

Electrosurgical Generators

HV-300 Electrosurgical Generator

Versatility in Office-Based Electrosurgery

For general electrosurgery needs in the office, Clinic, or emergency room, the electrosurgical generator provides exceptional performance, reliability, and safety benefits in a compact, easy to use unit.



Easy

Easy and quick to set up; compact and light

Saves time with automatic access to previously used power settings and modes

Provides precise surgical effect with power control dials

Flexibility

Performs most common office-based electrosurgical procedures

Includes both monopolar and bipolar outputs

Reliability

Manufactured to the highest standards of quality in electrosurgical technology
Ensures consistent clinical performance over a variety of procedures

Safety

Increased patient safety with a return electrode contact quality monitoring system (REM). The REM system continually monitors patient impedance levels and deactivates the generator if a fault in the patient/return electrode contact is detected



Breathwell Medicare India (P) Ltd.

IMPORTERS AND EXPORTERS OF MEDICAL EQUIPMENTS

Unique Features of the HV-300 Electrosurgical Generator

Technical Specifications

Output Frequency

540KHz

Line Voltage

110/220V~

Line Frequency

50/60Hz

Weight and dimensions

Height:	14cm
Width:	32cm
LengthL	41cm
Weight:	<8.5kg

- Improved performance at lower power settings minimizes the risk of tissue damage and neuromuscular stimulation
- Easy to use, cost effective system when performance is required and price is of equal concern
- Two cut modes offer surgeons a variety of choices:
 - Pure Cut for clean, precise cut
 - Blend Cut for cutting with hemostasis
- Two Coag modes:
 - Fulgurate for lower voltage coagulation requirements
 - Spray for coagulating large tissue areas with superficial of necrosis
- One bipolar modes:
 - Standard mode utilizes low voltage to prevent sparking
- Veratile system that is uniquely compatible with other, including:
 - HV Argon congulation system
 - OptiMumm Smoke Evacuation System – Clean air in the Operation Theatre

Low Frequency Leakage

Source current, patient leads, all outputs tied together

- Normal polarity, intact chassis ground < 10µA
- Normal polarity, ground open < 50µA
- Reverse polarity, ground open < 50µA
- Sink current, 140V applied, all inputs < 50µA

High Frequency Leakage

Bipolar: Less than 60mArms

Monopolar: Less than 150m Arms

Power Readouts

Agree with actual power into rated to within

±20% or 5 watts, whichever is greater. Dosage Error monitor

Output Characteristics

Mode		Maximum P-P Voltage	Rated Load(ohms)	Maximun Power(Watts)	Crest Factor(Tpical)
Monopolar Cut	Pure	1900	300	300	1.6
	Blend 1	2300	300	250	2.5
Monopolar Coag	Fulgurate	2800	300	120	2.9
	Spray	7000	300	100	6.2
Bipolar	Coag	550	100	70	1.6

Market in India By:--

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