

Product Overview

The Bovie IDS 310 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. These modes were included to assist surgeons in tailoring all electro-surgery needs for their variety of surgical applications and user preferences.



Bovie IDS 310 Electrosurgical Unit

Features

- Bovie Bipolar – Pulsing coagulation for quick and powerful coagulation of tissue
- Auto Bipolar – Offers immediate and simplified tissue coagulation with minimal tissue damage
- Specialized Laparoscopic Mode – Recalls up to 10 presets and up to 6 bipolar output preferences
- Adjustable Power During Activation

Specifications on Next Page

Note: The technical data given in this publication is for general information and is subject to change without notice. Actual configuration on the unit may vary. Contact our sales representatives for a complete list of details.



Seattle Technology
3915 152nd St NE
Marysville, WA 98271
1.800.827.3747
stsurg.com

Specifications

Dimensions

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

General

Contact Monitoring Systems: BovieNEM

Contact Monitoring Systems

Range/Trip Point: 10 ohms or less over entire operating range (10C° to 40°C)

Cooling System: Passive Cooling

Technology: Isolated RF Output

Pre-set Feature: Yes

Monopolar HP Ports: 2

Dual Activation Tone Alert: Yes

Connector Ports/Power Switch: Black

Bipolar

Macro Bipolar

Watts: 150
VPeak Max Voltage: 600V
Crest Factor (Typical): 1.5 ± 20%
Frequency: 490 kHz ± 4.9 kHz

Micro Bipolar

Watts: 80
VPeak Max Voltage: 450V
Crest Factor (Typical): 1.5 ± 20%
Frequency: 490 kHz ± 4.9 kHz

Standard Bipolar

Watts: 50
VPeak Max Voltage: 300V
Crest Factor (Typical): 1.5 ± 20%
Frequency: 490 kHz ± 4.9 kHz

Bovie Bipolar

Watts: 225
VPeak Max Voltage: 250V
Crest Factor (Typical): 1.5 ± 20%
Frequency: 490 kHz ± 4.9 kHz

Auto Bipolar

Watts: 80
Frequency: 490 kHz ± 4.9 kHz

Specifications Continued on Next Page

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Specifications

Monopolar

Cut I

Watts: 300
VPeak Max Voltage: 1000V
Crest Factor (Typical): $1.7 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Cut II

Watts: 300
VPeak Max Voltage: 750V
Crest Factor (Typical): $1.7 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Blend (1)

Watts: 200
VPeak Max Voltage: 1320V
Crest Factor (Typical): $1.8 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Blend (2)

Watts: 200
VPeak Max Voltage: 1475V
Crest Factor (Typical): $2.0 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Blend (3)

Watts: 200
VPeak Max Voltage: 1650V
Crest Factor (Typical): $2.2 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Blend (4)

Watts: 200
VPeak Max Voltage: 1870V
Crest Factor (Typical): $2.4 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Pinpoint Coagulation

Watts: 120
VPeak Max Voltage: 1800V
Crest Factor (Typical): $3.1 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

Spray Coagulation

Watts: 120
VPeak Max Voltage: 4000V
Crest Factor (Typical): $6.0 \pm 20\%$
Frequency: 350 to 450 kHz

Gentle Coagulation

Watts: 120
VPeak Max Voltage: 450V
Crest Factor (Typical): $1.6 \pm 20\%$
Frequency: $490 \text{ kHz} \pm 4.9 \text{ kHz}$

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