Bovie Medical Corporation’s electrosurgery business is now a part of Symmetry Surgical. PRODUCT CATALOG.
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.”

Over seventy-five years later, we continue to improve the work of Dr. Bovie. The following pages represent our product line, including four Bovie electrosurgical generators and three high frequency desiccators. The work continues today, but our sincere thanks go out to Dr. Cushing and William T. Bovie for their incredible invention.

Bovie Medical Corporation is a public company on the NYSE Amex Market and can be found under the symbol BVX.
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The Bovie 3350-V, OR | PRO 300 Electrosurgical Generator

Catalog # A3350-V

**Standard Equipment**
1. Bovie 3350-V Electrosurgical Generator
2. ESPR2 sterile reusable pencil
3. A1204P reusable stainless steel grounding plate
4. A1254C reusable grounding cord
5. 120 VAC, 240 VAC hospital grade power cord
6. MC-55-230-001 user’s guide

**Dimensions**
- Height: 16.5cm (6.5 in.)
- Width: 37.5cm (14.75 in.)
- Depth: 46cm (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: 80 watts
- Micro Bipolar: 80 watts
- Standard Bipolar: 50 watts
- Bovie Bipolar: 225 watts
- Auto Bipolar: 80 watts

**Output Frequency**
490 kHz ± 5 kHz

**Line Voltage**
- 100 – 240V ± 10%

**Warranty:** FOUR YEARS

Target Specialties
- Equine, large animal practices, exotic and zoo medicine

---

**Bovie 2350-V, Surgi-Center | PRO Electrosurgical Generator**

Catalog # A2350-V

**Standard Equipment**
1. Bovie 2350-V Electrosurgical Generator
2. ESPR2 sterile reusable pencil
3. A1204P reusable stainless steel grounding plate
4. A1254C reusable grounding cord
5. 120 VAC, 240 VAC hospital grade power cord
6. MC-55-232-001 user’s guide

**Dimensions**
- Height: 16.5cm (6.5 in.)
- Width: 37.5cm (14.75 in.)
- Depth: 46cm (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
- Bovie Bipolar: 225 watts
- Auto Bipolar: 80 watts

**Output Frequency**
490 kHz ± 5 kHz

**Line Voltage**
- 100 – 240V ± 10%

**Line Frequency**
- 50 – 60 Hz

**Warranty:** FOUR YEARS

Target Specialties
- Surgery centers, clinic, large animal, companion animal, exotic practices and teaching centers
The Bovie 1250S-V, Specialist | PRO is the affordable solution for the busy veterinarian office or specialty facility. An improvement to the number one selling unit, the Aaron 1250-V, the Bovie 1250S-V has been enhanced with a modern push-button design and industry-standard bipolar connections. The Bovie 1250S-V allows the user to move seamlessly from cut to coag modes directly on the autoclavable ESPR2 handpiece packaged with the unit. This feature saves the veterinarian time when performing electrosurgical procedures. Capable of most monopolar and bipolar surgical procedures and packed with dependable safety features, the Bovie 1250S-V, Specialist | PRO satisfies the veterinarian’s demands with safety, reliability and convenience.

Catalog # A1250S-V

Dimensions
Height: 15.2cm (6 in.)
Width: 26cm (10.25 in.)
Depth: 30.5cm (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
A1250S-V: 100-240 VAC

Line Frequency
50 – 60 Hz

Warranty:
FOUR YEARS

Target Specialties
General Practice
Surgery Centers
Companion Animal
Spay & Neuter Clinics

▼ EQUIPMENT INCLUDED

- ESPR2
- A1250P metal plate
- A1254C grounding cord
- 5 non-sterile reusable electrodes (2 ES01R blades, 2 A833R needles, 1 ES20R ball)
- 1 power cord
- 1 user’s guide*

* Not Pictured

RECOMMENDED ACCESSORIES

- Bovie EZ Link Remote Activation Switch (SERS2)

