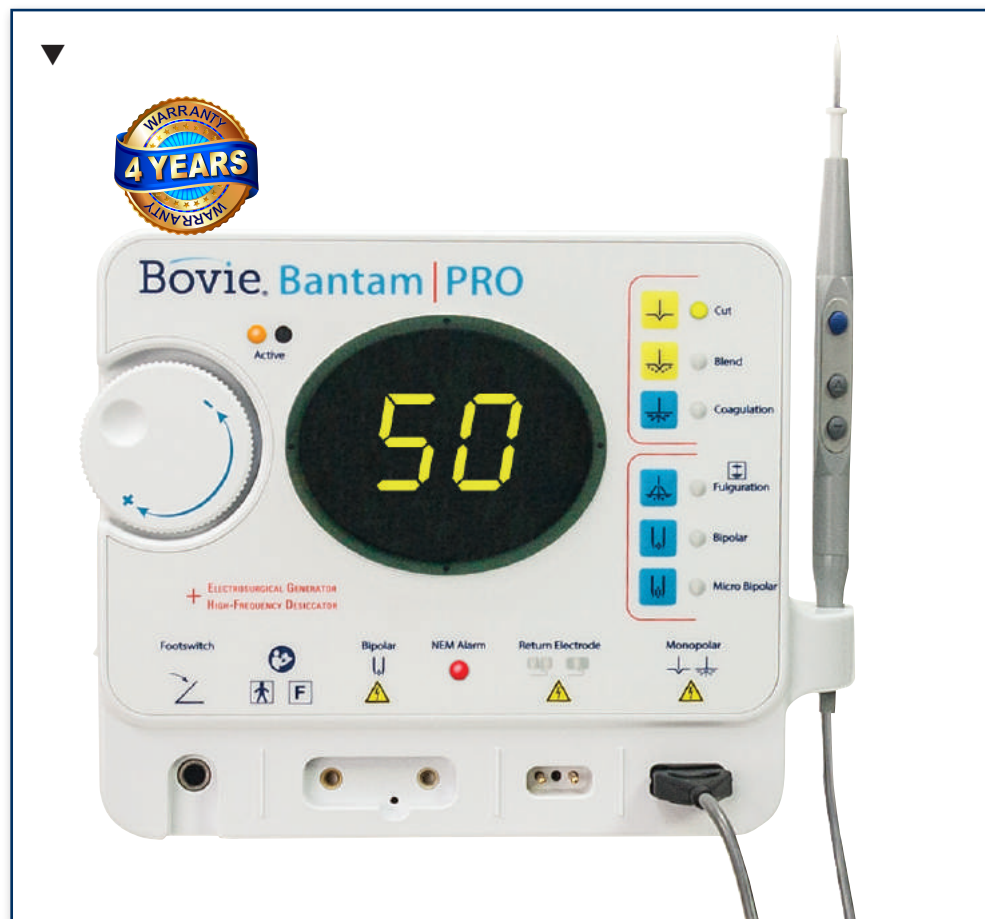
- + **ES09** (1) 10 mm x 10 mm loop
- + **ES11** (1) 15 mm x 10 mm loop
- + **ES12** (1) 20 mm x 8 mm loop
- + **ES13** (1) 20 mm x 15 mm loop
- + **ES16** (1) 10 mm x 8 mm square

##### • ES07 (5) extended ball electrodes

\* Not Pictured

**BOVIE® BANTAM | PRO™**

The Bovie® Bantam | PRO is a High Frequency Desiccator with cutting ability. One half of the unit is a high frequency desiccator, an upgrade to our very popular Bovie® A940. The other half is a Bovie® generator, giving you 50 watts of cutting power and coag capabilities – plenty of power for most cutting procedures performed in the doctor's office.

**▼ 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** (1) 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**)\*

\*Not Pictured

**Style # A952****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

**▼ PRODUCTS INCLUDED**

A902	A804, A805, A806, A807, A806DE, A807DE	ES01, ES02, ES20	A837	A910	A910ST

## 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 (5 of our most popular loops), 5 extended ball electrodes and a smoke evacuation hose reducer fitting for attaching to a vaginal speculum.

### ▼ PRODUCTS INCLUDED

						
	A902		ES01, ES02, ES20		A804, A805, A806, A807, A806DE, A807DE	
						
A952	A1252C		ESRE		A910ST	A910
						
	ESLK		A837		SE02	
						
A812-C	ES07		786T		SERF	

### Style # A952-G

#### ▼ Products Included

##### • A952 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 electrode
- + **ES20** (1) ball sterile disposable electrode
- + **A910** (2) non-sterile disposable handpiece sheaths\*
- + **A910ST** (2) sterile disposable handpiece sheaths
- + **A1252C** (1) 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**)\*

##### • Smoke Shark™ II system

- + **SE02** (1) Smoke Shark™ with pneumatic footswitch
- + **SF35** (1) 35-hour filter
- + **786T** (1) 7/8" (22.23 mm) tube 6' (182.9 cm) long
- + **SERF** (1) reducer fitting\* (attaches to vaginal speculum)

##### • A812-C electrosurgical mobile stand

- + **A812** (1) mobile stand
- + **A812-E** (1) height extender
- + **A808-T** (1) instrument tray
- + **A812-BT** (1) bottom tray

##### • ESLK electrosurgical loop kit

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

##### • ES07 (5) extended ball electrodes

\* Not Pictured

## 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 cleanup 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.



### ▼ Products Included

- A942** (1) high frequency desiccator
- A902** (1) 3-Button autoclavable 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
- A910ST** (2) sterile disposable handpiece sheath
- A910** (2) non-sterile disposable handpiece sheath
- A837** (1) wall mount kit
- 110 VAC Hospital-grade power cord\*
- User's guide (**MC-55-239-001**)\*

\*Not Pictured

### Style # A942

#### 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

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

### ▼ PRODUCTS INCLUDED

				
A902	A804, A805, A806, A807, A806DE, A807DE	A837	A910	A910ST

## DERM 101/102 HIGH FREQUENCY DESICCATOR

The DERM 101 and DERM 102 are economical, 10 watt high frequency desiccators, 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 101 High Frequency Desiccator offers ten watts of monopolar 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. Both units features a large, bright, LED display for excellent visibility across the procedure room. For the practitioner utilizing bipolar electrosurgery, Bovie® offers the DERM 102 High Frequency Desiccator with 10 watts of monopolar and bipolar power, adjustable in 1/10th watt increments.



### Style # DERM 101 & DERM 102

#### Dimensions

Height: 208 mm (8.2 in.)  
Width: 184 mm (7.2 in.)  
Depth: 69 mm (2.7 in.)  
Weight: < 1.4 kg (< 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**



### ▼ PRODUCTS INCLUDED

A902	A804, A805	A806, A807
A806DE, A807DE	A910	A837

### ▼ Products Included

DERM 101 or DERM 102 unit

- A902** (1) three-button power control autoclavable 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 medical-grade power cord\*

User's guide CD (**MC-55-229-001**)\*

\* Not Pictured

## ELECTROSURGERY PENCILS

Most Bovie® electrosurgery pencils utilize a 3-pin industry-standard connection and are compatible with most electrosurgical generators. The disposable pencils feature standard push button, 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 1/16th electrodes and is validated for up to 25 autoclave cycles.

### REUSABLE PENCILS



#### ESPR2\*

Autoclavable reusable pencil, validated to one hundred (100) autoclave cycles, non-sterile - 1/box (electrode not included)

#### ESPR-EL\*

Autoclavable reusable pencil, validated to twenty-five (25) autoclave cycles, 1/16th" collet, non-sterile - 1/box (electrode not included)

\*Pencils using a standard 3-prong connector



### DISPOSABLE PENCILS



#### ESP1\*

#### ESP1 PUSH-BUTTON CONFIGURATIONS

**ESP1** pencil, blade - 50/box  
**ESP1H** pencil, blade, holster - 40/box  
**ESP1HS** pencil, blade, holster, scratch pad - 40/box  
**ESP1N** pencil, needle - 50/box  
**ESP1HN** pencil, needle, holster - 40/box

#### RESISTICK II™ PENCIL CONFIGURATIONS

**ESP1T** disposable pencil, ES01T coated blade - 50/box  
**ESP1TN** disposable pencil, ES02T coated needle - 50/box  
**ESP1TH** disposable pencil, ESPH holster, ES01 coated blade - 40/box



#### ESP1T\*



#### ESP1TN\*



#### ESP6\*

#### ESP6 ROCKER SWITCH CONFIGURATIONS

**ESP6** pencil, blade - 50/box  
**ESP6H** pencil, blade, holster - 40/box  
**ESP6HS** pencil, blade, holster, scratch pad - 40/box  
**ESP6N** pencil, needle - 50/box  
**ESP6HN** pencil, needle, holster - 40/box

#### RESISTICK II PENCIL CONFIGURATIONS

**ESP6T** disposable pencil, ES01T coated blade - 50/box  
**ESP6TN** disposable pencil, ES02T coated needle - 50/box



#### ESP6T\*



#### ESP6TN\*



#### ESP7†

#### ESP7 FOOT-CONTROL CONFIGURATIONS

**ESP7** pencil, blade - 50/box  
**ESP7H** pencil, blade, holster - 40/box

† Pencils using a single pin connector



**ELECTROSURGERY PENCILS** Continued...

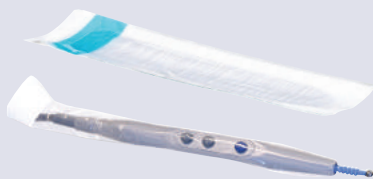
For low watt generators, Bovie® offers the proprietary A902 autoclavable, 3-button, power-control pencil.

