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EPSIMED 300-400 HP

High power
monopolar and bipolar
electrosurgical unit



*Performance, usability,
design and reliability*

HIGH PERFORMANCE CAPABILITIES



High power monopolar and bipolar electrosurgical units

Can be used to execute monopolar and bipolar surgery in the many fields of application where it is requested high precision and reliability.

Performance, usability, design and reliability: these are the strengths of the the EPSIMED ELECTROSURGICAL UNITS. A radiofrequency generator suitable for microsurgery and precise surgery in monopolar and bipolar modality.

EPSIMED ELECTROSURGICAL UNITS 300 HP and 400 HP

Enables highly professional surgery with ergonomic and safety solutions. The connection of the neutral electrode is continuously monitored, if a split neutral plate is used, the device will monitor the contact between the patient and the electrode. The possibility to switch the functions and to set the supply of the power from the handpiece allows the execution of interventions without distracting attention from the operating range.



- Multiprogrammable by the user
- Double generator for twin surgical procedure
- High performance capabilities in a multipurpose generator

- 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
- H.F. Leakage currents control
- Compensation of mains fluctuation

Applications

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



Features

TWIN OPERATIVE ACTIVITY

- Two output channels for monopolar cutting.
- Two independent setting and output channels for the most frequent monopolar coagulation

CONTROLLED CUTTING PROCEDURES

- Enhanced cutting current for eschar free incision.
- Cutting current with selectable coagulating property for bleeding controlled dissection.
- Low capacitive coupling by slow BLEND current for endoscopic procedures.

TWIN CONTROLLED COAGULATIVE PROCEDURES

- SPEEDY* coagulation and DEEP** coagulation available to two operators.
- SPRAY coagulation available by hand switch or foot switch controls.
- *SPEEDY coagulation also said Fulgurate or Forced coagulation.
- **DEEP coagulation also said Pin Point, Dessicate or Soft coagulation.



Features

TWIN OPERATIVE ACTIVITY

- Bipolar cutting current with selectable bleeding control. • Slow BLEND cutting current.
- Separately activable Automatic Start/Stop coagulation (Detection system of tissue impedance).

SURGEON AND PATIENT TOTAL SAFETY

- Acceptability of contact impedance between patient body and return electrode continuously watched by Skin Plate Electronic Control (SPEC).
- H.F. Leakage currents continuously monitored.
- Mains fluctuation automatically compensated before starting the delivery of HF power.

PERSONALIZED PROCEDURES

- Independent choice of coagulative currents and power levels by each of two operators.
- Ten personal configurable and immediately recallable procedures.

EXTENTION DRIVER AND INTERLOCK SIGNALS

- Drived output connection to external Argon Plasma unit and Smoke Evacuator unit.



Standard Accessories



TWIN OPERATIVE ACTIVITY

- Automatic diagnostic control of the actual complete functionality of the electronic unit and the connected accessories with coded report of failures.

High Precision and Reliability

Our electrosurgical unit with an artery sealers sutures vessels up to 7 mm, optimizing your procedures with confidence and efficiency.



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
Two pieces of Double water-proof foot-switch