# SOMA TECHNOLOGY, INC.™

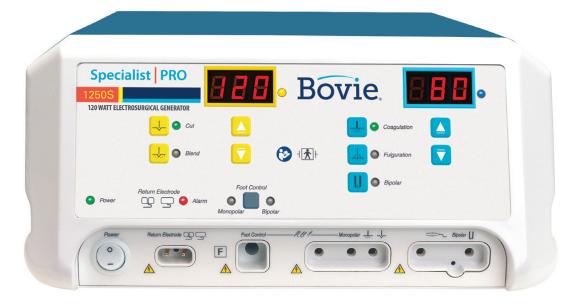## New, Demo & Refurbished Medical Equipment

The **Bovie Specialist Pro** is the electrosurgery solution for in demand physician offices and specialty facilities. Designed to operate like an operating room generator in a compact lower watt package. The multipurpose unit is ideal for monopolar and bipolar office surgical procedures. The Specialist PRO ESU offers 5 common energy outputs controlled by the new sleek, push-button design, with up to 120 watts of power. The modalities include Cut, Blend, Coagulation, Fulguration and Standard Bipolar.

# Features

- 120 Watts of Cutting Power
- Monopolar and Bipolar Capabilities
- Designed to operate like an OR generator in a smaller, lower-powered package
- Large Illuminated Digital Display
- Self-Test Circuits
- Isolated Circuitry

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# Specifications

| | |
|---|---|
| **Dimensions** | **Height:** 6 In *(15.2 cm)* |
| | **Width:** 10.25 In *(26cm)* |
| | **Depth:** 12 In *(30.5 cm)* |
| | **Weight:** < 9 lbs *(< 4 kg)* |

| | |
|---|---|
| **General Voltage and Frequency** | **Output Frequency:** 350 – 600 kHz |
| | **Line Voltage:** A1250S: 100-240 VAC |
| | **Line Frequency:** 50 - 60 Hz |

**Monopolar**

**Cut**
Output Power: 120 W @ 500 Ω
Output Frequency: 357 kHz ± 50 kHz
Open Circuit VPeak Max: 1250V
Crest Factor (Rated Load): 2.9 ± 20%

**Blend**
Output Power: 90 W @ 800 Ω Output
Frequency: 357 kHz ± 50 kHz
Repetition Rate: 30 kHz ± 5 kHz
Open Circuit VPeak Max: 1850V
Crest Factor (Rated Load): 3.3 ± 20%

**Bipolar**

**Coagulation**
Output Power: 80 W @ 1000 Ω Output
Frequency: 475 kHz ± 19 kHz
Repetition Rate: 57 kHz ± 5 kHz
Open Circuit VPeak Max: 3300V
Crest Factor (Rated Load): 5.5 ± 20%

**Fulguration**
Output Power: 40 W @ 1000 Ω Output
Frequency: 410 kHz ± 50 kHz
Repetition Rate: 25 kHz ± 5 kHz
Open Circuit VPeak Max: 3900V
Crest Factor (Rated Load): 7.7 ± 20%

**Bipolar**
Output Power: 30 W @ 200 Ω
Output Frequency: 520 kHz (-14 kHz, +29 kHz)
Repetition Rate: 32 kHz ± 5 kHz
Open Circuit VPeak Max: 1200V
Crest Factor (Rated Load): 6.9 ± 20%

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