Catalog # A1250S-VS

Standard Equipment
- Bovie 1250S-V Electrosurgical Generator
- 1 power cord
- 1 ESPR2 sterile reusable pencil
- 5 non-sterile reusable electrodes (2 ES01R blades, 2 A833R needles, 1 ES20R ball)
- 1 A1250P metal plate
- 1 A1254C grounding cord
- 1 user’s guide*
- Smoke Shark™ system
  - SE02 Smoke Shark with pneumatic footswitch
  - SF35 35-hour filter
  - 786T 3/8” (22.225mm) tube & 182.8cm rubber tubing
  - SERF reducer fitting
  - SE052 electrosurgical mobile stand

Target Specialties
General Practice
Surgery Centers
Companion Animal
Spay & Neuter Clinics

▼ EQUIPMENT INCLUDED

- ESPR2
- A1250P metal plate
- A1254C grounding cord
- 5 non-sterile reusable electrodes (2 ES01R blades, 2 A833R needles, 1 ES20R ball)
- 1 power cord
- 1 user’s guide*

* Not Pictured

RECOMMENDED ACCESSORIES

- Bovie EZ Link Remote Activation Switch (SERS2)

Catalog # A1250S-VS TOTAL SYSTEM SOLUTION

The Bovie 1250S-VS combines the Specialist | PRO package with a smoke evacuation system and the latest mobile stand technology to produce a compact, mobile system for the office or specialty facility.
**BOVIE® 952-V HIGH FREQUENCY ELECTROSURGICAL GENERATOR/DESICCATOR**

The Bovie 952-V is the first High Frequency Desiccator with Cut and known as the TWO-in-ONE unit. One side of the unit allows veterinarians to perform simple desiccation procedures without a grounding pad, while the other side provides 50 watts of Cut for increased surgical capabilities. The Bovie 952-V provides flexibility and versatility to most veterinarian practices. The Bovie 952-V has push-button modality options controlled on the face of the unit. The autoclavable A902 pencil allows the user to control the up and down power.

- **Catalog # A952-V**
- **Dimensions**
  - Height: 188mm (7.40 in.)
  - Width: 328mm (13.4 in.)
  - Depth: 105mm (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
- **Line Voltage**
  - A952-V: 100 – 240 VAC
- **Output Frequency**
  - 304 – 451kHz
- **Warranty**: FOUR YEARS

**▼ Standard Equipment**
- 1 Bovie 952-V Unit
- 1 power cord
- 1 A902 handpiece
- 10 A910 non-sterile disposable handpiece sheaths
- 1 A837 wall mount kit
- 5 non-sterile reusable electrodes (2 ES01R blades, 2 A833 needles, 1 ES20R ball)
- 1 A1204P metal plate
- 1 A1204C grounding cord
- 1 user's guide*

* Not Pictured

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**BOVIE® 942-V HIGH FREQUENCY DESICCATOR**

The Bovie 942-V, forty watt High Frequency Desiccator for cautery procedures, allows veterinarians to change power in ONE STEP, using the rotary dial feature directly on the unit or using the convenient up/down buttons on the autoclavable handpiece. If footswitch activation is needed, simply plug in the footswitch and activate. No additional handpiece is required. The Bovie 943 V adjusts in 1/100th watt increments in the first 10 watts for the most accurate energy delivery in both monopolar and bipolar low watt procedures.

- **Catalog # A942-V**
- **Dimensions**
  - Height: 188mm (7.40 in.)
  - Width: 328mm (13.4 in.)
  - Depth: 105mm (4.13 in.)
  - Weight: < 2.26 kg (< 5 lbs.)
- **Output Power**
  - Ti 40 watts (0-10 watts in 1/10th watt increments in both monopolar and bipolar)
- **Line Voltage**
  - Universal Power Supply
  - 100 to 240 VAC
- **Output Frequency**: 328 – 492kHz
- **Warranty**: FOUR YEARS

**▼ Standard Equipment**
- 1 Bovie 942-V Unit
- 1 A902 handpiece
- 1 A830 Reusable Angled Sharp Electrode
- 1 A831 Reusable Ball Electrode
- 1 A833 Reusable Needle Electrode
- 1 A837 wall mount kit
- 1 110 VAC Hospital-grade power cord*
  - 1 220 VAC Hospital-grade power cord*
- 1 A952-V User’s guide*

* Not Pictured

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**▼ EQUIPMENT INCLUDED**

- A902 Handpiece
- A830, A831, A833
- A837
**ELECTROSURGERY PENCILS**

Most Bovie® electrosurgery pencils utilize a 3-pin industry-standard connection and are compatible with most electrosurgical generators. 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 is special 1/16th” electrodes and is validated for up to 25 autoclave cycles. The disposable pencils feature standard push-button, rocker switch or foot-control (1-pin connector) activation. The pencil comes in a variety of kit configurations which include holsters, scratch pads, stainless steel electrodes or Resistick™ II Coated Electrodes. All disposable pencils are packaged individually, sterile.

