




## HV-300E Electrosurgical Generator

**HV-300E Electrosurgical Generator**  
Versatility in office-based Electrosurgery

For general electrosurgery needs in the office, clinic or emergency room. The HV-300E generator provides exceptional performance, reliability in a safe, compact, easy to use unit.

### Easy

Easy and quick to set up  
Auto access to previously used modes and power settings  
Power control dials provide precise surgical assistance

### Flexible

Performs most common office based electrosurgical procedures  
Includes both monopolar and bipolar outputs

### Reliable

Manufactured to highest standards of quality in electrosurgical technology  
Consistent clinical performance over a variety of procedures

### Safe

Increased patient safety with 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 is detected

### High Frequency leakage

Bipolar: less than 60mA  
Monopolar: less than 150mA

### 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

### Power readouts

Actual power rated within 20% or 5W, whichever is greater.  
Dosage.  
Monitor Error



## Unique features of the HV-300E Electrosurgical Generator

Improved performance at lower power settings minimises the risk of neuromuscular stimulation and tissue damage

### Two monopolar cut modes: Pure Cut and Blend Cut.

Pure cut for a clean, precise cut

Blend for cutting with hemostasis

### Monopolar Coag mode:

Provides rapid contact coag for cavity mirror surgery and other delicate tissues.

### Bipolar Coag mode:

Minimizes damage to the tissue by limiting the amount of tissue involved in the electrosurgical circuit.

### Compatible with other systems

### Technical Specifications

Output Frequency 512Khz

Line Voltage: 110V/220V~

Line Frequency 50/60Kz

### Weight and Dimentions

Length: 24cm

width: 26cm

Height: 10cm

Weight: <3.50KG

### 2. Applicable range

Applicable for general surgery, thoracic surgery, orthopedics, obstetrics and gynecology, urologic surgery, cerebral surgery, microsurgery, ENT surgery and etc.

## Output Characteristics

Working mode		Rated load	Max. output power	Open-circuit peak-peak voltage
Mono-polar	Pure Cut	500Ω	100W	900V
	Blend Cut	500Ω	80W	1450V
	Coag	300Ω	60W	1550V
Bipolar	Coag	100Ω	50W	580V