**A902**

autoclavable reusable 3-button pencil for A952, A942, DERM 102, DERM 101 - comes with generator or 1/box

**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.

**A910\***

disposable handpiece sheath, non-sterile - 100/box

**A910ST\***

disposable handpiece and cord sheath, sterile, 38" (96.52 cm) - 25/box

**ESPH**

disposable pencil holster, sterile - 40/box

**ESSP**

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 those of most other companies. The devices feature three different diameters, 6" flexible shaft and hand or foot activation. The single use devices are individually packaged sterile, ten per box.

**HANDSWITCH SUCTION COAGULATORS**

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

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

**FOOTSWITCH SUCTION COAGULATORS**






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



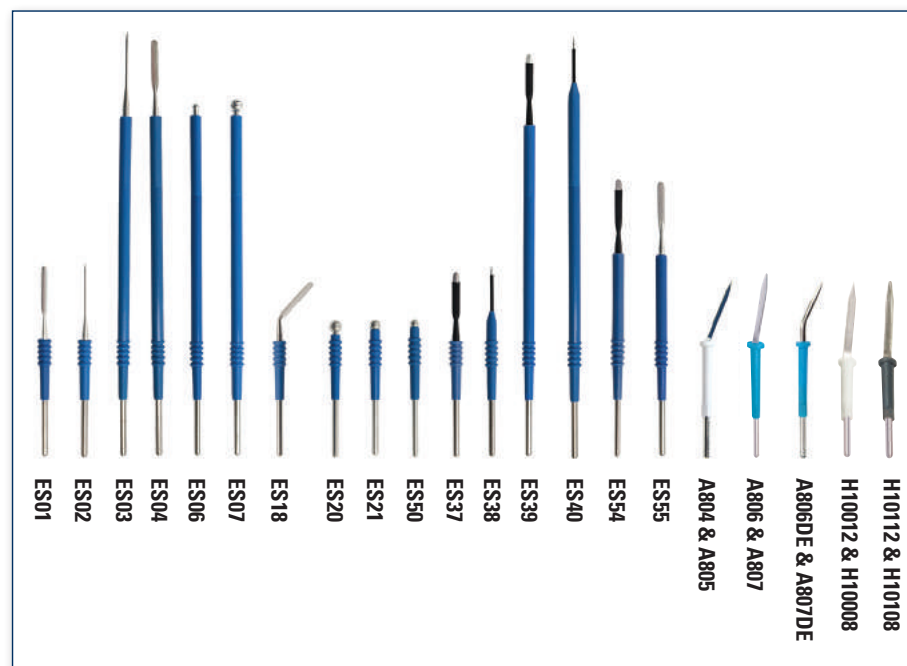
## ELECTRODES




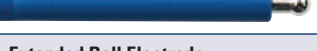
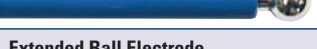
All electrodes utilize the standard 3/32" (2.3 mm) stainless steel shaft. The molded electrodes feature safety grip insulators combining patient and user safety with easy insertion into, and removal from, the surgical pencil. Electrodes are manufactured to the highest standards. They come individually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





\* non-sterile and not packaged individually.

	A804* Non-Sterile A805 Sterile
Sharp Dermal Tip for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box	
	A806* Non-Sterile A807 Sterile
Blunt Dermal Tip for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box	
	A806DE* Non-Sterile A807DE Sterile
Derm-Elite Disposable Dermal Tip for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box	
	H10012* Non-Sterile H10008 Sterile
H-type Sharp Tip Disposable Electrode for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box	
	H10112* Non-Sterile H10108 Sterile
H-type Blunt Tip Disposable Electrode for use with A952, A942, DERM 102, & DERM 101. Non-Sterile - 100/box    Sterile - 50/box	

	ES01
Standard Blade Electrode 2.75" (6.99 cm) - 50/box	
	ES37
Modified Blade Electrode 2.75" (6.99 cm) - 25/box	
	ES18
Angled Blade 45° Electrode 2.5" (6.35 cm) - 5/box	
	ES55
Extended Blade Electrode 4" (10.16 cm) - 25/box	
	ES54
Extended Modified Blade Electrode 4" (10.16 cm) - 25/box	
	ES04
Extended Blade Electrode 6" (15.24 cm) - 25/box	
	ES39
Extended Modified Blade Electrode 6" (15.24 cm) - 25/box	















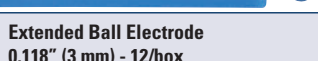
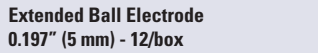
	ES50
Standard 1/8" Ball Electrode 0.125" (3.18 mm) - 25/box	
	ES21
Standard 5/32" Ball Electrode 0.156" (3.97 mm) - 25/box	
	ES20
Standard 3/16" Ball Electrode 0.188" (4.78 mm) - 25/box	
	ES06
Extended Ball Electrode 0.118" (3 mm) - 5/box	
	ES07
Extended Ball Electrode 0.197" (5 mm) - 5/box	

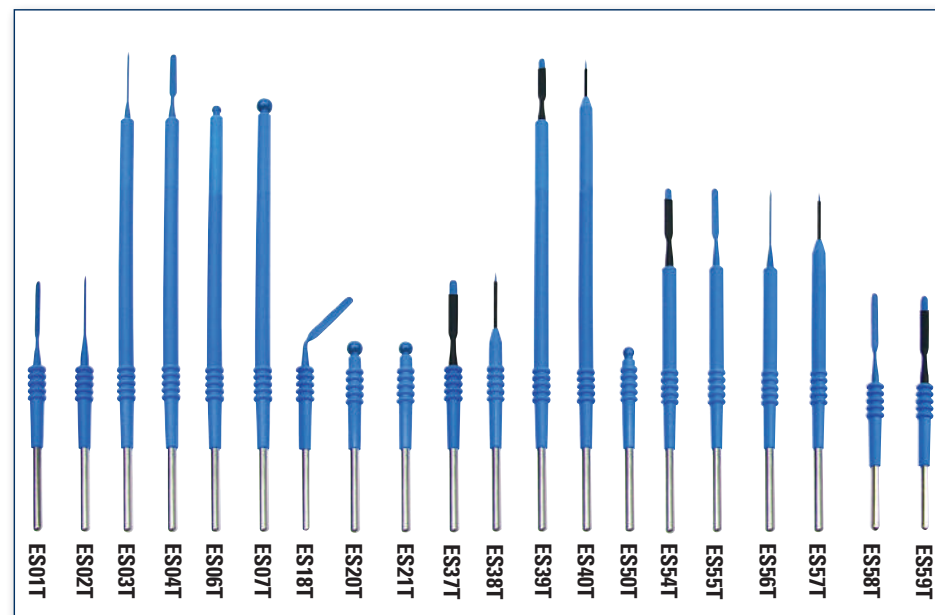
	ES02
Standard Needle Electrode 2.75" (6.99 cm) - 25/box	
	ES38
Modified Needle Electrode 2.75" (6.99 cm) - 25/box	
	ES03
Extended Needle Electrode 6" (15.24 cm) - 25/box	
	ES40
Extended Modified Needle Electrode 6" (15.24 cm) - 25/box	




## 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 almost effortlessly clean the debris off the Resistick II™ electrodes.