**REUSABLE PENCILS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Validation</th>
<th>Connection</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESPR2*</td>
<td>Autoclavable reusable pencil, validated to one hundred (100) autoclave cycles, non-sterile - 1/box (electrode not included)</td>
<td>100 cycles</td>
<td>3-prong</td>
<td>—</td>
</tr>
<tr>
<td>ESPR-EL*</td>
<td>Autoclavable reusable pencil, validated to twenty-five (25) autoclave cycles, 1/16” collet, non-sterile - 1/box (electrode not included)</td>
<td>25 cycles</td>
<td>3-prong</td>
<td>—</td>
</tr>
</tbody>
</table>

**DISPOSABLE PENCILS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Connection</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESP1</td>
<td>Disposable pencil, blade - 50/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1H</td>
<td>Disposable pencil, blade, holster - 40/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1HS</td>
<td>Disposable pencil, blade, holster, scratch pad - 40/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1N</td>
<td>Disposable pencil, needle - 50/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1HN</td>
<td>Disposable pencil, needle, holster - 40/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
</tbody>
</table>

**RADISTICK™ II PENCIL CONFIGURATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Connection</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESP1T</td>
<td>Disposable pencil, ES01T coated blade - 50/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1TN</td>
<td>Disposable pencil, ES02T coated needle - 50/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
<tr>
<td>ESP1TH</td>
<td>Disposable pencil, ESPH holster, ES01T coated blade - 40/box</td>
<td>1-pin</td>
<td>—</td>
</tr>
</tbody>
</table>

**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.

**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. This single use devices are individually packaged sterile, ten per box.

**HANDSWITCH SUCTION COAGULATORS**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>French Size</th>
<th>Cable Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCH08</td>
<td>Disposable</td>
<td>08 Fr</td>
<td>3m</td>
</tr>
<tr>
<td>SCH10</td>
<td>Disposable</td>
<td>10 Fr</td>
<td>3m</td>
</tr>
<tr>
<td>SCH12</td>
<td>Disposable</td>
<td>12 Fr</td>
<td>3m</td>
</tr>
</tbody>
</table>

**FOOTSWITCH SUCTION COAGULATORS**

<table>
<thead>
<tr>
<th>Catalog Number</th>
<th>Description</th>
<th>French Size</th>
<th>Cable Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCF08</td>
<td>Disposable</td>
<td>08 Fr</td>
<td>3m</td>
</tr>
<tr>
<td>SCF10</td>
<td>Disposable</td>
<td>10 Fr</td>
<td>3m</td>
</tr>
<tr>
<td>SCF12</td>
<td>Disposable</td>
<td>12 Fr</td>
<td>3m</td>
</tr>
</tbody>
</table>
**SPECIALTY ELECTRODES**

Bevo® manufactures an expansive line of specialty electrodes for a variety of applications including; SuperCut™ Needle Electrodes for precise and delicate procedures, Dermal Loop Electrodes for dermatologic procedures, as well as Arthroscopic electrodes.

**REUSABLE ELECTRODES**

Reusable electrodes add value and control cost in veterinary practices by allowing users to perform multiple electrosurgery procedures with one reusable tip. 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. Black electrodes are validated for 5 – 25 autoclave cycles, refer to the instructions for use for proper reuse.

