



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 mode 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 40°C)
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		

