

Ahanvos



HV-300A Electrosurgical Generator

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Versatility in office-based Electrosurgery

For general electrosurgery needs in the office, clinics, or emergency room, the HV-300A generator provides exceptional performance, reliability, and safety benefits in a compact, easy to use unit.

Ease

Ease and quick to set up; compact and light

Save time with automatic access to previous 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

Ensure 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.

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 < 10 μ A

Normal polarity, ground open < 50 μ A

reverse polarity, ground open < 50 μ A

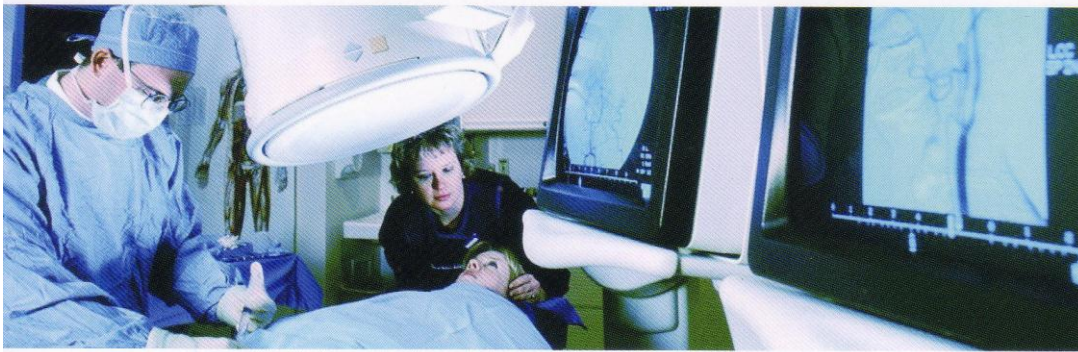
sink current, 140V applied, all inputs < 50 μ A

Power readouts

Agree with actual power into tested to within

$\pm 20\%$ or 5W, whichever is greater, Dosage

Error monitor.



Unique features of the HV-300A Electrosurgical Generator

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

Four cut modes offer surgeons a variety of choices:

Pure cut for a clean, precise cut
Blend 1, 2, 3 for cutting with homeostasis

Two coag modes:

Fulgurate for lower voltage coagulation requirements
Spray for coagulating large tissue areas with superficial of necrosis

Two Bipolar models:

Bipolar cut and coag: with the active electrode formed one confined circuit to perform the surgery; minimize damage to tissue by limiting the amount of tissue involved in the electrosurgical circuit.

Versatile system that is uniquely compatible with other, including:

Under water cut socket (endo cut)
HV argon coagulation system
Optimum Smoke Evacuation System-Clean air in the operation theatre

Technical Specifications

Output Frequency 540khz
Line Voltage: 110V/220V~
Line Frequency 50/60hz

Weight and Dimensions

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

Applicable range

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

Output Characteristics

	Mode	Maximum P-P Voltage	Rated load (OHMS)	Maximum Power (Watts)	Crest Factor (Typical)
Bipolar	Standard Coag	550	100	70	1.6
	Cut	700	100	70	1.6
Monopolar Cut	Pure	1900	300	300	1.6
	Blend 1	2300	300	250	2.5
	Blend 2	2500	300	200	2.8
	Blend 3	2800	300	150	2.9
Monopolar coag	Fulgurat	2800	300	120	2.9
	Spray	7000	300	100	6.2

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