

Product Overview

The Bovie IDS 400 has IDS technology gives the surgeon the flexibility to consistently choose the type of effect desired with maximum convenience and safety. The Bovie IDS Series are innovative electrosurgical generators with fully digital implementation for use in today's modern OR and surgical outpatient center. The Bovie-IDS units are easy-to-handle yet capable of covering a whole spectrum of electrosurgical interventions. Monopolar and bipolar functions satisfy all surgical demands with maximum safety and a user-friendly interface. Bovie's digital technology makes controlling the IDS Systems very simple for the OR team, allowing the surgeon to concentrate on what's important – the operation and the patient.



Features

- BovieFDFS (Fast Digital Feedback System) – Digitally controlled CUT and COAG functions give a consistent clinical output.
- BovieNEM (Neutral Electrode Monitoring)
- BovieFCFS (First Come First Serve) Improved patient safety with the latest digital implementation.
- BovieDED (Digital Error Detection)

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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.



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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

Duty Cycle: 10 S / 30 S
Output Type: RF Isolated "F"
Output Frequency: 490 kHz \pm 5
Input Current: 4.5 A ~
Line Voltage: 100-240 V ~

Modes

Cut I

Output Power: 400 W @ 500 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Crest Factor at Rated Load: 1.6 \pm 20%
VPeak Max: 1000V

Cut II

Output Power: 300 W @ 300 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Crest Factor at Rated Load: 1.6 \pm 20%
VPeak Max: 625V

Blend (Max)

Output Power: 200 W @ 300 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Repetition Rate: 30 kHz \pm 5 kHz
Crest Factor at Rated Load: 3.5 \pm 20%
VPeak Max: 2000V

Pinpoint

Output Power: 120 W @ 500 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Repetition Rate: 30 kHz \pm 5 kHz
Crest Factor at Rated Load: 4.5 \pm 20%
VPeak Max: 2400V

Spray

Output Power: 80 W @ 500 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Repetition Rate: 30 kHz \pm 5 kHz
Crest Factor at Rated Load: 6.5 \pm 20%
VPeak Max: 4000V

Bipolar

Output Power: 120 W @ 150 Ω
Output Frequency: 490 kHz \pm 4.9 kHz
Crest Factor at Rated Load: 1.6 \pm 20%
VPeak Max: 450V

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