EDGE 200 ESU

INFINIUM®

EDGE 200 Designed for Surgery Centers

The Infinium EDGE 200 is a high frequency electrosurgical generator ideal for monopolar and bipolar surgery center procedures. The system is engineered to execute minimally invasive surgical procedures with resection, evaporation and coagulation.

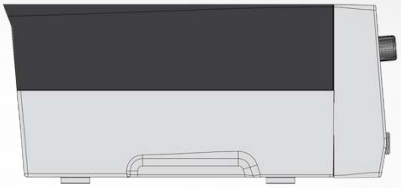
The EDGE 200 allows for professional surgery thanks to advanced user-friendly and safety solutions. The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode. The possibility to control by the handle the output functions as well as the delivery of output power, allows to implement the surgical operation without turning away the surgeon attention from the surgical field.

- Patient to plate contact control
- Split return electrode use
- Minimally invasive surgical treatments
- Independent monopolar & bipolar output
- Auto start/stop in bipolar coag
- 16 working memory settings
- Monopolar activation with handle and/or pedal
- Digital power regulation and output indicator
- Sound level controls

INFINIUM® Electrosurgery Solutions

EDGE 200 Technical Specifications

Tollerance	Description	ESU-200
	Electrosurgical unit code	EPS10100.401
	Automatic control of the impedance (Bipolar)	✓
	Bipolar coag with automatic activation/deactivation	✓
	Minimum preselectable power	0
	Selection of the power through the monopole-encoder	✓
± 20%	Maximum output power CUT (W)	200W→250Ω
± 20%	Maximum output power ENHANCED (W)	120W →250Ω
± 20%	Maximum output power BLEND (W)	120W →200Ω
± 20%	Maximum output power FORCED COAG (W)	150W →150Ω
± 20%	Maximum output power SOFT COAG (W)	90W →100Ω
± 20%	Maximum output bipolar power BIPOLAR COAG (W)	80W →100Ω
± 5%	Modulation factor ENHANCED (Hz)	1.25
± 5%	Modulation factor FORCED COAG (kHz)	10
-0.1 + 0.2	Crest Factor CUT	1.5
± 0.3	Crest Factor ENHANCED CUT	2.0
± 0.3	Crest Factor BLEND	2.5
± 0.3	Crest Factor FORCED COAG	2.8
± 0.3	Crest Factor SOFT COAG	1.6
-0.1 + 0.2	Crest Factor BIPOLAR COAG	1.5
± 15%	Working frequency	600 kHz
± 15%	Maximum output voltage CUT (Vpp)	1500
± 15%	Maximum output voltage ENHANCED CUT (Vpp)	1500
± 15%	Maximum output voltage BLEND (Vpp)	1800
± 15%	Maximum output voltage FORCED COAG (Vpp)	1500
± 15%	Maximum output voltage SOFT COAG (Vpp)	700
± 15%	Maximum output voltage BIPOLAR COAG (Vpp)	700
± 0.5	Size LxHxP mm	370x144x319
± 10	Weight (kg)	6
± 5%	Selectable power power (Vac)	115 – 230
± 1%	Power frequency (Hz)	50-60
± 0	Fuses 230Vac (5x20) TIMED	2xT 3.15A
± 0	Fuses 115Vac (5x20) TIMED	2xT 6.3A
± 10%	Electrical input power (VA)	350
± 10%	Electrical input current (230Vac) (A)	1.5
± 10%	Electrical input current (115Vac) (A)	3
	Five steps adjustable sound level	✓
	Self-check	✓
	Power accuracy output warning	✓
	Skin Plate Electronic Control1	✓
	Split or not split patient plate allowed	✓
	Working condition storing2	16
	Electrical Class (EN60601-1)	I CF
	MDD 93/42/EC Class	II b
	EN55011 (CISPR 11) Class (Class/Group)	2 / B
	Patient circuit	-F-
	Duty Cycle (action / pause) in seconds	10 / 30
	Output power control by foot-switch or finger-switch	✓
	Defibrillation-proof	✓
	Equipotential binding	✓
	ABS cabinet	✓



Target Procedures

- Ambulatory Surgery
- Plastic Surgery
- Dermatology
- Gynecology
- Otorhinolaryngology
- Orthopedics
- Pediatric Surgery
- Trauma
- Pneumology

Standard Accessories

- Reusable handle with switches
- Assorted electrodes (10 pcs)
- Blade electrode 7 cm (3 pcs)
- Needle electrode 7 cm (3 pcs)
- Ball electrode 6 cm (3 pcs)
- Cable for neutral electrode
- Steel neutral electrode
- Disposable split neutral electrode (2 pcs)
- Waterproof foot switch
- Power supply cable 5mt
- Electrodes and handle support

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