	ES58T
<b>Blade Electrode</b> 2.5" (6.35 cm) - 12/box	
	ES59T
<b>Modified Blade Electrode</b> 2.5" (6.35 cm) - 12/box	
	ES01T
<b>Standard Blade Electrode</b> 2.75" (6.99 cm) - 12/box	
	ES37T
<b>Modified Blade Electrode</b> 2.75" (6.99 cm) - 12/box	
	ES18T
<b>Angled Blade 45° Electrode</b> 2.75" (6.99 cm) - 12/box	
	ES55T
<b>Extended Blade Electrode</b> 4" (10.16 cm) - 12/box	
	ES54T
<b>Extended Modified Blade Electrode</b> 4" (10.16 cm) - 12/box	
	ES04T
<b>Extended Blade Electrode</b> 6" (15.24 cm) - 12/box	
	ES39T
<b>Extended Modified Blade Electrode</b> 6" (15.24 cm) - 12/box	

	ES50T
<b>Standard 1/8" Ball Electrode</b> 0.125" (3.18 mm) - 12/box	
	ES21T
<b>Standard 5/32" Ball Electrode</b> 0.156" (3.97 mm) - 12/box	
	ES20T
<b>Standard 3/16" Ball Electrode</b> 0.188" (4.78 mm) - 12/box	
	ES06T
<b>Extended Ball Electrode</b> 0.118" (3 mm) - 12/box	
	ES07T
<b>Extended Ball Electrode</b> 0.197" (5 mm) - 12/box	













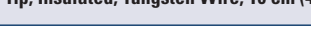

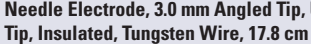






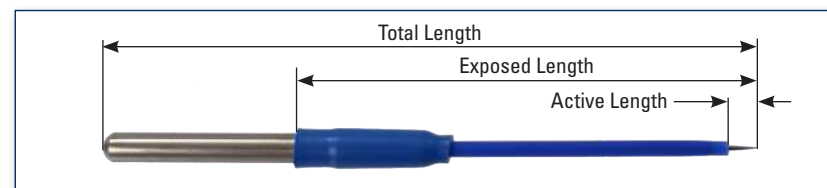
	ES02T
<b>Standard Needle Electrode</b> 2.75" (6.99 cm) - 12/box	
	ES38T
<b>Modified Needle Electrode</b> 2.75" (6.99 cm) - 12/box	
	ES56T
<b>Extended Needle Electrode</b> 4" (10.16 cm) - 12/box	

	ES57T
<b>Extended Modified Needle Electrode</b> 4" (10.16 cm) - 12/box	
	ES03T
<b>Extended Needle Electrode</b> 6" (15.24 cm) - 12/box	
	ES40T
<b>Extended Modified Needle Electrode</b> 6" (15.24 cm) - 12/box	

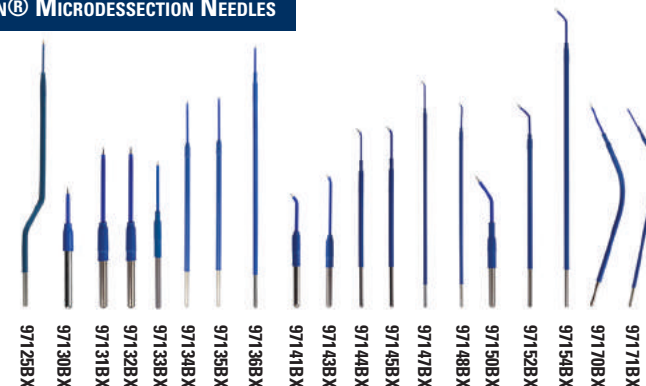
## MICRODISSECTION NEEDLE ELECTRODES

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.

	97125BX
Needle Electrode, Ultra Sharp Tip, Insulated, Tungsten Wire, Bayonet Shaft, 15 cm (6 in)	
	97130BX
Needle Electrode, Tungsten Wire, Straight, Insulated, Ultra Sharp Tip, 3 cm (1-1/4 in)	
	97131BX
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 4 cm (1-5/8 in)	
	97132BX
Needle Electrode, Ultra Sharp, Tungsten Wire, Insulated, Straight, 5 cm (2 in)	
	97133BX
Needle Electrode, Tungsten Wire, Straight, Insulated, Ultra Sharp Tip, 6.4 cm (2-1/2 in)	
	97134BX
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 11 cm (4-5/8 in)	
	97135BX
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 14 cm (5-1/2 in)	
	97136BX
Needle Electrode, Straight, Ultra Sharp Tip, Insulated, Tungsten Wire, 16.8 cm (6-5/8 in)	
	97141BX
Needle Electrode, 1-5/8" (4.1 cm), Tungsten Wire, 3.0 mm Angled Tip, Insulated, Ultra Sharp Tip, 4 cm (1-5/8 in)	
	97143BX
Needle Electrode, 3.0 mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 5 cm (2 in)	
	97144BX
Needle Electrode, 3.0 mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 10 cm (4 in)	
	97145BX
Needle Electrode, 3.0 mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 10 cm (4 in)	
	97147BX
Needle Electrode, 3.0 mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 16.8 cm (6-5/8 in)	
	97148BX
Needle Electrode, 3.0 mm Angled Tip, Ultra Sharp Tip, Insulated, Tungsten Wire, 17.8 cm (7 in)	
	97150BX
Needle Electrode, 10 mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 5 cm (2 in)	
	97152BX
Needle Electrode, 10 mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 12.4 cm (4-7/8 in)	
	97154BX
Needle Electrode, 10 mm Angled Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 17.5 cm (6-7/8 in)	
	97170BX
Needle Electrode, Curved Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 10 cm (4 in)	
	97171BX
Needle Electrode, Curved Shaft, Ultra Sharp Tip, Insulated, Tungsten Wire, 15 cm (5-7/8 in)	



### OLSEN® MICRODISSECTION NEEDLES



### SUPERCUT TUNGSTEN NEEDLES



#### REUSABLE SUPERCUT TUNGSTEN NEEDLES

<b>ES60R</b>	needle super fine 3 cm, non-sterile - 1/box
<b>ES62R</b>	needle super fine 4.5 cm, non-sterile - 1/box

#### SINGLE-USE SUPERCUT TUNGSTEN NEEDLES

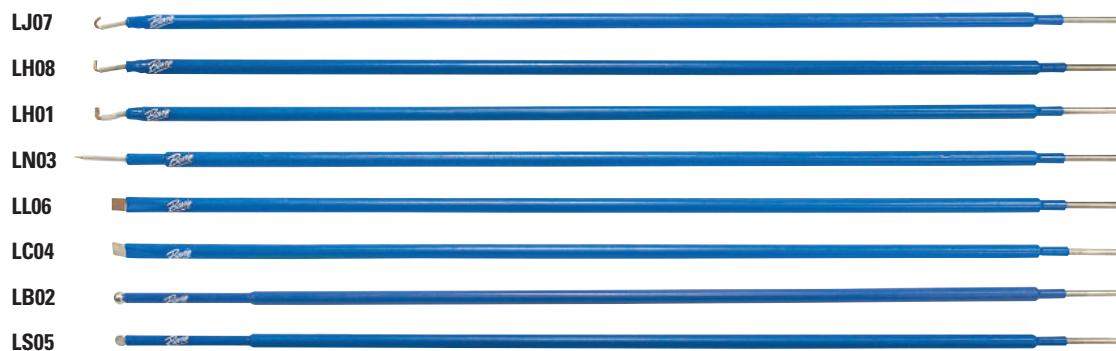
<b>ES61HS</b>	modified fine needle with Heatshrink, sterile - 5/box
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#### SINGLE-USE SUPERCUT TUNGSTEN NEEDLES



<b>ES60</b>	needle super fine 3 cm, sterile - 5/box
<b>ES61</b>	modified needle super fine 3 cm, sterile - 5/box
<b>ES62</b>	needle super fine 4.5 cm, sterile - 5/box
<b>ES63</b>	modified needle super fine 4.5 cm, sterile - 5/box

## LAPAROSCOPIC ELECTRODES

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



	LJ07
Laparoscopic J-Hook Wire Electrode with 4 mm Adaptor, Sterile - 5/box	
	LH08
Laparoscopic L-Hook Wire Electrode with 4 mm Adaptor, Sterile - 5/box	

