

# 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

MADE IN ITALY

## • 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

### STANDARD ACCESSORIES

- MB two-button autoclavable handle (30536)
- MB waterproof foot-switch (30577)
- Flex steel neutral plate with cable (30555 + 30560)
- Kit 10 short standard electrodes, Ø 2.4 mm (30500)
- 3 needle + 3 blade + 3 ball electrodes 7 cm
- Power cable 5 m
- Manual: available in GB, IT

- split return electrode use
- 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

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, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b

# DIATERMO MB 200 - MONO-BIPOLAR - 200W



30542



MADE IN ITALY

### 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, Ø 2.4 mm (30500)
- Power cable 2 m
- Manual: available in GB, IT

## • 30542 DIATERMO MB 200 - 200 W

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 allows use 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.

### TECHNICAL SPECIFICATIONS

Maximum output power CUT (W)	200	250Ω	Crest factor	Weight kg	8
Maximum output power CUT 90% (W)	200	250Ω	1.5	Size LxHxD mm	360x150x265
Maximum output power CUT 80% (W)	200	250Ω	1.6	Selectable mains power(Vac)	115 -230
Maximum output power CUT 70% (W)	200	250Ω	1.7	Mains frequency (Hz)	50-60
Maximum output power BLEND (W)	120	200Ω	1.8	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			Patient circuit	F
				Duty cycle (action/pause) in seconds	10/30