

# EDGE 400 ESU

**INFINIUM<sup>®</sup>**

## 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<sup>®</sup>** Electrosurgery Solutions

# EDGE 400 Technical Specifications

## Description

|   |                       |
|---|-----------------------|
| Max Output Power Monopolar Pure CUT         | 400 W – 300 $\Omega$  |
| Max Output Power Monopolar Cut-Coag CUT80%  | 300 W – 300 $\Omega$  |
| Max Output Power Monopolar Cut-Coag CUT60%  | 250 W – 300 $\Omega$  |
| Max Output Power Monopolar Cut-Coag CUT40%  | 200 W – 300 $\Omega$  |
| Max Output Power Monopolar Cut ENHANCED     | 250 W – 500 $\Omega$  |
| Max Output Power Monopolar Cut-Coag BLEND   | 250 W – 300 $\Omega$  |
| Max Output Power Monopolar Coag SPEEDY      | 120 W – 500 $\Omega$  |
| Max Output Power Monopolar Coag DEEP        | 120 W – 200 $\Omega$  |
| Max Output Power Monopolar Coag SPRAY       | 120 W – 2000 $\Omega$ |
| Max Output Power Monopolar Coag SPRAY ARGON | 120 W – 2000 $\Omega$ |
| Max Output Power Bipolar CUT                | 120 W – 50 $\Omega$   |
| Max Output Power Bipolar Cut-Coag CUT80%    | 120 W – 50 $\Omega$   |
| Max Output Power Bipolar Cut-Coag CUT60%    | 120 W – 50 $\Omega$   |
| Max Output Power Bipolar Cut-Coag CUT40%    | 100 W – 50 $\Omega$   |
| Max Output Power Bipolar Cut-Coag BLEND     | 120 W – 150 $\Omega$  |
| Max Output Power Bipolar Coag COAG          | 120 W – 50 $\Omega$   |
| Vessel Sealing                              | 200 W – 50 $\Omega$   |
| 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                   |

**INFINIUM**<sup>®</sup>

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