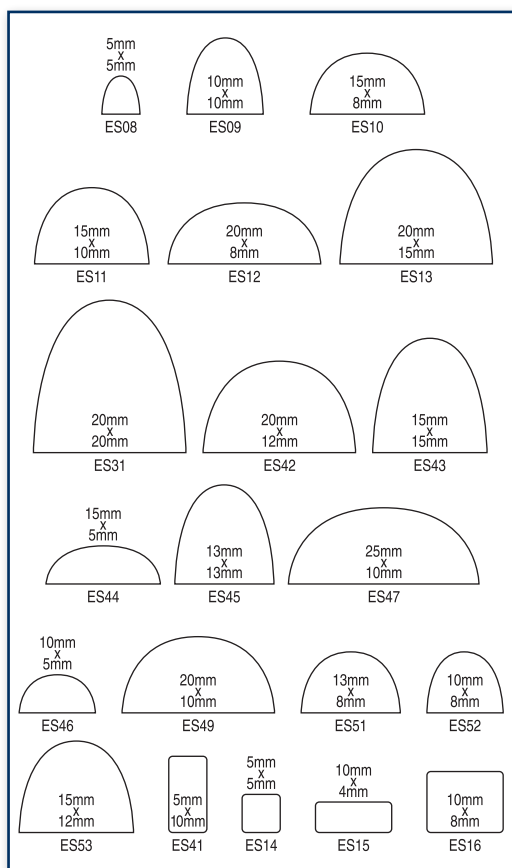
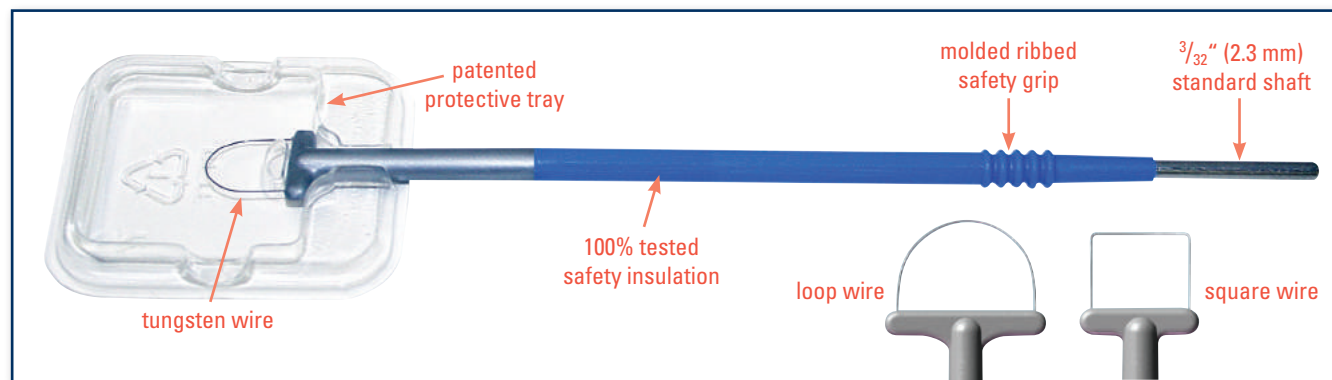
	LH01
Laparoscopic L-Hook Heavy Wire Electrode with 4 mm Adaptor, Sterile - 5/box	
	LN03
Laparoscopic Needle Electrode with 4 mm Adaptor, Sterile - 5/box	

	LL06
Laparoscopic Standard Blade Electrode with 4 mm Adaptor, Sterile - 5/box	
	LC04
Laparoscopic Curved Blade Electrode with 4 mm Adaptor, Sterile - 5/box	

	LB02
Laparoscopic Ball Electrode with 4 mm Adaptor, Sterile - 5/box	
	LS05
Laparoscopic Spatula Electrode with 4 mm 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" (2.3 mm) shaft. All molded loops are packaged in a patented protective tray to prevent damage during shipping.



### LOOPS

**ES08**  
5 mm x 5 mm loop - 5/box

**ES09**  
10 mm x 10 mm loop - 5/box

**ES10**  
15 mm x 8 mm loop - 5/box

**ES11**  
15 mm x 10 mm loop - 5/box

**ES12**  
20 mm x 8 mm loop - 5/box

**ES13**  
20 mm x 15 mm loop - 5/box

**ES31**  
20 mm x 20 mm loop - 5/box

**ES42**  
20 mm x 12 mm loop - 5/box

**ES43**  
15 mm x 15 mm loop - 5/box

**ES44**  
15 mm x 5 mm loop - 5/box

**ES45**  
13 mm x 13 mm loop - 5/box

**ES46**  
10 mm x 5 mm loop - 5/box

**ES47**  
25 mm x 10 mm loop - 5/box

**ES49**  
20 mm x 10 mm loop - 5/box

**ES51**  
13 mm x 8 mm loop - 5/box

**ES52**  
10 mm x 8 mm loop - 5/box

**ES53**  
15 mm x 12 mm loop - 5/box

### SQUARES

**ES41**  
5 mm x 10 mm square - 5/box

**ES14**  
5 mm x 5 mm square - 5/box

**ES15**  
10 mm x 4 mm square - 5/box

**ES16**  
10 mm x 8 mm square - 5/box

## SPECIALTY ELECTRODES

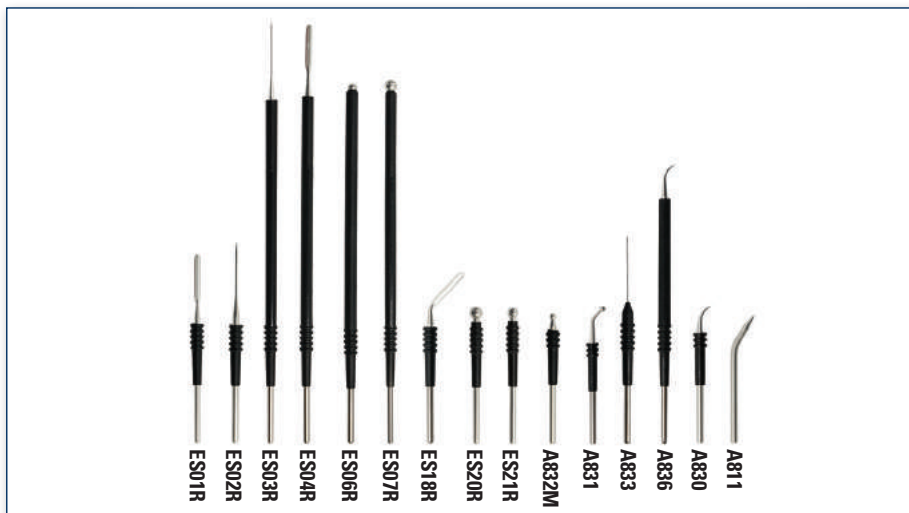
Bovie® manufactures an expansive line of specialty electrodes for a variety of applications including Dermal Loop Electrodes for dermatologic procedures, Arthroscopic electrodes and SuperCut™ Needle Electrodes (see page 16).




DISPOSABLE SHORT TUNGSTEN .008" WIRE LOOPS					DISPOSABLE SHORT TUNGSTEN .015" WIRE LOOPS				
<b>ES22-8</b> 1/4" (6.35 mm) short shaft loop, sterile - 5/box <b>ES23-8</b> 5/16" (7.94 mm) short shaft loop, sterile - 5/box <b>ES24-8</b> 3/8" (9.53 mm) short shaft loop, sterile - 5/box <b>ES25-8</b> 1/2" (12.7 mm) short shaft loop, sterile - 5/box <b>ES26-8</b> 3/4" (19.05 mm) short shaft loop, sterile - 5/box	<b>ES22</b> 1/4" (6.35 mm) short shaft loop, sterile - 5/box <b>ES23</b> 5/16" (7.94 mm) short shaft loop, sterile - 5/box <b>ES24</b> 3/8" (9.53 mm) short shaft loop, sterile - 5/box <b>ES25</b> 1/2" (12.7 mm) short shaft loop, sterile - 5/box <b>ES26</b> 3/4" (19.05 mm) short shaft loop, sterile - 5/box								
REUSABLE SHORT TUNGSTEN .015" WIRE LOOPS									
<b>ES22R</b> 1/4" (6.35 mm) short shaft loop, non-sterile - 1/box <b>ES23R</b> 5/16" (7.94 mm) short shaft loop, non-sterile - 1/box <b>ES24R</b> 3/8" (9.53 mm) short shaft loop, non-sterile - 1/box <b>ES25R</b> 1/2" (12.7 mm) short shaft loop, non-sterile - 1/box <b>ES26R</b> 3/4" (19.05 mm) short shaft loop, non-sterile - 1/box									

ARTHROSCOPIC ELECTRODES	
DISPOSABLE ARTHROSCOPIC ELECTRODES	
<b>AR00</b> hook 90, sterile - 5/box <b>AR01</b> hook 45, sterile - 5/box	<b>AR02</b> Acromioplasty, sterile - 5/box <b>AR03</b> Meniscectomy, sterile - 5/box




## REUSABLE ELECTRODES

All reusable electrodes utilize the standard 3/32" (2.3 mm) 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 5 – 25 autoclave cycles. For care and handling refer to the Instructions for Use in the package insert.



