

## DIATERMO MB 122 AND MB 160 MONO-BIPOLAR - 120 W - 160 W



- 30540 DIATERMO MB 122 - mono-bipolar - 120 W
  - 30541 DIATERMO MB 160 - mono-bipolar - 160 W
- MB 122 and 160 are HF electrocautery units suitable to perform middle monopolar or bipolar electrocautery. By selection of the modes of operation they provide pure cut, coagulated cut, forced coagulation, soft coagulation and, with forceps, bipolar coagulation. The use of either split or normal neutral plate is allowed. MB 160 is recommended in case of damp operational fields, for instance mucous, with consequent need to have reserve of usable power. For these reasons, MB 160 is suggested for Gynecological and orthopedic surgery.
- Leading-Edge Technology.** This advanced concept device enables highly professional surgery intervention thanks to ergonomic and safety features derived from high power theatre apparatus.
- Complete safety.** Open Circuit (OC) Alarm warns the user that connection into the neutral plate has not been made or that the cable is disconnected or the neutral plate is not in contact with the patient. The alarm is signaled by an intermittent beep together with a flashing red light on the front panel. In this case HF emission for cut and coagulation operation is switched off.
- OVT Alarm.** The unit includes an internal circuit protection warning when the current delivery is exceeding.

### STANDARD ACCESSORIES

- MB single-use two button handle
- MB waterproof foot-switch 30577 (usable as alternative to handle)
- MB flat neutral plate with cable 30564
- Power cable 2 m
- Kit of 6 (MB 122) or 10 (MB 160) short autoclavable electrodes, Ø 2.4 mm
- User manual: available in GB, ES, IT, FR, PL

### TECHNICAL SPECIFICATIONS

	MB122	MB160	Crest Factor
Minimum preselectable power	0	0	
Level step	1	1	
Maximum output power CUT (W)	120 250Ω	160 250Ω	1.5
Maximum output power BLEND (W)	90 200Ω	120 200Ω	2.1
Maximum output power COAG FORCED (W)	80 150Ω	100 150Ω	2.0
Maximum output power COAG SOFT (W)	60 100Ω	80 100Ω	1.7
Maximum output power BIPOLAR (W)	40 100Ω	60 100Ω	1.5
Working frequency	600 kHz	600 kHz	
Weight kg	7	7	
Size LxHxD mm	260x110x265	260x110x265	
Operating voltage (switchable)	115 -230	115 -230	
Mains frequency (Hz)	50-60	50-60	
Fuses 230Vac (5x20) TIMED	2x 3.15A	2x 3.15A	
Fuses 115Vac (5x20) TIMED	2x 6.3A	2x 6.3A	
Electrical input power (VA)	300	350	
Electrical input current (230 Vac) (A)	1.3	1.5	
Electrical input current (115 Vac) (A)	2.6	3	
Five steps adjustable sound level (from 55 to 75dBA)	•	•	
Self-check	•	•	
Power accuracy output warning	•	•	
Split or not split patient plate allowed	•	•	
Last working condition storing	•	•	
Electrical Class (EN60601 - 1)	I CF	I CF	
MDD 93/42/EEC Class	II b	II b	
Patient circuit	F	F	

## MONOPOLAR ELECTROSURGERY UNIT - 50 W



- 30516 DIATERMO 106 - 50W - monopolar

This HF electrocautery unit is particularly suitable for small operations and is recommended for dentistry, first aid and dermatology work. It offers precision of cut and immediate coagulation and give excellent results in a wide range of applications: from uterine coagulation to microcoagulation in dermatology. The modes of operation, CUT, COAG or BLEND,



### TECHNICAL SPECIFICATIONS

Output power: CUT	50 W/400 ohm
COAG	40 W/400 ohm
BLEND	45 W/400 ohm
Working frequency:	600 kHz ±10%
Size:	180x180x100 mm
Weight:	2.8 kg
Operating Voltage:	115/230 V - 50/60 Hz switchable
Electric input power:	90 VA
Fuse:	2x1 AT
Alarm for overheating	
Footswitch operating	
Norms:	EN60601-1 Class I CF, EN60601-2-2 93/42/EEC (Class IIb)

### STANDARD ACCESSORIES

- KIRKY single-use handle without buttons
- MB waterproof foot-switch (30577)
- Flat neutral plate with cable (30564)
- Kit of 6 short autoclavable electrodes, Ø 2.4 mm, length 5 cm
- Power cable 2 m - Schuko plug
- User manual: available in GB, IT, ES, FR

can be easily selected by a switch on the front panel. The complete isolation between patient and the unit and strict respect of international norms guarantee total safety.