**Disposable supercut tungsten needles**

Disposable supercut tungsten needles are heat shrinkable, sterile - 5/box

**Disposable short tungsten .015” wire loops**

Disposable short tungsten .015” wire loops are 3/4” (19.05mm) short shaft loop, sterile - 5/box; 1/2” (12.7mm) short shaft loop, sterile - 5/box; 3/8” (9.53mm) short shaft loop, sterile - 5/box; 5/16” (7.94mm) short shaft loop, sterile - 5/box; 1/4” (6.35mm) short shaft loop, sterile - 5/box

**Disposable Short Tungsten .008” Wire Loops**

Disposable Short Tungsten .008” Wire Loops are 3/4” (19.05mm) short shaft loop, non-sterile - 1/box; 1/2” (12.7mm) short shaft loop, non-sterile - 1/box; 3/8” (9.53mm) short shaft loop, non-sterile - 1/box; 5/16” (7.94mm) short shaft loop, non-sterile - 1/box; 1/4” (6.35mm) short shaft loop, non-sterile - 1/box

**Disposable Arthroscopic Electrodes**

Disposable Arthroscopic Electrodes are 3/4” (19.05mm) short shaft loop, non-sterile - 1/box; 3/8” (9.53mm) short shaft loop, non-sterile - 1/box

**Disposable SuperCut Tungsten Needles**

Disposable SuperCut Tungsten Needles are 3/4” (19.05mm) long shaft loop, non-sterile - 1/box; 1/2” (12.7mm) long shaft loop, non-sterile - 1/box; 5/16” (7.94mm) long shaft loop, non-sterile - 1/box; 1/4” (6.35mm) long shaft loop, non-sterile - 1/box

**Disposable SuperCut Tungsten Needles**

Disposable SuperCut Tungsten Needles are 3/4” (19.05mm) long shaft loop, sterile - 5/box; 1/2” (12.7mm) long shaft loop, sterile - 5/box; 5/16” (7.94mm) long shaft loop, sterile - 5/box; 1/4” (6.35mm) long shaft loop, sterile - 5/box

**Disposable Dermal Loop Electrodes**

Disposable Dermal Loop Electrodes are 3/4” (19.05mm) short shaft loop, non-sterile - 1/box; 1/2” (12.7mm) short shaft loop, non-sterile - 1/box; 3/8” (9.53mm) short shaft loop, non-sterile - 1/box; 5/16” (7.94mm) short shaft loop, non-sterile - 1/box; 1/4” (6.35mm) short shaft loop, non-sterile - 1/box

**Disposable Dermal Loop Electrodes**

Disposable Dermal Loop Electrodes are 3/4” (19.05mm) short shaft loop, sterile - 5/box; 1/2” (12.7mm) short shaft loop, sterile - 5/box; 3/8” (9.53mm) short shaft loop, sterile - 5/box; 5/16” (7.94mm) short shaft loop, sterile - 5/box; 1/4” (6.35mm) short shaft loop, sterile - 5/box

**Disposable Dermal Loop Electrodes**

Disposable Dermal Loop Electrodes are 3/4” (19.05mm) short shaft loop, sterile - 5/box; 1/2” (12.7mm) short shaft loop, sterile - 5/box; 3/8” (9.53mm) short shaft loop, sterile - 5/box; 5/16” (7.94mm) short shaft loop, sterile - 5/box; 1/4” (6.35mm) short shaft loop, sterile - 5/box
DISPOSABLE ELECTRODES

All disposable 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. Disposable electrodes are manufactured to the highest standards. They come individually packaged sterile.

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.

* non-sterile and not packaged individually.
**LAPAROSCOPIC ELECTRODES**

Bovie® laparoscopic electrodes are used in minimally invasive procedures performed in outpatient facilities, surgery centers and operating rooms. These electrodes are 30cm long, with a 3/32” shaft, for insertion into standard electrosurgery pencils. Each electrode is also packaged with an optional 4mm shaft adapter for connection into 4mm active cables. The laparoscopic electrode tip styles come in a variety of popular configurations with standard stainless steel finish.

**REUSABLE BIPOLAR FORCEPS**

Reusable Bipolar Forceps are available in micro [5mm], 1.0mm, and 2.0 mm tip size and in lengths ranging from 3.5” to 8”. The forceps are guaranteed for twenty autoclave cycles. Refer to the Instructions For Use in the package for proper reuse. Reusable bipolar cord, with quality silicone construction are available for all Bovie® generators.

