



The Aaron® Surgi-Center|PRO is a 200 watt high power, operating room generator, by Bovie®. The unit incorporates the power and safety of a premium OR generator at a significant savings to the medical facility. The system delivers 12 monopolar and bipolar RF energy modalities to provide a high level of surgical precision. Engineered with the safety of the patient in mind, the Aaron® Surgi-Center|PRO includes technology such as Bovie NEM™ return split pad contact quality monitoring, Bovie FDFS™ tissue sensing technology, self-test circuits, as well as specialized modalities for laparoscopic and delicate procedures. The Aaron® Surgi-Center|PRO is supported by Bovie's unprecedented 4 year standard warranty.

### TAILORED MODES FOR SURGICAL PRECISION

#### CUT

**Cut I** – A general cutting with a standard RF waveform used in open and endoscopic surgical procedure, Cut I is for use in a wide range of tissue with minimal hemostasis.

**Cut II** – Tailored specifically for Laparoscopic procedures, Cut II offers a precisely managed cutting energy that limits output for the minimizing of the potential risk of capacitive coupling and alternate site burns due to weakened insulation.

**Blend (Level 1, 2, 3 & 4)** – Blended cutting offers varying levels of hemostasis during a cut procedure providing increased control of bleeding at the surgical application site.

#### COAGULATION

**Pinpoint** – A general coagulation mode delivering rapid desiccation effects with minimal tissue damage.

**Spray** – Recommended for hemostasis in highly vascular or large surface areas and for non-contact tissue coagulation to control superficial bleeding. Spray mode permits dual, simultaneous activation of two monopolar accessories with audible dual activation tone alert.

**Gentle** – Gentle offers more concentrated coagulation than in other modes. For instance, when coagulation is necessary in short amounts of time, reduced electrode carbonization is provided.

#### BIPOLAR

**Macro** – Intense bipolar output allowing for aggressive coagulation, with cut-like effects over a wide range of tissue.

**Micro** – Fine bipolar coagulation for use in extremely gentle and precise surgical applications.

**Standard** – Bipolar coagulation which gently coagulates tissue for minimal tissue damage reducing carbonization and sticking.

#### SURGICAL MEMORY TECHNOLOGY

The Aaron® Surgi-Center|PRO recalls the last used power and mode. Its User Preset can recall up to 10 user preferences to aid in operating room efficiency.

#### TISSUE SENSING TECHNOLOGY

Utilizing Bovie's own FDFS™ tissue sensing technology, the Aaron® Surgi-Center|PRO ensures consistent energy delivery throughout any procedure. This technology senses tissue density changes over 5 million times per second and adjusts the output power to any varying tissue impedance 5000 times per second.



## RECOMMENDED ACCESSORIES

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

- BV-1253B - Monopolar Footswitch
- BV-1254B - Bipolar Footswitch
- A1210A - Monopolar Foot-Control Instrument Adapter
- A1210D - Disposable Monopolar Foot-Control Instrument Cable
- A1210R - Reusable Monopolar Foot-Control Instrument Cable
- BV-IDS-CS - Mobile Cart Stand
- A827V - Bipolar Cable
- ESP1, ESP6 or ESPR2 - Monopolar Handpiece

		
BV-1253B - Monopolar Footswitch	A1210A	A1210R
		
BV-1254B - Bipolar Footswitch	A1210D	ESP1

## PRODUCT SPECIFICATIONS

Monopolar	Watts	Vpeak Max Voltage	Crest Factor (Typical)	Frequency (KHz)
Cut I	200	1000V	1.7 ± 20%	490 kHz ± 4.9 kHz
Cut II	200	750V	1.7 ± 20%	490 kHz ± 4.9 kHz
Blend (1)	200	1320V	1.8 ± 20%	490 kHz ± 4.9 kHz
Blend (2)	200	1475V	2.0 ± 20%	490 kHz ± 4.9 kHz
Blend (3)	200	1650V	2.2 ± 20%	490 kHz ± 4.9 kHz
Blend (4)	200	1870V	2.4 ± 20%	490 kHz ± 4.9 kHz
Pinpoint Coag	120	1800V	3.1 ± 20%	490 kHz ± 4.9 kHz
Spray Coag	120	4000V	6.0 ± 20%	350 to 450 kHz
Gentle Coag	120	450V	1.6 ± 20%	490 kHz ± 4.9 kHz
Bipolar	Watts	Vpeak Max Voltage	Crest Factor (Typical)	Frequency (KHz)
Macro Bipolar	80	600V	1.5 ± 20%	490 kHz ± 4.9 kHz
Micro Bipolar	80	500V	1.5 ± 20%	490 kHz ± 4.9 kHz
Standard Bipolar	50	250V	1.5 ± 20%	490 kHz ± 4.9 kHz

Contact Monitoring Systems	Bovie NEM
Range /Trip Point	10 ohms or less over entire operating range (10C° to 40C°)
Cooling System	Passive Cooling
Power Display Accuracy	± 20% or 5 watts whichever is greater
Technology	Isolated RF Output

Pre-set Feature	Yes
Current Meter	Yes
Monopolar HP Ports	2
Connector Ports/ Power Switch	White
Box Color	Blue
Face Plate	White
Overlay	White

Weight	<9.07 kg (<20 lbs)		
Dimensions	W: 37.5 cm (14.75 in.)	H: 16.5 cm (6.5 in.)	D: 46 cm (18.1 in.)
Warranty	4 years		

