

Plus LigaSure Vessel sealing



Electrosurgical Generator with Ligation

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.

Technical Features: Touch Screen

AHANVOS electrosurgical system is controlled with a wide TFT LCD touch screen (7 inch), clean and sharper image quality, which provides the user with easy access to all diathermy functions. The settings or modes of operation are changed by touching icons on the screen. To ensure maximum ease of operation there are no extra buttons or knobs.

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 burning incidents.

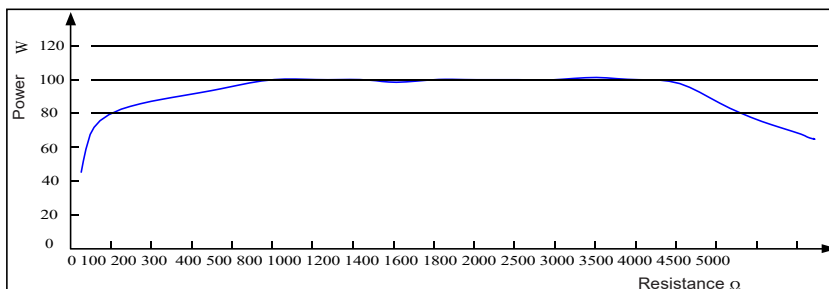


Automatic Self-Test

Once switched on, AHANVOS systems perform a comprehensive internal test

Real-time Monitoring and Instance Response System for Tissue Density

This proprietary technology delivers optimal clinical effects through continuous synchronization of current and voltage. It samples the current and voltage 450,000 times per second which enables it to respond to tissue impedance changes in less than 10 milliseconds, which ensuring the machine achieves optimum energy output levels quicker and more accurately – ensuring that only the precise voltage needed is safely delivered to each tissue type.



Ligasure Vessel Sealing (*Seal-Safe*)

With above mentioned Real-Time and instance response system, it enables permanent sealing up blood vessels with a diameter up to 7mm with this technology under bipolar coagulation (*Seal-safe modes*).

Endoscopic Vessel Sealing (*Endo-Safe*)

Vessel sealing under water with endoscopic instrument

Automatic Start /Stop

Under Bipolar cut and coagulation modes, user can choose Pedal control or Automatic control, under Automatic control.

Memory Records Features (*Optional*)

Memory program that allows customize settings for different interventions and surgeons. Now total from 0-10 memory locations can be available for user- defined settings, which make AHANVOS a versatile, indispensable companion in HF surgery.

Compatible with Argon Plasma Coagulation System

Compatible with Argon Generator, non-contact tissue, which can have very good effect for digestive surgery.

Optimum Smoke Evacuation System

AHANVOS Electrosurgical unit can be integrated with smoke Evacuation system, which will automatically trigger the smoke evacuation when energy is activated.

Application of Use

General Surgery; Ligation 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.

Technical Specifications

Out put Frequency: 512KHz
 Power Supply: 100-240V / 50-60Hz
 Dimension: 34*17*47
 Weight: 6.00KG

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

China Care Medical Equipment Co.,Ltd
 Address:Room B101, Zhongbang Business Building,
 PuXing Road No. 87, Tianhe, Guangzhou,
 Chinaweb:www.chinacaremedical.com

Output Characteristics

| Working Mode | | Maximum P-P Voltage | Rated Load (OHMS) | Maximum Power (Watts) | Crest Factor (Typical) |
|----------------|------------------|---------------------|-------------------|-----------------------|------------------------|
| Bipolar Cut | Bipolar Cut TURP | 700 | 100 | 180 | 1.5 |
| | Standard Coag | 550 | 100 | 150 | 1.7 |
| Bipolar Coag | Seal Safe | 450 | 50 | 300 | 1.6 |
| | Endo Safe | 290 | 25 | 100 | 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 | Fulgurate | 2800 | 300 | 120 | 2.9 |
| | Spray | 7000 | 300 | 100 | 6.2 |