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LJ07
LJ01
LL05
LB02
LS05
LJ07
LJ01
LL05
LB02
LS05

LJ07
LJ01
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LB02
LS05

LJ07
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LS05

LJ07
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LB02
LS05

LJ07
LJ01
LL05
LB02
LS05

4mm Adapter

LJ07
LJ01
LL05
LB02
LS05

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A820
A821
A822
A823
A824

A825
A826
A827
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A873
A874

Bipolar forceps require an electrosurgery footswitch for activation. See footswitch page for options.
STANDS, FOOTSWITCHES & WALL MOUNT KIT

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

**STANDS AND WALL MOUNT**

- **A812-C** mobile stand for A952-V & A942-V (includes bottom tray, top tray, clamp, and 12” (304.8 mm) height extension) 47” (1193.8 mm) high
- **CSM22** mobile stand for A952-V 18” (457.2 mm) wide x 18” (457.2 mm) deep x 32” (813.0 mm) high
- **BV-MT/CS** mobile stand for A3350-V, A2350-V, & A1250S-V 18” wide x 23” deep x 35” high
- **A808-T** bottom tray for A812 13” (330.2 mm) long x 11.75” (298.5 mm) deep
- **A813** table-top stainless steel stand for A952-V & A942-V
- **A837** wall mount kit for A952-V & A942-V
- **A812-E** 12” (304.8 mm) height extension for A812

**FOOTSWITCHES**

- **A803** A952-V & A942-V
- **BV-1253B** A3350-V, A2350-V, & A1250S-V footswitch
- **BV-1254B** A3350-V & A2350-V bipolar footswitch

**RETURN ELECTRODE, ACTIVE CABLE, CORD AND ADAPTER**

Return electrodes are available for a safe return of electrosurgical energy from the patient body. Bovie® disposable, single-use return electrodes are manufactured with a super adhesive hydrogel for secure patient application. Also available are reusable grounding plates used mostly in Animal Health procedures and reusable return electrode cables for connection of reusable and disposable pads to the ESU. In addition, Bovie provides active cables and adapter for the connection of a variety of compatible electrosurgery accessories.

**DISPOSABLE RETURN ELECTRODE PADS**

- **A1202 or ESRS** solid return electrode for A952-V, A942-V
- **ESRS - 50/box**
- **ESRSC** solid adult return electrode w/2.8 m cable - 50/box
- **ESRE** split adult return electrode - 50/box

**PENCIL ADAPTERS**

- **A905B** pencil adapter for 1/32” (0.8mm) electrode — fits most ESU pencils
- **A905B-1** pencil adapter for 1/20” (1.25mm) electrode — fits most ESU pencils

**FOOT-CONTROL ADAPTER**

- **A1205A** adapter for connecting footswitch pencil for the A942-V and A952-V
- **A1255A** adapter plug for connecting footswitching pencil for the A3350-V, A2350-V, A1250S-V, and most ESUs

**REUSABLE RETURN ELECTRODE PLATES AND CORDS**

- **A802EU** metal return electrode plate for A942-V
- **A1204P** replacement metal return electrode plate for use with A1204C and A1254C - 1/pouch
- **A1254C** return electrode cord for A3350-V, A2350-V, A1250S-V, & A952-V - 1/pouch
- **A1252C** return electrode cord for ESRE and ESRS to A3350-V, A2350-V, A1250S-V, & A952-V - 1/pouch

**NEW UPDATE PHOTO**
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. While designed for use with all electrosurgical generators, the unit is also excellent for use in controlling laser and other smoke producing procedures.

Catalog # SE02

**Standard Equipment**
- 1 SE02 unit
- 1 SF35 Long Life 35-hour Filter
- FSSEP pneumatic footswitch
- 1 power cord
- 1 MC-23088 user’s guide

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

**Line Frequency**
- 50 – 60 Hz

**Warranty**
- Two years

**Line Voltage**
- SE02: 120 VAC

**Extended-Life Filter (SF35)**
- Offers up to 35 hours performance reducing procedure cost by over 30% when used at the lowest setting.

