



Experience the Precision



SURGICAL DIATHERMY

SURGI~~X~~-E2

Happier Living Everyday



Monopolar Cut

3 Cut Modes: Soft Cut, Pure & Blend cut



Monopolar Coagulation

3 Coag Modes: Soft, Fulgurate & Spray Coag



Bipolar

2 Bipolar Modes: Precise & Macro Mode



Channels

Monopolar: 1 CH. - Hand / Foot operated
Bipolar: 1 CH. - Foot operated



Personalized Settings

Allow to personalize settings with upto 5 programs in memory



Advanced Feedback Technology

ESU maintains the set power over wider range of tissue by continuous feedback, no need to adjust the power as tissue changes



Safety Monitoring

Ensures utmost safety with patient plate contact quality monitoring and HF leakage monitoring



Self Test

The machine conducts automatic self-test on startup



Application Areas

General Surgery, Gynecology, Laparoscopy, Cystoscopy, Orthopedic, Plastic surgery, Dermatology, Neurosurgery, ENT, Ophthalmology, Cardiothoracic, Under Water, Urology.



Product Specifications

Monopolar Cut		
Soft	300 W at 300 Ω, CF 1.5, 390 kHz; Precision cutting at lower voltage	
Pure	300 W at 300 Ω, CF 1.5, 390 kHz; Precisely controlled consistent cutting	
Blend	200 W at 300 Ω, CF 2.5, 390 kHz; Consistent cutting with coagulation effect	
Monopolar Coagulation		
Soft	120 W at 500 Ω, CF 5.0, 460 kHz; Contact Coag at lower voltage	
Fulgurate	120 W at 500 Ω, CF 7.0, 460 kHz; Non Contact moderate sparking coag	
Spray	120 W at 500 Ω, CF 8.0, 460 kHz; Distance coag for large areas with minimum depth	
Bipolar		
Precise	70 W at 100 Ω, CF 1.5, 390 kHz; lower output voltage, prevent sparkling & reduces adjacent tissue damage	
Macro	70 W at 100 Ω, CF 1.5, 390 kHz; Higher output voltage for wide range of tissues, also used for bipolar cut	
Environment Specification		
	Working	Transport and Storage
Temperature	10°C to 40°C	-40° to 70°C
Relative humidity	30% to 75%, noncondensing	10% to 100%, condensing
Power Supply	110 V / 230 V ; 50 to 60Hz	
Dimension	40.0 x 35 x 14 (L x W x H in cm)	
Weight	5.75 kg	
Standard Accessories		
Power Cord	1 No.	
Patient return electrode, Rubber	1 No.	
Cord for Patient return electrode	1 No.	
Footswitch, Single Paddle	1 No.	
Footswitch, Double Paddle	1 No.	
Foot switching chuck Handle, large pin	1 No.	
Monopolar Hand switching pencil (Reusable)	1 No.	
Universal Adaptor	1 No.	
Bipolar Forceps, straight non-stick, 20cm, 1mm tip	1 No.	
Cord for Bipolar Forceps	1 No.	
Set Of Electrodes, 5cm (Ball, Needle, Angled)	1 No.	

*Technical specification subject to change

CERTIFIED ISO 13485 : 2016 COMPANY

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