

LigaSure Electrosurgical Unit



Technical Features:

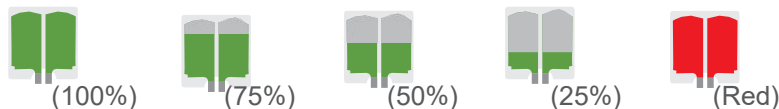
Electrosurgical Unit with Ligasure (US FDA verified)

Intelligent Device

- The intuitive design and user-friendly set-up of AHANVOS Electrosurgical Unit in the modern operating room,
- Monopolar and bipolar functions, It can satisfy all the surgeries demands, with safety, flexibility, reliability and convenience.
- With a wide TFT LCD touch screen (7 inch), clean and sharper image quality, which provides the user with easy access to all functions. The settings or modes of operation are changed by touching icons on the screen to ensure maximum ease of operation.

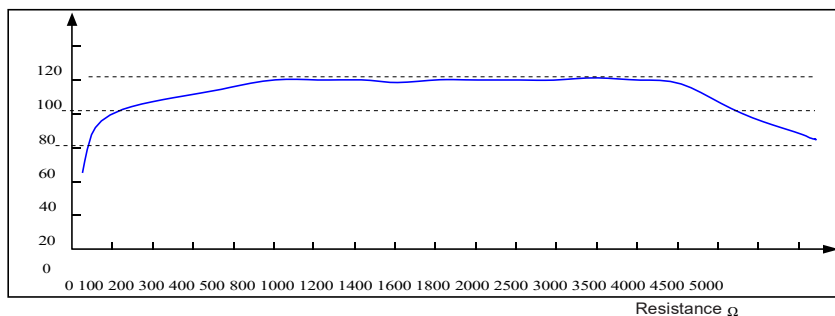
REM (Return Electrode Monitoring)

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.



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



Automatic Self-Test

Once switched on, AHANVOS systems perform a comprehensive internal test

Ligasure(Vessel Sealing)

The machine enables permanent sealing up blood vessels with a diameter up to 7mm with this technology under bipolar coagulation.

Technical Specification:

Technical Parameters		High Frequency Leakage	Low Frequency Leakage
Main Frequency:	512 KHz	Monopolar: < 150mA	Normal Polarity, Intact Chassis Ground: <10μA
Power Supply:	100-240V / 50-		Normal Polarity, Ground open < 50μA
Dimension	60Hz 47*34*17cm	Bipolar: < 60mA	Reverse Polarity, Ground Open < 50μA
Weight	6KGS		Sink Current, 140V Applied, All inputs < 50μA

Working Mode		Max.output power	Rated Load
Monopolar Cut	Pure Cut	200W	500Ω
	Blend Cut I	180W	500Ω
	Blend Cut II	150W	500Ω
Monopolar Coagulation	Soft Coagulation	150W	500Ω
	Fulgurate Coagulation	120W	500Ω
	Spray Coagulation	100W	500Ω
Bipolar Coagulation	Standard Coagulation	150W	100Ω
	Precise Coagulation	60W	100Ω
Ligasure (Vessel Sealing)		200W	25Ω

Accessories:



Ligasure instrument:

Maryland 23cm/5mm
37 cm/5mm
44 cm/5mm

Altas 37cm/10mm
20cm/10mm
37cm/5mm

Small Jaw 19cm/16.5mm

**Machine is compatible with
Covidien Brand Instrument**

