



Multi-Functional Electrosurgical Unit

AV-ESU-300

INTRODUCTION

High-frequency Electrosurgical Unit is an advanced electro surgery equipment for incision and coagulation of the biological tissue through the high frequency current.

It is an excellent substitute for mechanical scalpels due to its simple & safe operation, fast tissue incision and blood coagulation. It is wide use in General surgery, Gynecology, Urology, Oncology, Orthopedics etc.



Multiple Functions

Both monopolar and bipolar work modes.



Easy-to-Use

Simple buttons to convert the work modes and change the power output.



Clear Display

3 digital electronic LED for the power output and error codes.



High Safety

REM (Return Electrode Monitoring) system to avoid burnt or damage to the surgeon and patient.



Wide Application

It can be connected to endoscopes for more clinical applications.

Features:

- 3-zone LED display for clear operating selection;
- Advanced & accurate power output control technology;
- Multi-function ESU with max 7 working modes;
- Dual power output methods by hand switch or foot switch;
- Minimal sticking & carbonization, reduce the surgery damage;
- Auto detection of impedance to protect the patient
- Different & adjustable operation sounds in case of misoperation;
- Support underwater cutting (TURP etc).
- OEM projects welcome



Specification

Function		Work Mode	Frequency	Rated Power	Gain Interval	Form of HF Current
Monopolar	Cut	Pure Cut Blend 1 Blend 2	500KHz 500KHz 500KHz	0-300W/300Ω 0-250W/300Ω 0-200W/300Ω	5 Watt	Sine Wave Modulate Sine Wave Modulate Sine Wave
	Coag	Standard Spray	500KHz 500KHz	0-100W/300Ω 0-70W/300Ω	5 Watt	Modulate Sine Wave Modulate Sine Wave
Bipolar		Bipo Cut Bipo Coag	500KHz 500KHz	0-100W/50Ω 0-70W/50Ω	5 Watt	Sine Wave Modulate Sine Wave

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Power Supply:

- 110V, 50/60Hz or 220V, 50/60Hz

Dimension:

- Product: 421(L) x 357(W) x 162(H) mm
- Package: 520(L) x 445(W) x 305(H) mm

Weight:

- Net Weight: 8.7KG
- Gross Weight: 14.5KG

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Standard Accessory



Standard Electrodes



Push Button Electrosurgical Pencil



Foot Switch Electrosurgical Pencil



Foot Switch



Disposable Bipolar Neutral Pad



Patient Plate Cable

Optional Accessory



Bipolar Forceps



Silicon Patient Plate



Metal Patient Plate

AVEUS®