**Bovie Smoke Evacuator**
- The Smoke Evacuator 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.

**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

**Lasers**
- SE02 Smoke Shark unit with pneumatic footswitch (FSSEP)
- SF35 long-life 35-hour filter
- 786T† 7⁄8” x 6’2” x 182.9cm tube case of 24
- SEAS† arm stand

**Recommended Accessories**

- SEPAT Smoke Evacuation Pencil Adapter and Tubing - 3/8” x 4’ Hose with 7/8” to 6’ Tube 10 per case
- SF35 Pneumatic footswitch included with SE01 & SE02 1/box
- 786T† 7⁄8” x 6’ tube, sterile 24-box
- SEAS† arm stand 1/box

**Smoke Evacuation Accessories**

- An estimated 500,000 healthcare professionals are exposed to surgical smoke proven to carry viruses, CO and other chemical and biological hazards.¹ The Smoke Shark II minimizes exposure to toxic smoke plume during electrosurgery, laser and Harmonic® scalpel procedures.

- *Pencil Sold Separately

**SMOKE EVACUATION**


**SMOKE SHARK™ II Smoke Evacuator**

**Smoke Evacuator Accessories**

| SF18 | 18-hour filter for SE01 model 1/box |
| SF35 | long-life 35-hour filter for SE02 1/box |
| SF19 | 19-hour filter for SE01 model 1/box |
| SF67T | 7⁄8” x 6’ tube, sterile 24-box |

**Pencil Sold Separately**

- FSSEP Pneumatic footswitch included with SE01 & SE02 1/box
- 786T† 7⁄8” x 6’ tube, sterile 24-box
- SETW† 7⁄8” x 6’ tube with wand & tip, non-sterile 24-box
- SEATWS† 7⁄8” x 6’ tube with wand & tip, sterile 24-box
- SELW† laser-resistant wand 7⁄8” x 8”, non-sterile 1/box
- SEAS† arm stand 1/box

| SF35 | long-life 35-hour filter for SE02 1/box |
| SF67T | 7⁄8” x 6’ tube, sterile 24-box |
| SF19 | 19-hour filter for SE01 model 1/box |
| SF18 | 18-hour filter for SE01 model 1/box |

**Pencil Sold Separately**

- FSSEP Pneumatic footswitch included with SE01 & SE02 1/box
- 786T† 7⁄8” x 6’ tube, sterile 24-box
- SETW† 7⁄8” x 6’ tube with wand & tip, non-sterile 24-box
- SEATWS† 7⁄8” x 6’ tube with wand & tip, sterile 24-box
- SELW† laser-resistant wand 7⁄8” x 8”, non-sterile 1/box
- SEAS† arm stand 1/box
Cryosurgery is a popular treatment for simple skin lesions that can be performed by veterinarians, in-office without anesthesia. The Bovie Freezpoint is a safer, easier, and colder device, that delivers an improved, low cost per procedure, cryosurgical option. The Freezpoint device is up to 62% colder than common multi-use disposable systems. 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.

BOVIE FREETPOINT™

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

<table>
<thead>
<tr>
<th>Style #</th>
<th>Name</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>CRY8</td>
<td>8 gram device</td>
<td>Gas: Nitrous Oxide (N₂O)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Temperature: -89°C (-128°F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shelf Life: Two years and up to six months after activation</td>
</tr>
</tbody>
</table>

Features
- Results comparable to liquid nitrogen
- Convenient and easy to use
- Effective cure rates
- 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

NEW

DERMACOUNT™ II

The DermaScout 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 epidermis of the patient. The hand held magnifier has fine 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.

Catalog #
- BVDS-6-62 – 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
- Over 150 hours of battery power
- Reticle 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)

Style #
- CRY2 – IceOut Portable Cryosurgical System, (2) 80ml aerosol dispensers and (80) 2mm applicators
- CRY5 – IceOut Portable Cryosurgical System, (2) 80ml aerosol dispensers and (50) 5mm applicators
- CRY25 – IceOut Portable Cryosurgical System, (2) 80ml aerosol dispensers and (60) 2mm & 5mm applicators

Gas: Dimethyl ether (DME) with propane / isobutane
Temperature: -55ºC (-67ºF)
Shelf Life: Three years – Refer to outer box for date
HIGH-TEMPERATURE CAUTERIES

Bovie® Animal Health has been the number one manufacturing the battery operated cauteries for decades. The new, 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. 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.

LOW-TEMPERATURE CAUTERIES

Bovie® Animal Health has been the number one manufacturing the battery operated cauteries for decades. The new, 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.
CHANGE-A-TIP™ CAUTERIES

These replaceable battery & replaceable tip cauteries are the next advance 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 DEL0, 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.

