

EDGE 400 ESU

INFINIUM[®]

EDGE 400 Designed for Operating Rooms

The Infinium EDGE 400 is a high frequency electrosurgical generator ideal for monopolar and bipolar surgery with a wide range of high precision applications. The system is engineered to execute minimally invasive surgical procedures with resection, evaporation and coagulation.

The EDGE 400 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.

- Advanced surgeon and patient safety features
- (2) Independent monopolar & bipolar output
- Forced, soft, and spray coagulation
- Enhanced cutting for eschar-free incision with selectable bleed control & slow blend
- Bipolar vessel sealing up to 7mm
- 10 working memory settings
- Monopolar activation with handle and/or pedal
- Digital power regulation and output indicator



INFINIUM[®] Electrosurgery Solutions

EDGE 400 Technical Specifications

Description

Max Output Power Monopolar Pure CUT	400 W – 300 Ω
Max Output Power Monopolar Cut-Coag CUT80%	300 W – 300 Ω
Max Output Power Monopolar Cut-Coag CUT60%	250 W – 300 Ω
Max Output Power Monopolar Cut-Coag CUT40%	200 W – 300 Ω
Max Output Power Monopolar Cut ENHANCED	250 W – 500 Ω
Max Output Power Monopolar Cut-Coag BLEND	250 W – 300 Ω
Max Output Power Monopolar Coag SPEEDY	120 W – 500 Ω
Max Output Power Monopolar Coag DEEP	120 W – 200 Ω
Max Output Power Monopolar Coag SPRAY	120 W – 2000 Ω
Max Output Power Monopolar Coag SPRAY ARGON	120 W – 2000 Ω
Max Output Power Bipolar CUT	120 W – 50 Ω
Max Output Power Bipolar Cut-Coag CUT80%	120 W – 50 Ω
Max Output Power Bipolar Cut-Coag CUT60%	120 W – 50 Ω
Max Output Power Bipolar Cut-Coag CUT40%	100 W – 50 Ω
Max Output Power Bipolar Cut-Coag BLEND	120 W – 150 Ω
Max Output Power Bipolar Coag COAG	120 W – 50 Ω
Vessel Sealing	200 W – 50 Ω
Working Frequency Monopolar / Bipolar	425 KHz / 525 KHz
Patient Circuit	F
Selectable Input Voltage	115 – 230 Vac
Mains Frequency	50 – 60 Hz
Electrical Input Power	1000 VA
Size WxHxD	470x150x400 Mm
Weight	17,5 Kgs

SAFETY

EN60601-1
EN60601-1-2
EN60601-2-2
Electrical Class: I CF
MDR 2017/745/UE Class: II b

CONTROLS

Patient/Plate circuit monitoring
Output power monitoring
Self check control
H.F. Leakage currents control
Compensation of mains fluctuation

EDGE 400



Target Procedures

- General Major Surgery
- Endoscopy & GI
- Urology & TURP
- Gynecology
- Otorhinolaryngology
- Orthopedics
- Pediatric Surgery
- Trauma
- Pneumology
- Vascular



Standard Accessories

Disposable handle with switches (5pcs)	Ball electrode 6 cm (3 pcs)
Reusable handle with switches	Cable for neutral electrode
Blade electrode 7 cm (3 pcs)	Disposable split neutral electrode (5pcs)
Blade electrode 16 cm (3 pcs)	Double water-proof foot-switch (2 pcs)
Needle electrode 7 cm (3 pcs)	Power supply cable 5 mt