	A833
Straight Needle Electrode - 1/box	
	ES02R
Standard Needle Electrode 2.75" (6.99 cm) - 1/box	
	ES03R
Extended Needle Electrode 6" (15.24 cm) - 1/box	

	ES01R
Standard Blade Electrode 2.75" (6.99 cm) - 1/box	
	ES18R
Angled Blade 45° Electrode 2.75" (6.99 cm) - 1/box	
	ES04R
Extended Blade Electrode 6" (15.24 cm) - 1/box	

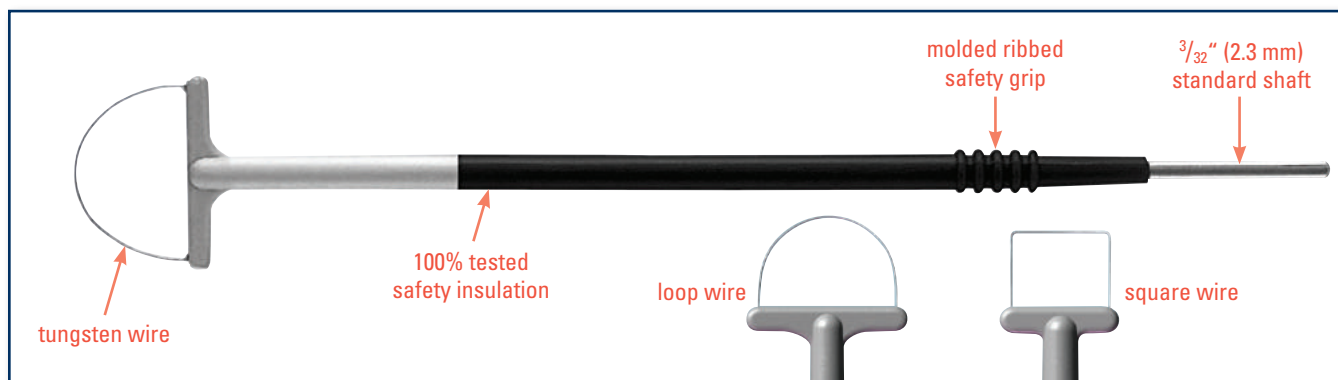
	A831
Angled 3/32" Ball Electrode 0.094" (2.38 mm) - 1/box	
	A832M
Standard 3/32" Ball Electrode 0.094" (2.38 mm) - 1/box	
	ES20R
Standard 3/16" Ball Electrode 0.188" (4.78 mm) - 1/box	

	ES21R
Standard 5/32" Ball Electrode 0.156" (3.97 mm) - 1/box	
	ES06R
Extended Ball Electrode 0.118" (3 mm) - 1/box	
	ES07R
Extended Ball Electrode 0.197" (5 mm) - 1/box	

	A811
Reusable Blunt Electrode - 1/box	
	A830
Angled Sharp Electrode - 1/box	
	A836
Extended Angled Sharp Electrode - 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" (2.3 mm) shaft. All molded loops are packaged in a patented protective tray to prevent damage during shipping. Electrodes are designed for 5 autoclave cycles. For care and handling refer to the Instructions for Use in the package insert.

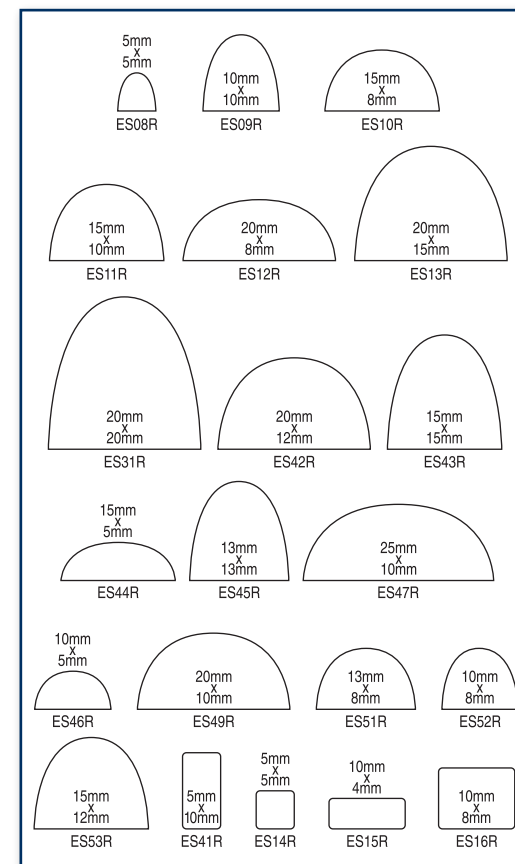


### LOOPS

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

### SQUARES

<b>ES41R</b> 5 mm x 10 mm square - 1/box	<b>ES14R</b> 5 mm x 5 mm square - 1/box	<b>ES15R</b> 10 mm x 4 mm square - 1/box	<b>ES16R</b> 10 mm x 8 mm square - 1/box
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## REUSABLE BIPOLAR FORCEPS

Reusable Bipolar Forceps are available in micro (.5 mm), 1.0 mm, and 2.0 mm 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" (184.15 mm) bayonet, fine (1.0 mm), smooth - 1/box	<b>A821</b> 8" (203.2 mm) bayonet, medium (2.0 mm), smooth - 1/box	<b>A822</b> 7" (177.8 mm) straight, fine (1.0 mm), smooth - 1/box	<b>A823</b> 7" (177.8 mm) curved, fine (1.0 mm), smooth - 1/box	<b>A824</b> 4.5" (114.3 mm) curved, micro (.5 mm) - 1/box
				
<b>A825</b> 4.75" (120.65 mm) straight, medium (2.0 mm), smooth - 1/box	<b>A826</b> 4.5" (114.3 mm) straight, micro (.5 mm), smooth - 1/box	<b>A840</b> 4" (101.6 mm) Tenzel, micro (.5 mm), coated - 1/box	<b>A841</b> 3.5" (88.9 mm) McPherson, curved, micro (.5 mm), coated - 1/box	<b>A842</b> 3.5" (88.9 mm) McPherson, straight, micro (.5 mm), coated - 1/box
				<p>➤ Bipolar forceps require an electrosurgery footswitch for activation. See footswitch page (25) for options.</p>
<b>A843</b> 4" (101.6 mm) Tenzel, micro (.5 mm), uncoated - 1/box	<b>A844</b> 3.5" (88.9 mm) McPherson, curved, micro (.5 mm), uncoated - 1/box	<b>A845</b> 3.5" (88.9 mm) McPherson, straight, micro (.5 mm), 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 noxious smoke.













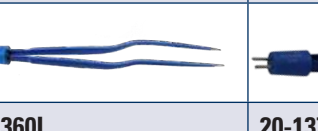

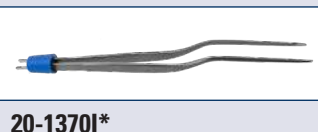








		
<b>20-1382IMT</b> Bayonet, Insulated, Smooth, Straight, 1.0 mm Tips, 191 mm (7 1/2 in) - 5/box	<b>20-1440IMT</b> Bayonet, Insulated, Smooth, Straight, 1.0 mm Tips, 210 mm (8 1/4 in) - 5/box	<b>20-1410IMT</b> Bayonet, Insulated, Smooth, Straight, 1.5 mm Tips, 210 mm (8 1/4 in) - 5/box

## OLSEN® ACCESSORIES

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

**OLSEN® BIPOLAR FORCEPS**

\* Available as kit - Add K to PART CODE (Kit contains Forceps, Olsen® Standard Twin Pin Cord and Surgiwipe).

Additional Olsen® Bipolar Forceps 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		STANDS AND WALL MOUNT	
	<b>A803</b> A952, A942, DERM 102, & DERM 101 footswitch		<b>A812-C</b> mobile stand for A952, A942, DERM 102, & DERM 101 [includes bottom tray, top tray, clamp, and 12" (304.8 mm) height extension] 47" (1193.8 mm) high
			<b>A812</b> mobile stand for A952, A942, DERM 102, & DERM 101 35" (889.0 mm) high
	<b>BV-1253B</b> A3350, A2350, & A1250S footswitch		<b>A812-BT</b> bottom tray for A812 13" (330.2 mm) long x 11.75" (298.5 mm) deep
			<b>A813</b> table-top stainless steel stand for A952, A942, DERM 102, & DERM 101
	<b>BV-1254B</b> A3350 & A2350 bipolar footswitch		<b>A808-T</b> top tray and clamp for A812 13.5" (342.9 mm) wide x 9.5" (241.3 mm) deep
			<b>A837</b> wall mount kit for A952, A942, DERM 102, & DERM 101
			<b>A812-E</b> 12" (304.8 mm) height extension for A812

## 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 a super adhesive hydrogel for secure patient application. Reusable grounding plates are also available for Animal Health procedures, as well as reusable return electrode cables for connection of reusable and disposable pads to the ESU. In addition, Bovie® provides active cables and adaptor for the connection of a variety of compatible electrosurgery accessories.

