

DIATERMO MB 122 AND MB 160 MONO-BIPOLAR

-120W-160W



- 30538 DIATERMO MB 122 VALUE * - mono-bipolar - 120 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 operative foot-switch 30577 (usable as alternative to handle) (30540-1 only)
- MB fl at neutral plate with cable 30564 (30540-1 only) Power cable 2 m
- Kit of 6 (MB 122) or 10 (MB 160) short autoclavable electrodes, diam. 2.4 mm
- User manual: available in GB, ES, IT, FR, PL

*Does not include foot switch and MB fl at neutral plate with cable

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		