

Electrosurgical Generator



Intelligent Device System

The intuitive design and user-friendly set-up of the AHANVOS Electrosurgical Generator (diathermy) for use in the modern operating room, it features both Monopolar and bipolar functions to satisfy all the surgeries demands with safety, flexibility, reliability and convenience.

REM (Return Electrode Monitoring)

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, which minimize the danger of.

Multilanguage Available:

Language options: English, Spanish, Portuguese, Turkish and etc

Application of Use

General Surgery; Gastroenterology Dermatology; Vascular Surgery; Obstetrics and Gynecology Heart/ Thoracic Surgery; ORL/ ENT; Minimally Invasive Surgery (MSI) Cerebral surgery Neurosurgery, Orthopedics & Plastic Surgery, Trans Urethral Resection (TUR) and etc.

Memory Records Features

Memory program that allows customize settings for different interventions and surgeons. Now total from 0~9 memories locations can be available for user-defined settings, which make AHANVOS a versatile, indispensable companion in HF surgery.

Time Control Feature

There is time control feature under bipolar coag modes. Time output rang from 0.1 to 2.0 seconds, which can be used for much delicate surgeries like Neurosurgeries and etc.

Two Pencils Work Simultaneously

It can meet the special surgeries like Heart bypass operation and etc, which ensure two users can operate respectively without interference.

Designed with patient plate continuity monitoring circuit, this can effectively prevent electrical burns to patients;

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 Specification

Main Frequency: 512 KHz

Power Supply: 110V-220V; 50-60Hz

Weight and Dimension:

Weight: 8.00KG

Dimension: 41*32*14

High Frequency Leakage:

Monopolar: < 150mA;

Bipolar < 60mA

Low Frequency Leakage:

Normal Polarity, Intact Chassis Ground: <10μA

Normal Polarity, Ground open< 50μA

Reverse Polarity, Ground Open< 50μA

Sink Current, 140V Applied, All inputs < 50μA



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Technical Specification

Working Mode		Maximum P-P Voltage	Rated Load	Max. output power	Crest Factor (Typical)
Monopolar Cut	Pure	1900	500Ω	400W	1.6
	Blend 1	2300	500Ω	300W	2.5
	Blend 2	2300	500Ω	300W	2.5
	Blend 3	2300	500Ω	300W	2.5
	Blend 4	2500	500Ω	200W	2.8
	Blend 5	2500	500Ω	200W	2.8
	Blend 6	2500	500Ω	200W	2.8
	Blend 7	2800	500Ω	150W	2.9
	Blend 8	2800	500Ω	150W	2.9
	Blend 9	2800	500Ω	150W	2.9
Monopolar Coag	Contact	3000	300Ω	150W	3.1
	Desiccation	3000	300Ω	150W	3.3
	Fulgurate	5500	500Ω	120W	5.7
	Spray	6000	500Ω	120W	6.1
Bipolar Cut	Pure	480	100Ω	99W	1.4
	Blend	550	100Ω	99W	1.4
Bipolar Coag	Precise	380	100Ω	50W	1.7
	Standard	590	100Ω	99W	1.7