DEL0
Change-A-Tip include low-temp cautery kit (includes one low temperature handle, two H104 non-sterile tips, one "AA" battery and a foam-lined case) - 1/box

DEL1
Change-A-Tip 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 include 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, one "AA" alkaline batteries and a foam-lined case) - 1/box

HIT0
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

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.

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H100</td>
<td>Low-temp fine tip - 10/box</td>
</tr>
<tr>
<td>H101</td>
<td>High-temp fine tip - 10/box</td>
</tr>
<tr>
<td>H102</td>
<td>Centre angle fine tip - 10/box</td>
</tr>
<tr>
<td>H103</td>
<td>High-temp loop tip - 10/box</td>
</tr>
<tr>
<td>H104</td>
<td>Low-temp elongated fine tip - 10/box</td>
</tr>
<tr>
<td>H105</td>
<td>High-temp fine tip - 10/box</td>
</tr>
<tr>
<td>H106</td>
<td>High-temp 2&quot; (50.8mm) flex tip - 10/box</td>
</tr>
<tr>
<td>H107</td>
<td>High-temp high-temperature handle - 1/box</td>
</tr>
<tr>
<td>H108</td>
<td>High-temp high-temperature handle - 1/box</td>
</tr>
<tr>
<td>H109</td>
<td>High-temp 5&quot; (127.0mm) loop tip - 10/box</td>
</tr>
<tr>
<td>H110</td>
<td>High-temp elongated fine tip - 10/box</td>
</tr>
<tr>
<td>H111</td>
<td>High-temp circular tip - 10/box</td>
</tr>
<tr>
<td>H112</td>
<td>High-temp 5&quot; (127.0mm) fine tip - 10/box</td>
</tr>
<tr>
<td>H113</td>
<td>High-temp elon-gated tip - 10/box</td>
</tr>
<tr>
<td>H115</td>
<td>High-temp 5&quot; (127.0mm) loop tip - 10/box</td>
</tr>
<tr>
<td>H116</td>
<td>High-temp 5&quot; (127.0mm) fine tip - 10/box</td>
</tr>
<tr>
<td>PRINT</td>
<td>Sterile sheets for replaceable cauteries - 10/box</td>
</tr>
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</table>
Specialty lights are used in conjunction with fluorescein dye to find foreign matter in the eye.

**WOODS LIGHT**

- cobalt penlight - 3/pack (6303)
- doctor's disposable penlight - 6/pack (6666)
- penlight w/pupil gauge - 6/pack (66RN)
- doctor's disposable penlight - 1/box (1125)
- cobalt filter only - 1/pack (7156)
- Fluoro-Dot™ - 1/box (6802)
- Hand-held woods light, excellent for detecting certain skin disorders and rape detection procedures - 1/box (UV59)

**FLEXIBLE LIGHTS AND STYLETS**

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

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>NS10</td>
<td>Surch-Lite® 10&quot; (254.0mm) non-sterile</td>
<td>1 ea</td>
</tr>
<tr>
<td>NS15</td>
<td>Surch-Lite® 15&quot; (381.0mm) sterile</td>
<td>3/box</td>
</tr>
<tr>
<td>ST05</td>
<td>Surch-Lite® 5&quot; (127.0mm) non-sterile</td>
<td>10/box</td>
</tr>
<tr>
<td>ST10</td>
<td>Surch-Lite® 10&quot; (254.0mm) sterile</td>
<td>3/box</td>
</tr>
<tr>
<td>ST15</td>
<td>Surch-Lite® 15&quot; (381.0mm) sterile</td>
<td>3/box</td>
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**LIGHTED STYLETS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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<tbody>
<tr>
<td>NLT</td>
<td>orotracheal stylet, non-sterile</td>
<td>1/box</td>
</tr>
<tr>
<td>SLT</td>
<td>orotracheal stylet, sterile</td>
<td>1/box</td>
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**PENLIGHT PACKS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>6303</td>
<td>cobalt penlight - 4/pack</td>
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<tr>
<td>6666</td>
<td>doctor's disposable penlight - 5/pack</td>
</tr>
<tr>
<td>66RN</td>
<td>penlight w/pupil gauge - 6/pack</td>
</tr>
<tr>
<td>1125</td>
<td>doctor's disposable penlight - 1/box</td>
</tr>
<tr>
<td>7156</td>
<td>cobalt filter only - 1/box</td>
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**SPECIALTY LIGHTS**

