The Bovie® IDS-210 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 Bovie® IDS-210 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 Bovie® IDS-210 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 Bovie® IDS-210 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 Bovie® IDS-210 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.
PRODUCT SPECIFICATIONS

<table>
<thead>
<tr>
<th>Monopolar</th>
<th>Watts</th>
<th>Vpeak Max Voltage</th>
<th>Crest Factor (Typical)</th>
<th>Frequency (KHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cut I</td>
<td>200</td>
<td>1000V</td>
<td>1.7 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Cut II</td>
<td>200</td>
<td>750V</td>
<td>1.7 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Blend (1)</td>
<td>200</td>
<td>1320V</td>
<td>1.8 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Blend (2)</td>
<td>200</td>
<td>1475V</td>
<td>2.0 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Blend (3)</td>
<td>200</td>
<td>1650V</td>
<td>2.2 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Blend (4)</td>
<td>200</td>
<td>1870V</td>
<td>2.4 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Pinpoint Coag</td>
<td>120</td>
<td>1800V</td>
<td>3.1 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Spray Coag</td>
<td>120</td>
<td>4000V</td>
<td>6.0 ± 20%</td>
<td>350 to 450 kHz</td>
</tr>
<tr>
<td>Gentle Coag</td>
<td>120</td>
<td>450V</td>
<td>1.6 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bipolar</th>
<th>Watts</th>
<th>Vpeak Max Voltage</th>
<th>Crest Factor (Typical)</th>
<th>Frequency (KHz)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Macro Bipolar</td>
<td>80</td>
<td>600V</td>
<td>1.5 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Micro Bipolar</td>
<td>80</td>
<td>500V</td>
<td>1.5 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
<tr>
<td>Standard Bipolar</td>
<td>50</td>
<td>250V</td>
<td>1.5 ± 20%</td>
<td>490 kHz ± 4.9 kHz</td>
</tr>
</tbody>
</table>

Contact Monitoring Systems: Bovie NEM
Range/Trip Point: 10 ohms or less over entire operating range (10°C 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

RECOMMENDED ACCESSORIES

To avoid incompatibility and unsafe operation, we recommend using the following Bovie® accessories with the Bovie® IDS-210:

- BV-1253B - Monopolar Footswitch
- BV-1254B - Bipolar Footswitch
- A1255A - 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
BV-1254B - Bipolar Footswitch
A1255A
A1210D
A1210R
ESP1

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