



www.epsimed.com

EPSIMED LLC
13230 SW 132 ave #B21, Miami, FL 33186 USA
isales@epsimed.com
Phone +1 786 429 1827
Mobile +1 786 238 5965



EPSIMED 200

A high frequency electrocautery equipment which is suitable for light and medium surgery.

HIGH PERFORMANCE CAPABILITIES



Electrosurgical and Treatment monopolar y bipolar

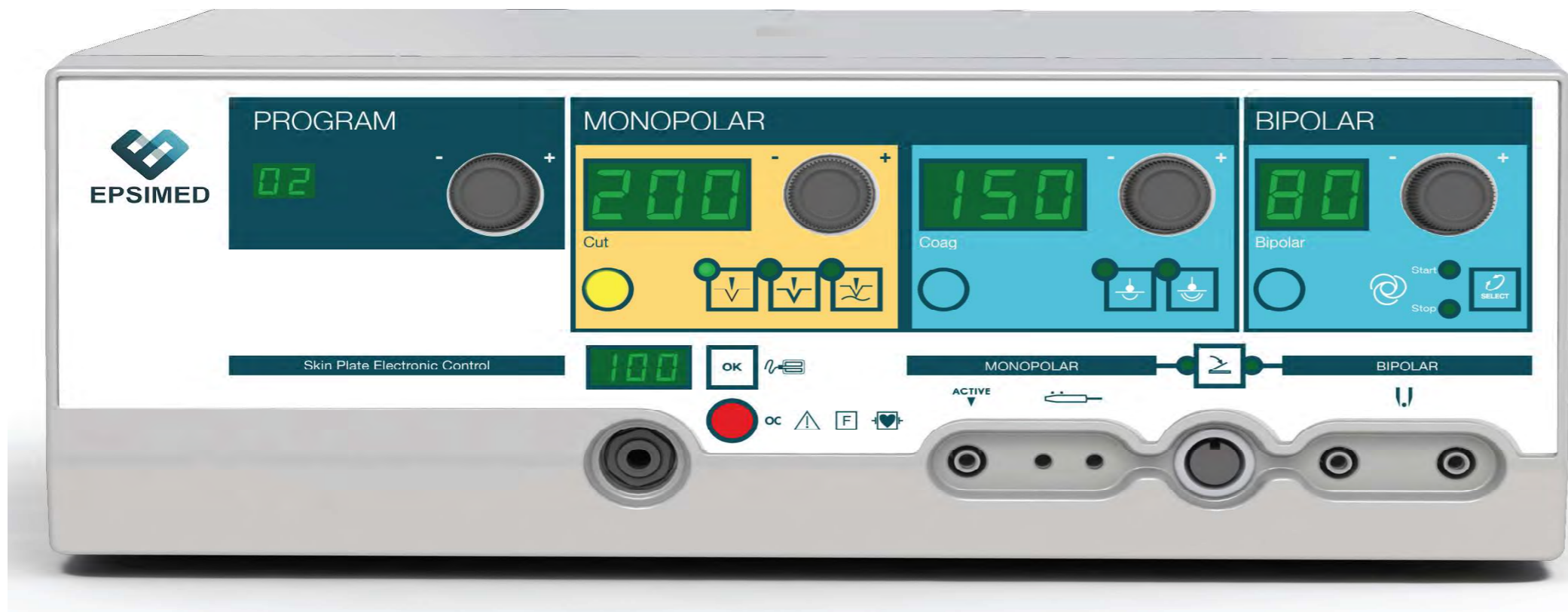
ESU 200 through its performances allows pure CUT, cut-coagulation BLEND, incision with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and BIPOLAR coagulation.

The digital reading of the delivered power and the overseeing through microcontroller of the operational functions, assure the absolute reliability of the conditions of the job.

EPSIMED 200 ELECTROSURGICAL UNIT

ESU 200 is a high frequency electrosurgical equipment which is suitable for light and medium surgery that allows execution of surgical minimally invasive procedure of resection, evaporation and coagulation.

*Performance, usability,
design and reliability*



- ESU 200 allows a highly professional surgery thanks to the user-friendly and safety solutions normally used.
- The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode
 - EN60601-1
 - EN60601-1-2
 - EN60601-2-2
 - Electrical Class: I CF
 - MCD 93/42/EC Class: IIB
- Patient/Plate circuit monitoring
- Output power monitoring
- Self check control

Applications

- Ambulatory surgery
- General surgery
- Pediatric surgery
- Plastic surgery
- Thorax surgery
- Vascular surgery
- Dermatology
- Endoscopy
- Gastroenterology
- Gynecology
- Neurosurgery
- Orthopedics
- Otorhinolaryngology
- Pneumology
- Veterinary



Features

- The digital reading of the delivered power and the overseeing through microcontroller of the operational function assure the absolute reliability of the conditions of the job.
- ESU 200 allows a highly professional surgery thanks to the user friendly and safety solutions normally used.
- The connection of neutral electrode is constantly monitored. Safety control the output by the handle functions as well as the implementation of surgical operation without turning away the surgeon's attention from the surgical field.
- Minimally Invasive Surgery Allowed
- Programmable by the User
- Many surgical Procedures by A Double Generator



Technical Features

Maximum output power CUT (W)	200W \times 250 Ω
Maximum output power ENHANCED (W)	120W \times 250 Ω
Maximum output power BLEND (W)	120W \times 200 Ω
Maximum output power FORCED COAG (W)	150W \times 150 Ω
Maximum output power SOFT COAG (W)	90W \times 100 Ω
Maximum output bipolar power BIPOLAR COAG (W)	80W \times 100 Ω
Modulation factor ENHANCED (Hz)	1.25
Modulation factor FORCED COAG (kHz)	1.0
Crest Factor CUT	1.5
Crest Factor ENHANCED CUT	2
Crest Factor BLEND	2.5
Crest Factor FORCED COAG	2.8
Crest Factor SOFT COAG	1.6
Crest Factor BIPOLAR COAG	1.5
Working frequency	600 kHz
Maximum output voltage CUT (Vpp)	1500
Maximum output voltage ENHANCED CUT (Vpp)	1500
Maximum output voltage BLEND (Vpp)	1800
Maximum output voltage FORCED COAG (Vpp)	1500
Maximum output voltage SOFT COAG (Vpp)	700
Maximum output voltage BIPOLAR COAG (Vpp)	700
Size LxHxP mm	370x144x319
Weight (kg)	6
Selectable power power (Vac)	115 – 230
Power frequency (Hz)	50–60
Fuses 230Vac (5x20) TIMED	2xT 3.15A
Fuses 115Vac (5x20) TIMED	2xT 6.3A
Electrical input power (VA)	350
Electrical input current (230Vac) (A)	1.5
Electrical input current (115Vac) (A)	3
Working condition storing2	16
Patient circuit	F
Duty Cycle (action / pause) in seconds	10 / 30



Standard Accessories



A
One Reusable handle with switches



B
Three pieces of Blade electrode of 7 centimeters



C
Three pieces of Needle electrode of 7 centimeters



D
Three pieces of Ball electrode of 6 centimeters



E
Five pieces of Disposable split neutral electrode



F
single waterproof foot-switch

High precision and reliability