REUSABLE RETURN ELECTRODE PLATES AND CORDS		PENCIL ADAPTORS		DISPOSABLE RETURN ELECTRODE PADS	
	<b>A802EU</b> metal return electrode plate for A942, DERM 102, & DERM 101 - 1/pouch		<b>A905B</b> pencil adaptor for 1/32" (0.8 mm) electrode — fits most ESU pencils		<b>A1202 or ESRS</b> solid return electrode A1202 - 5/pack ESRS - 50/box
	<b>A1204P</b> replacement metal return electrode plate for use with A1204C and A1254C - 1/pouch	FOOT-CONTROL ADAPTOR			<b>ESRSC</b> solid adult return electrode w/2.8 m cable - 50/box
	<b>A1254C</b> return electrode cord for A3350, A2350, A1250S, & A952 - 1/pouch		<b>A1205A</b> adaptor for connecting footswitch pencil for the DERM 102, A942, and A952		<b>ESRE</b> split adult return electrode - 50/box
	<b>A1252C</b> return electrode cord for ESRE and ESRS to A3350, A2350, A1250S, & A952 - 1/pouch		<b>A1255A</b> adaptor plug for connecting footswitching pencil for the A3350, A2350, A1250S, and most ESUs		<b>ESREC</b> split adult return electrode w/2.8 m cable - 50/box

BOVIE® SMOKE SHARK™ II SMOKE EVACUATOR

The Bovie® Smoke Shark™ II is designed to be easy to use and extremely effective at smoke and particle removal at the operative site. The Bovie® Smoke Shark™ II is designed for use with all electrosurgical generators and is also effective for use in controlling smoke plume from lasers and other forms of advanced energy.



STYLE # SE02

▼ Products Included

(SE02) unit with Long Life 35-hour Filter (SF35),  
pneumatic footswitch (FSSEP)  
power cord\*  
user's guide (MC-23088)\*

DIMENSIONS

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

LINE FREQUENCY

50 – 60 Hz

WARRANTY

two years

LINE VOLTAGE

SE02: 120 VAC

TYPICAL SETUPS

ELECTROSURGERY

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


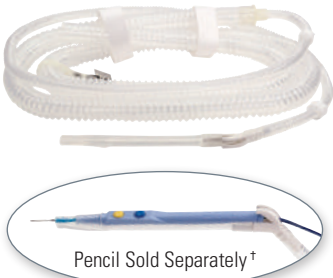

OB/GYN

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

LASER

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

★ RECOMMENDED ACCESSORIES<sup>†</sup>

	 Pencil Sold Separately <sup>†</sup>	
786T Tubing	SEPAT Pencil Adaptor <sup>†</sup>	SERS2 Bovie® EZ Link Remote Activation Switch

\* Not Pictured  
<sup>†</sup> Sold Separately

# ★ Smoke Evacuation Accessories

	<b>SF35</b> long-life 35-hour filter for SE02 1/box		<b>786T</b> <sup>†</sup> 7/8" x 6' tube, non-sterile 24/box		<b>SERS2</b> <sup>†</sup> Bovie® EZ Link remote switch activator 1/box
	<b>SF18</b> <sup>†</sup> 18-hour filter for SE01 model 1/box		<b>786TS</b> <sup>†</sup> 7/8" x 6' tube, sterile 24/box		<b>SERF</b> <sup>†</sup> reducer fitting 7/8" to 1/4" x 24" 10/box [fits optional vaginal speculum]
 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>SETW</b> <sup>†</sup> 7/8" x 6' tube with wand & tip, non-sterile 24/box		<b>SERFS</b> <sup>†</sup> reducer fitting, sterile 10/box [fits optional vaginal speculum]
 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>SETWS</b> <sup>†</sup> 7/8" x 6' tube with wand & tip, sterile 24/box		<b>SELW</b> <sup>†</sup> laser-resistant wand 7/8" x 8", non-sterile 3/box
	<b>FSSEP</b> Pneumatic footswitch included with SE01 & SE02 1/box		<b>SEVL</b> <sup>†</sup> 7/8" x 6' tubing reduced to 3/8" for ValleyLab & IEC pencil, sterile 5/box		<b>SEAS</b> <sup>†</sup> arm stand 1/box

## SMOKE EVACUATION

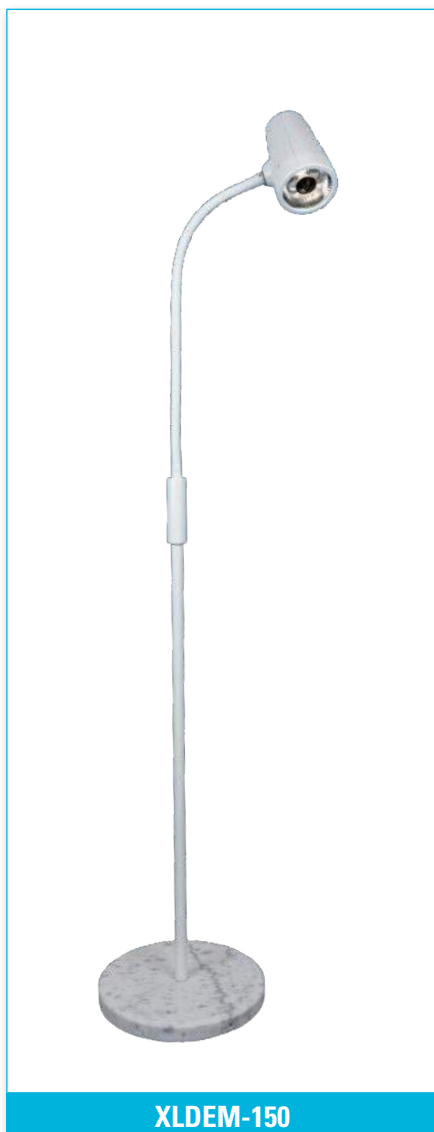
- AORN recommends the use of smoke evacuation systems during any medical procedure that produces surgical smoke.
- An estimated 500,000 healthcare professionals are exposed to surgical smoke proven to carry viruses, CO and other chemical and biological hazards<sup>1</sup>. The Bovie® Smoke Shark™ II minimizes exposure to toxic smoke plume during all forms of advance energy.
- The Extended-Life Filter (SF35) offers up to 35 hours performance.
- The Bovie® Smoke Smoke™ II is compatible with most electrosurgical generators. The unit can operate in conjunction with the optional Bovie® Remote Activation Switch (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)

<sup>†</sup>Sold Separately

## MI 300 AND MI 150

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 moved anywhere easily. Both exam lights provide brilliant, color accurate illuminating and clarity. All lighting equipment (excluding normal replacement parts) is backed by a three (3) year limited warranty.



### Dimensions:

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

### Data:

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

### MI-300 and MI-150

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)

## MI 550 LED EXAM & DIAGNOSTIC LIGHTING

The MI 550 light is part of the cutting-edge 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 (3) year limited warranty.



XLDE-SC



XLDE-WM



XLDE-FM

### Dimensions:

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

### Weight:

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

### Data:

Light Source	LED
LED Life in Hours	50,000 (average)
Temperature	4,300° Kelvin
Lux	55,000 Lux at 24" (60 cm)
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)

## MI 750 LED EXAM & PROCEDURE LIGHTING

The MI 750 LED Light provides physicians with an economical and energy efficient LED light for exam 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 (3) year limited warranty.



**XLDP-SC**



**XLDP-WM**



**XLDP-DC**



**XLDP-FM**

### Dimensions:

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

### Weight:

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

### Data:

Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,300° Kelvin
Lux	75,000 Lux at 39.4" (1 m)
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)

## MI 1000 LED SURGICAL LIGHTING

The MI 1000 LED light is the first in the cutting-edge 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, virtually eliminating 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. The output in this mode produces low level lighting for use during endoscopic surgery. To put the MI 1000 into the Endo Mode at any dimming level, press and hold the dimming button for 3 seconds. All lighting equipment (excluding normal replacement parts) is backed by a three (3) year limited warranty.



XLD-SC



XLD-WM



XLD-DC



MI 1000 LED Handle



XLD-FM

### Dimensions:

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

### Weight:

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

### Data:

Light Source	LED
LED Life in Hours	50,000 (average)
Color Temperature	4,300° Kelvin
Lux	100,000 Lux at 39.4" (1 m)
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 only.

