

## Electrosurgical Generator



### **Intelligent Device System:**

The intuitive design and user-friendly set-up of the HOSMED 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.

### **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/60Hz; 220V/50Hz

### Weight and Dimension:

Weight: 8.00KG

Dimension: 34\*16\*47

### 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

### Technical Specification

Working mode		Maximum P-P Voltage	Rated Load	Max. output power	Crest Factor (Typical)
Monopolar Cut	Pure	1900	500Ω	300W	1.6
	Blend	2300	500Ω	250W	2.5
Monopolar Coag	Fulgurate	2800	500Ω	120W	2.9
	Spray	7000	500Ω	100W	6.2
Bipolar Coag	Standard Coag	550	100Ω	70W	1.6