

## HV-150 LigaSure Electrosurgical Unit



**Multifunctional Electrosurgical Unit with Ligasure**  
ISO9001&13485 /FDA verified (510K No. 130760)

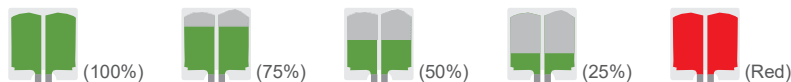
### Technical Features:

#### Intelligent Device ---7 INCH LCD TOUCH SCREEN

- 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)

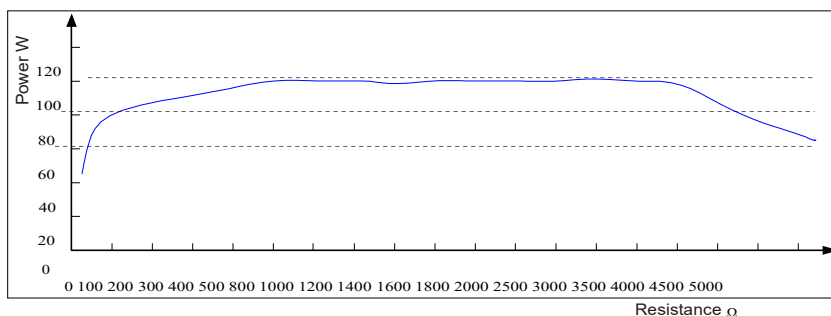
The REM system continually monitors patient impedance levels and deactivates the generator if a fault in the patient/return electrode contact is detected, which minimize the danger of burning incidents.



**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 )

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 / 50-60Hz		Normal Polarity, Ground open< 50μA
Dimension 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	150W	500Ω
	Blend Cut I	120W	500Ω
	Blend Cut II	100W	500Ω
Monopolar Coagulation	Fulgurate Coagulation	120W	500Ω
	Spray Coagulation	100W	500Ω
Bipolar Coagulation	Standard Coagulation	80W	100Ω
Ligasure(Vessel Sealing)		150W	25Ω

### Accessories



#### Ligasure instrument:

**Straight** --- 37cm/10mm  
20cm/10mm  
**SmallJaw** ---19cm/16.5mm



The above ligasure instrument can be selected optional one as a free standard accessory.  
We also have other types available for purchase

(HV-150 can be compatible with Valleylab Instruments)