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Quantity</th>
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</thead>
<tbody>
<tr>
<td>6802</td>
<td>Fluoro-Dot™</td>
<td>1/box</td>
</tr>
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</table>
BOVIE® ACUDOP® II DOPPLER SYSTEM*  
Fetal Doppler's have been used for years to hear and see the fetus heart rate. Acudop Doppler system provides Unmatched Digital sound quality along with Breakthrough XD probe technology that provides up to a 56% increased sensitivity at shallow depths. Models available in Displayed, Non-Displayed and Rechargeable options. Interchangeable probes 2MHz, 3MHz & waterproof. Convert your OB doppler to a vascular doppler by simply changing the probe to a 5MHz or a BMZ.

**Unmatched Digital Sound Quality**  
**Interchangeable OB & Vascular Probes**  
**Breakthrough XD probes provide up to 56% increased sensitivity at shallow depths (0-5cm)**  
**Cost saving rechargeable models**  
**Slim to fit comfortably in your hand and pocket**  
**Only 5 year Warranty available on ALL Labor & ALL Parts**

### VASULAR PROBES

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

### VASULAR PROBES CONFIGURATIONS

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
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<tbody>
<tr>
<td>A2</td>
<td>Acudop II 2MHz OB Probe</td>
</tr>
<tr>
<td>A3</td>
<td>Acudop II 3MHz OB Probe</td>
</tr>
</tbody>
</table>

### WATERPROOF OB PROBES

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
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<tbody>
<tr>
<td>A2W</td>
<td>Acudop II 2MHz Waterproof OB Probe</td>
</tr>
<tr>
<td>A3W</td>
<td>Acudop II 3MHz Waterproof OB Probe</td>
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</table>

### OB PROBE CONFIGURATIONS

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
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<tbody>
<tr>
<td>A5</td>
<td>Acudop II 5MHZ Vascular Probe</td>
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**Not Pictured**

### ACUDOP DOPPLER SYSTEMS

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
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<tbody>
<tr>
<td>AD-770**</td>
<td>Acudop II 770, Display Unit</td>
</tr>
<tr>
<td>AD-770R</td>
<td>Acudop II 770R, Rechargeable Unit</td>
</tr>
<tr>
<td>AD-330**</td>
<td>Acudop II 330, Non-Displayed Unit</td>
</tr>
<tr>
<td>AD-330R**</td>
<td>Acudop II 330R, Rechargeable Non-Display Unit</td>
</tr>
</tbody>
</table>

**Not Pictured**

### OPHTHALMIC PRODUCTS

Bovie® Animal Health manufactures a diverse line of ophthalmic products, including an ophthalmic burr, and a clear protective eye bubble for ophthalmic and neurosurgical procedures.

#### OPHTHALMIC BURR HANDLE

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>0001</td>
<td>1 mm burr tip for use with the BMZ or equivalent for corneal rust ring removal, sterile - 10/box</td>
</tr>
<tr>
<td>0002</td>
<td>0.5mm burr tip for use with BMZ, BMZP or equivalent, sterile - 10/box</td>
</tr>
</tbody>
</table>

#### OPHHTHALMIC-BURR TIPS

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0005</td>
<td>1mm burr tip for use with the BMZ or equivalent for corneal rust ring removal, sterile - 10/box</td>
</tr>
</tbody>
</table>

#### EYE BUBBLE

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BMZ</td>
<td>Eye Bubble - 10/box</td>
</tr>
</tbody>
</table>

#### NERVE LOCATORS

Neuro-Pulse® nerve locators were designed for identifying exposed motor nerves while at the same time reducing the possibility of accidental nerve damage or severance. These small powered units are portable and battery operated. Ideal for head, neck, hand, plastic, and facial applications.

#### NERVE LOCATORS

<table>
<thead>
<tr>
<th>Style #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEURO-PULSE</td>
<td>0.5 mA, 1 mA, and 2 mA at 3 volts DC - 10/box</td>
</tr>
</tbody>
</table>

**These products may not be available in all markets.**