## SYSTEM TWO LED SERIES

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. The output in this mode produces low level lighting for use during endoscopic surgery. To put the System Two LED into the Endo Mode at any dimming level, press and hold the dimming button for 3 seconds. All lighting equipment (excluding normal replacement parts) is backed by a three (3) year limited warranty.



**5-Stage Dimming and  
On/Off Switch Handle**



### Dimensions:

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

### 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)

### Weight:

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

### 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" (1 m)
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-S2	One 130K Lux Light (SD2)
XLDS-S22	Two 130K Lux Lights (SD2D2)
XLDS-S2VC*	One 130K Lux Light & One HD Video Camera (SD2P3)
XLDS-S23*	Three 130K Lux Lights (SD2D2D2)
XLDS-S23MA	Two 130K Lux Lights & One Monitor Arm (SD2D2M1)
XLDS-S23VC	Two 130K Lux Lights & One HD Video Camera (SD2D2P3)
XLDS-WCK	Wireless Wall Control Kit (1000775)

\*Not Pictured.



**Made in the USA. The SYSTEM TWO LED Series is only available for sale in the USA.**

## COLPO-MASTER™ COLPOSCOPES

Bovie® introduces the new Colpo-Master line, a perfect addition to the already popular line of gynecologic products. The line of colposcopes offers advanced, 3D, stereoscopic viewing with excellent clarity during gynecologic procedures where millimeters matter. The scopes are available with consistent and dependable zoom range including simple 3 point magnification (3.75x, 7.5x and 15x) or 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 treatment. All Colpo-Master Colposcopes are backed by a 7-year limited warranty. Pair it with the Bovie® 1250-G Electrosurgery System with Smoke Evacuation for a complete GYN LEEP 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. The swing-arm design allows easy access to the vaginal canal during surgical procedure.

Colpo-Master I features smooth, continuous zoom 4 – 27x magnification with 20x eyepieces and sharp focus for 3-D imaging. Available with Binocular or camera-ready Trinocular heads with 298 mm working distance. The field of view (FOV) ranges from 58.5 mm at 4x to 8.5 mm at 27x. All models 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. To make head positioning easy it comes with locking casters and stainless steel handlebars, standard.

Complete with dust cover, power cord, manual, tool kit and 7-Year Limited Warranty, 1 year on electrical system (excludes bulbs and fuses). Optional 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-103LED-E</b>	Colpo-Master I Binocular Zoom Suspension-Arm Colposcope, 220V
<b>CS-103T-LED</b>	Colpo-Master I Camera-Ready Zoom Swing-Arm Colposcope
<b>CS-103T-LED-E</b>	Colpo-Master I Camera-Ready Zoom Swing-Arm Colposcope, 220V
<b>CS-103T-DV</b>	Swing Arm Digital Video Package, includes CS-103T-LED and CS-8185 USB Digital Video Camera, 5.0MP
<b>CS-103T-HD</b>	Swing Arm HDMI Video Package, Includes CS-103T-LED and CS-8187 HD Camera & Accessories
<b>CS-103T-HDM</b>	Swing Arm HDMI Video Package, Includes CS-103T-LED and CS-8187 HD Camera and HD 1080p Monitor
<b>CS-105LED</b>	Same as CS-103LED above, with 5-legged base
<b>CS-105T-DV</b>	Swing Arm Digital Video Package, includes CS-105T-LED and CS-8185 USB Digital Video Camera, 5.0MP
<b>CS-105T-LED</b>	Same as CS-103T-LED above, with 5-legged base
<b>CS-105T-HD</b>	Swing Arm HDMI Video Package, Includes CS-105T-LED and CS-8187 HD Camera & Accessories
<b>CS-105T-HDM</b>	Swing Arm HDMI Video Package, Includes CS-105T-LED and CS-8187 HD Camera and HD 1080p Monitor
<b>CS-8187</b>	HD Camera, 1080p with HDMI Output & Accessories

## Colpo-Master II

Camera-Ready Trinocular Head with Camera Mount



## 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 3-D imaging.

### Features:

- **HEAD:** Full continuous zoom magnification range: 4 – 27x with 20x eyepieces. Binocular or video-ready Trinocular heads, with 298 mm working distance. The field of view (FOV) ranges from 58.5 mm at 4x to 8.5 mm at 27x.
- 3-D 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-maneuver 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, trinocular version with C-Mount Camera adaptor

Complete with dust cover, power cord, manual, tool kit and 7-Year Limited Warranty, 1 year on electrical system (excludes bulbs and fuses). Optional 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-205LED-E</b>	Colpo-Master II Binocular Zoom Center Post Colposcope, 220V
<b>CS-205T-LED</b>	Colpo-Master II Camera-Ready Zoom Center Post Colposcope
<b>CS-205T-LED-E</b>	Colpo-Master II Camera-Ready Zoom Center Post Colposcope, 220V
<b>CS-205T-DV</b>	Center Post Digital Video Package, includes CS-205T-LED and CS-8185 USB Digital Video Camera, 5.0MP
<b>CS-205T-HD</b>	Center Post HDMI Video Package, Includes CS-205T-LED and CS-8187 HD Camera & Accessories
<b>CS-205T-HDM</b>	Center Post HDMI Video Package, Includes CS-205T-LED and CS-8187 HD Camera and HD 1080p Monitor
<b>CS-8187</b>	HD Camera, 1080p with HDMI Output & Accessories

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



## COLPO-MASTER™ III TRIPLE MAGNIFICATION COLPOSCOPES

The Colpo-Master™ III is a center-post colposcope with base options including both wheeled and pedestal bases.

Simple and easy to use, featuring brilliant, sharp optics and three magnification settings: 3.75x, 7.5x and 15x. Changing magnification is a simple rotation of the knob, while staying in focus!

The state of the art LED illumination provides bright, white light that will not burn out, or burn too hot!

### Features:

- Three Magnification Settings: 3.75x, 7.5x and 15x
- Look straight through, no angled eyepieces
- Rheostat intensity controlled, bright LED illumination
- Paired 12.5x Widefield Eyepieces with eye-guards
- 3-D Stereoscopic Viewing
- Dual Diopter, independent eye focusing controls
- Flip-down green filter, built into the head
- 300 mm Working Distance
- Extra-Wide 115 mm Interpupillary Distance Adjustment
- Center-Post stand with rolling, locking casters, or pedestal base
- Light weight, easy to maneuver
- Broad Range Universal Power Supply 90-240V
- Net Weight 23lbs, Shipping Weight 32lbs

Complete with dust cover, power cord, manual, tool kit and 7 Year Limited Warranty, 1 year on electrical system (excludes bulbs and fuses).

Item No.	Description
<b>CS-305</b>	Colpo-Master III Binocular Triple Magnification Colposcope with 5-Wheel Base
<b>CS-305E</b>	Colpo-Master III Binocular Triple Magnification Colposcope, 220V with 5-Wheel Base

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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
<b>50001</b>	Olsen® Speculum, Graves Vaginal Speculum, 3 in (7.6 cm) X 3/4 in (2 cm) Blade, Insulated, w/Smoke Tube, 3 in, 76 mm, Reusable
<b>50101</b>	Olsen® Speculum, Graves Vaginal Speculum, 4 in (10.2 cm) X 1 3/8 in (3.5 cm) Blade, Insulated, w/Smoke Tube, 4 in, Reusable
<b>50201</b>	Olsen® Speculum, Graves Vaginal Speculum, 4 1/2 in (11.4 cm) X 1 1/2 in (3.8 cm) Blade, Insulated, w/Smoke Tube, 4 1/2 in, Reusable
<b>50301</b>	Olsen® Speculum, Open Sided Vaginal Speculum, 4 1/2 in (11.4 cm) X 1 3/8 in (3.5 cm) Blade, Insulated, w/Smoke Tube, 4 1/2 in, 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 that is designed to provide increased sensitivity at shallow depths. Models available in displayed, non-displayed and rechargeable options. Interchangeable probes 2 MHz, 3 MHz & waterproof. 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 (2-5 cm)
- Cost saving rechargeable models
- Sized to fit comfortably in your hand and pocket
- 5 year Warranty available on ALL Labor & ALL Parts



### ACUDOP DOPPLER SYSTEMS

#### Style #

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

\*Not Pictured

### 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

## BOVIE® FREEZPOINT™

Cryosurgery is a popular treatment for simple skin lesion that can be performed by physicians, in-office. The Bovie® Freezpoint device delivers an improved, low cost per procedure, cryosurgical option. The slim tip design aids in clear visualization of the lesion for precise delivery of -89° C, non-flammable, Nitrous Oxide therapy. The outcome is a very safe and clinically effective treatment with reduced tissue damage to surrounding healthy skin.



