

MONO-BIPOLAR ELECTROSURGICAL UNIT 200W



- OUTPATIENT SURGERY
- ENDOSCOPY
- FIRST AID
- GASTROENTEROLOGY
- GENERAL SURGERY
- GYNAECOLOGY
- NEUROSURGERY
- ORTHOPEDICS
- OTORHINOLARYNGOLOGY
- PEDIATRIC SURGERY
- PLASTIC SURGERY
- PNEUMOLOGY
- UROLOGY
- VASCULAR SURGERY
- VETERINARY

• 30630 DIATERMO MB 200D - 200 W

MB 200D is a high frequency electrocautery equipment suitable for light and medium surgery, allows minimally invasive surgical procedure of resection, evaporation and coagulation. MB 200D 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. Digital reading of delivered power and surveillance through microcontroller of the operational functions, assure absolute reliability of working conditions.

MB 200D allows a highly professional surgery through ergonomic and safety features. The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode. Possibility to control the output functions and the delivery of output power by the handle, allows the surgical operation without diverting attention from the surgical field.

- patient-to-plate contact control
- split return electrode use

STANDARD ACCESSORIES

- MB two-button autoclavable handle (30536)
- Waterproof MB foot-switch (30577)
- MB flat neutral metal plate with cable (30564)
- Kit 10 short standard electrodes, diam. 2.4 mm
- 3 needle + 3 blade + 3 ball electrodes 7 cm
- Power cable 5 m
- Manual: available in GB, IT

- minimally invasive surgical treatment allowed
- monopolar and Bipolar independent output
- auto Start/Stop in Bipolar Coag
- working condition planning
- power delivery by pedal and/or handle
- digital regulation and indication of the output power
- sound level control
- adjustable power increment



TECHNICAL SPECIFICATIONS

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|-----------------------------------|---|
| Maximum output power CUT | 200W - 250Ω |
| Maximum output power ENHANCED | 120W - 250Ω |
| Maximum output power BLEND | 120W - 200Ω |
| Maximum output power FORCED COAG | 150W - 150Ω |
| Maximum output power SOFT COAG | 90W - 100Ω |
| Maximum output power BIPOLAR COAG | 80W - 50Ω |
| Working frequency | 600 kHz |
| Patient circuit | F |
| Mains voltage | 115-230 Vac |
| Mains frequency | 50-60 Hz |
| Electrical input power | 350 VA |
| Size WxHxD mm | 370x144x319 |
| Weight | 6 kgs |
| Controls: | Patient/Plate circuit monitoring, Output power monitoring, Self check control |
| Safety: | EN60601-1, EN60601-2-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b |

DIATERMO MB 200 - MONO-BIPOLAR - 200W



30542

• 30542 DIATERMO MB 200 - 200 W

DIATERMO MB200 is a HF electrocautery unit suitable to perform middle monopolar or bipolar electrocautery. The available waveforms and peak voltage value, as well as the accurate HF leakage current operation for polypectomy, TURP, intrauterine resections, endometriosis excision, etc. The units allow the accurate preset of the output power with as low as 1 Watt resolution and to perform coagulation by high crest factor current, to get an elevated thermal effect, as well as with low voltage low crest factor current, to get coagulation in absence of carbonization. Ten different programs related to ten different operative conditions could be stored and easily recalled by the surgeon. The use of either split or normal neutral plates are allowed. A special electronic circuit (Skin Plate Electronic Control) continuously checks if the plate is safely connected to the patient and detects unwanted short circuit in the connecting cable. An over time warning (OVT) is provided to prevent excessive heating of the tissue around the surgical target due to too long current delivery time.

DIATERMO MB 200 - STANDARD ACCESSORIES

- MB two-button autoclavable handle (30536)
- MB waterproof foot-switch 30577 (usable in alternative to handle)
- MB flat neutral metal plate with cable (30564)
- Kit 10 short standard electrodes, diam. 2.4 mm
- Power cable 2 m
- Manual: available in GB, IT



TECHNICAL SPECIFICATIONS

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|---------------------------------------|---------|------|--------------|-----|--|--------------------|
| Maximum output power CUT (W) | 200 | 250Ω | Crest factor | 1.5 | Weight kg | 8 |
| Maximum output power CUT 90% (W) | 200 | 250Ω | | 1.6 | Size LxHxD mm | 360x150x265 |
| Maximum output power CUT 80% (W) | 200 | 250Ω | | 1.7 | Selectable mains power(Vac) | 115 -230 |
| Maximum output power CUT 70% (W) | 200 | 250Ω | | 1.8 | Mains frequency (Hz) | 50-60 |
| Maximum output power BLEND (W) | 120 | 200Ω | | 2.1 | Fuses 115Vac - 230Vac (5x20) TIMED | 2x 6.3A - 2x 3.15A |
| Maximum output power COAG FORCED (W) | 150 | 150Ω | | 2.0 | Power accuracy output warning system | • |
| Maximum output power COAG SOFT (W) | 90 | 100Ω | | 1.7 | Split or not split patient plate allowed | • |
| Maximum output power BIPOLAR COAG (W) | 100 | 100Ω | | 1.5 | Electrical Class (EN60601 - 1) | I CF |
| Maximum output power BIPOLAR CUT (W) | 120 | 250Ω | | 1.5 | MDD 93/42/EEC Class | II b |
| Working frequency | 600 kHz | | | 1.5 | Patient circuit | F |
| | | | | | Duty cycle (action/pause) in seconds | 10/30 |