



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 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 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.

## Features

- Two Cut Modes
- Four Levels of Blend
- Three Coagulation Modes
- Three Bipolar Modes
- Fast Digital Feedback System
- Three Front Panel Accessory Connections and two rear panel footswitch connections



# 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:** White  
**Power Display Accuracy:** ± 20% or 5 watts whichever is greater

## Bipolar

### Macro Bipolar

Watts: 80  
VPeak Max Voltage: 600V  
Crest Factor (Typical): 1.5 ± 20%  
Frequency: 490 kHz ± 4.9 kHz

### Micro Bipolar

Watts: 80  
VPeak Max Voltage: 500V  
Crest Factor (Typical): 1.5 ± 20%  
Frequency: 490 kHz ± 4.9 kHz

### Standard Bipolar

Watts: 50  
VPeak Max Voltage: 250V  
Crest Factor (Typical): 1.5 ± 20%  
Frequency: 490 kHz ± 4.9 kHz



# Specifications

## **Monopolar**

### **Cut I**

Watts: 200  
VPeak Max Voltage: 1000V  
Crest Factor (Typical):  $1.7 \pm 20\%$   
Frequency:  $490 \text{ kHz} \pm 4.9 \text{ kHz}$

### **Cut II**

Watts: 200  
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:  $490 \text{ kHz} \pm 4.9 \text{ kHz}$