### Style #

**CRY8** – 8 gram device

**CRY16** – 16 gram device

**CRY16-2\*** – 16 gram device (2 pack)

\*not pictured

**Gas:** Nitrous Oxide (N<sub>2</sub>O)

**Temperature:** -89° C (-128° F)

**Shelf Life:** Two years and up to six months after activation

## BOVIE® ICEOUT™ PORTABLE CRYOSURGICAL SYSTEM

Patient friendly, convenient to use and provides efficient and safe patient outcomes. Let IceOut help you expand your practice offerings.



### Features

- Results comparable to liquid nitrogen<sup>1</sup>
- Convenient and easy to use
- Effective cure rate
- Minimal treatment time for patients, 40 seconds or less
- Designed with the lowest (GWP) Global Warming Impact
- Reusable can with disposable applicators
- Estimated 50+ treatments per box system
- Low cost treatment with profitable reimbursement rates
- No Hazmat Fee

### Style #

**CRY2** – IceOut Portable Cryosurgical System, (2) 80 ml aerosol dispensers and (60) 2 mm applicators

**CRY5** – IceOut Portable Cryosurgical System, (2) 80 ml aerosol dispensers and (50) 5 mm applicators

**CRY25** – IceOut Portable Cryosurgical System, (2) 80 ml aerosol dispensers and (60) 2 mm & 5 mm applicators


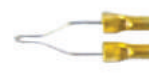


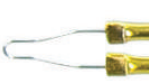

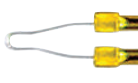





**Gas:** Dimethyl ether (DME) with propane / isobutane

**Temperature:** -55°C (-67°F)

**Shelf Life:** Three years – Refer to outer box for date





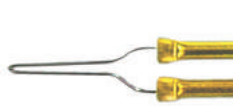

HIGH-TEMPERATURE CAUTERIES

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.

HIGH-TEMPERATURE CAUTERIES					
 <div>Recessed Button</div> <div>Easy “Snap” Design</div> <div>■ Recessed Button Cauteries</div>		<b>AA01</b> high-temp fine tip, 4-yr. shelf life - 10/box		<b>AA17</b> high-temp fine tip extended 2" shaft, 4-yr. shelf life - 10/box	 <div>Adjust-A-Temp™ Cauteries</div>
		<b>AA03</b> high-temp loop tip, 4-yr. shelf life - 10/box		<b>AA21</b> high-temp elongated tip, 4-yr. shelf life - 10/box	
		<b>AA05</b> high-temp loop tip extended 2" shaft, 4-yr. shelf life - 10/box		<b>AA25</b> high-temp fine tip micro, 4-yr. shelf life - 10/box	
		<b>AA09</b> high-temp loop tip extended 5" shaft, 4-yr. shelf life - 10/box		<b>AA27</b> high-temp loop tip micro, 4-yr. shelf life - 10/box	
		<b>AA11</b> high-temp adjustable fine tip, 4-yr. shelf life - 10/box		<b>AA29</b> high-temp elongated tip micro, 4-yr. shelf life - 10/box	







## LOW-TEMPERATURE CAUTERIES

Bovie® has been the number one manufacturing the 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.

LOW-TEMPERATURE CAUTERIES			
 <p>← Recessed Button</p> <p>← Easy “Snap” Design</p> <p>■ Recessed Button Cauteries</p>	■	 <p><b>AA00</b> low-temp fine tip, 4-yr. shelf life - 10/box</p>	 <p>■ Adjust-A-Temp™ Cauteries</p>
	■	 <p><b>AA02</b> low-temp adjustable fine tip, 4-yr. shelf life - 10/box</p>	
	■	 <p><b>AA04</b> low-temp elongated fine tip, 4-yr. shelf life - 10/box</p>	
	■	 <p><b>AA90</b> low-temp micro fine tip, 4-yr. shelf life - 10/box</p>	

CHANGE-A-TIP™ CAUTERIES

These replaceable battery & replaceable tip cauteries are the next advancement in battery operated cauteries where reusability is a must. These products are excellent 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.













CHANGE-A-TIP CAUTERIES					
<p><b>DELO</b> Change-A-Tip deluxe <b>low-temp</b> 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</p>		 <p>■ Recessed Button Cautery</p>		 <p>■ Recessed Button Cautery</p>	
<p><b>DEL1</b> Change-A-Tip deluxe <b>high-temp</b> 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</p>		 <p>■ Recessed Button Cautery</p>		 <p>■ Recessed Button Cautery</p>	
<p><b>DEL2</b> Change-A-Tip deluxe HI-LO cautery kit (includes <b>one low-temp</b> handle, <b>one high-temp</b> 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</p>		 <p>■ Recessed Button Cauteries</p>		 <p>■ Recessed Button Cautery</p>	
		<p><b>HIT0</b> Change-A-Tip low-temp handle (includes one H100 non-sterile tip and one “AA” alkaline battery) - 1/box</p>		<p><b>HIT1</b> Change-A-Tip high-temp handle (includes one H101 non-sterile tip and two “AA” alkaline batteries) - 1/box</p>	

## 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>H110</b> contra angle fine tip - 10/box		<b>H105</b> high-temp 2" (50.8 mm) flex loop tip - 10/box
	<b>H101</b> high-temp fine tip - 10/box		<b>H111</b> high-temp circular tip - 10/box		<b>H106</b> high-temp 2" (50.8 mm) flex fine tip - 10/box
	<b>H103</b> high-temp loop tip - 10/box		<b>H121</b> high-temp elongated tip - 10/box		<b>H109</b> high-temp 5" (127.0 mm) loop tip - 10/box
	<b>H104</b> low-temp elongated fine tip - 10/box		<b>H101-ADH</b> fine tip w/sheath seal - 10/box		<b>H112</b> high-temp 5" (127.0 mm) fine tip - 10/box



Change-A-Tip sold separately







### HISL

Sterile sheath for replaceable cauteries  
- 10/box

FLEXIBLE LIGHTS AND STYLETS

Bovie® manufactures two groups of flexible lighting products. The first is available in three different sizes: 5" (127.0 mm), 10" (254.0 mm), and 15" (381.0 mm) (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.

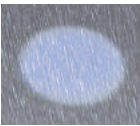
FLEXIBLE LIGHTS	
	
NS10 Surch-Lite™ 10" (254.0 mm) non-sterile - 1 ea	
	
ST05 Surch-Lite 5" (127.0 mm) sterile - 10/box	
	
ST10 Surch-Lite 10" (254.0 mm) sterile - 3/box	
	
ST15 Surch-Lite 15" (381.0 mm) sterile - 3/box	

LIGHTED STYLETS	
	
NLOT orotracheal stylet, non-sterile - 1/box	
	
SLOT orotracheal stylet, sterile - 1/box	

Specialty Lights

# 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, 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 w/pupil gauge - 6/pack



**1125**  
doctor's disposable  
penlight - 1/box



**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 condition that may affect the epidermis of the patient. The hand-held magnifier has 6x magnification, LED illumination, with a dual scale (Eng./Metric) measuring reticle as well as an independent diopter to allow the user to focus at differing focal points.



**Storage Case**

**LED Illumination**

### Catalog #

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

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


### Features

- Magnification with 40 mm top lens
- Diopter focus control for sharp focusing
- 40 mm field of view (flat field)
- 31 mm working distance
- LED illuminated with an array of 9 LED's
- More than 150 hours of battery power
- Reticule with dual measuring scales: millimeters and inches
- 20 mm: 10 left of center/10 right of center
- Measure in 0.1 mm increments
- Measure in 0.05 in. 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



0010

Bovie® Burr 2 (includes one disposable 1 mm 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


EYE BUBBLE



0002


eye bubble - 10/box

OPHTHALMIC BURR TIPS




0011

diamond burr 2.5 mm for use in conjunction with the 0010 or equivalent - 1/box




0012

diamond burr 5 mm for use in conjunction with the 0010 or equivalent - 1/box




0001

1 mm burr tip for use with the 0010 or equivalent for corneal rust ring removal, sterile - 10/box



AB01

1 mm burr tip for use with AB03, AB04 or equivalent, sterile - 10/box



AB05

0.5 mm burr tip for use with AB03, AB04 or equivalent, sterile - 10/box

## NERVE LOCATORS

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

NEURO-PULSE



0003

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

# NOTES

[illegible]

# NOTES

[illegible]



**Symmetry Surgical**

Antioch, TN 37013

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