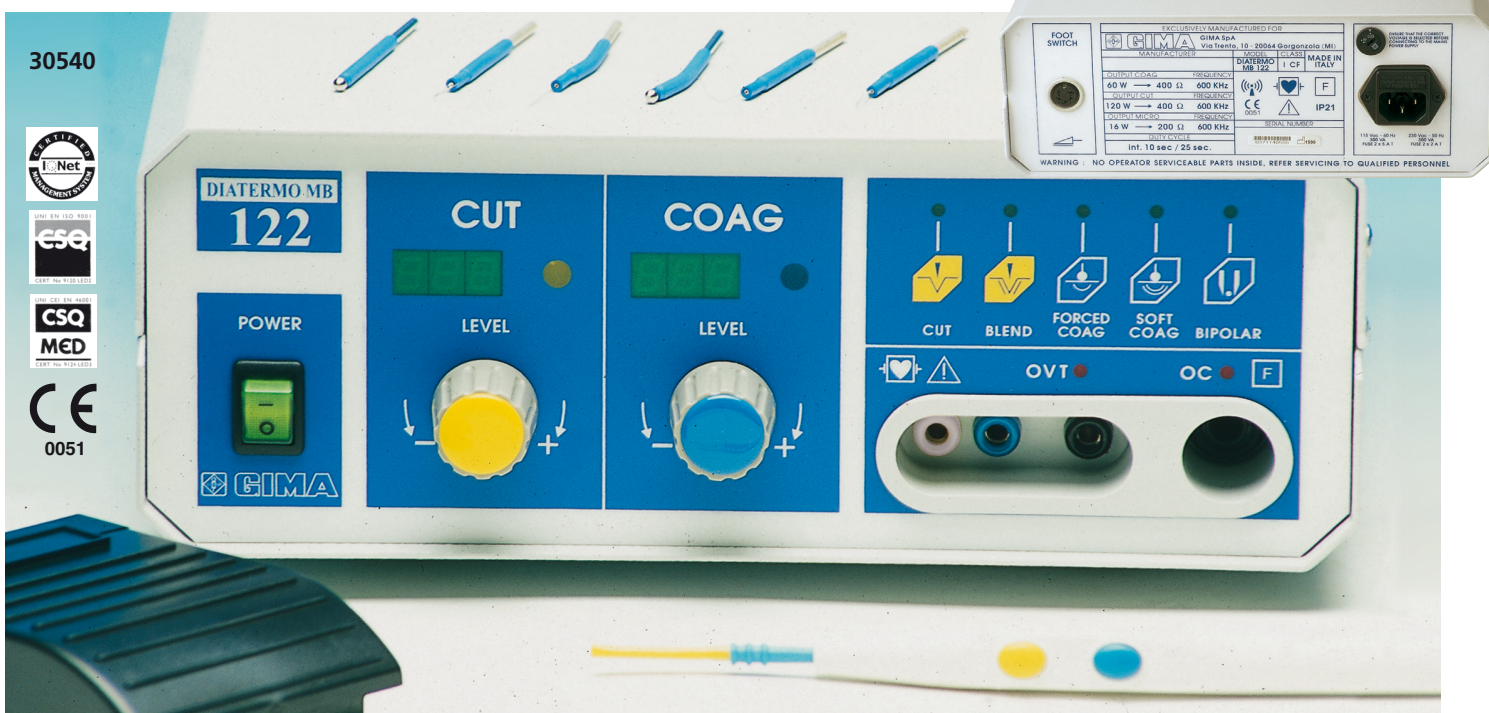


DIATERMO MB 122 AND MB 160 MONO-BIPOLAR - 120W - 160W



- 30540 DIATERMO MB 122 - mono-bipolar - 120 W
 - 30541 DIATERMO MB 160 - mono-bipolar - 160 W
- MB 122 and 160 are HF electro-surgical units suitable to perform middle monopolar or bipolar electro-surgery.

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 operational fields damp for instance mucous, or tissue whose composition is varying, 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 signalled 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 lasts too much.

- 27139 DIATERMO NYLON BAG - black See page 31

Diatermo MB 122 - MB 160 standard accessories

- MB single-use two button handles
- MB operative foot-switch (usable as alternative to handle)
- MB flat neutral plate Power cable 2 m
- Kit of 6 short autoclavable electrodes, diam. 2.4 mm.
- User manual: available in English, Spanish, Italian, French, Polish

TECHNICAL SPECIFICATIONS

	MB122		MB160	
Minimum preselectable power	0		0	
Level step	1		1	
Maximum output power CUT (W)	120	250Ω	160	250Ω
Maximum output power BLEND (W)	90	200Ω	120	200Ω
Maximum output power COAG FORCED (W)	80	150Ω	100	150Ω
Maximum output power COAG SOFT (W)	60	100Ω	80	100Ω
Maximum output power BIPOLAR (W)	40	100Ω	60	100Ω
Crest Factor CUT	1.5		1.5	
Crest Factor BLEND	2.1		2.1	
Crest Factor COAG FORCED	2.0		2.0	
Crest Factor COAG SOFT	1.7		1.7	
Crest Factor BIPOLAR	1.5		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 (230Vac) (A)	1.3		1.5	
Electrical input current (115Vac) (A)	2.6		3	
Five steps adjustable sound level (from 55- to 75dB)	•		•	
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	
Conform to EN60601-1-4 (1998)	•		•	

FOOTSWITCHES AND BOARD

GIMA code	FOOTSWITCHES FOR MB 122, 132, 160, 200, 202
30568	Standard footswitch - 2 m cable
30576	Standard footswitch - 3 m cable
30571	Waterproof MB footswitch - 2m cable
30570	Double MB footswitch - antiexplosion, water proof
FOOTSWITCHES FOR MB 240, 250, 380, 400	
30569	Double antiexplosion, water proof footswitch - MB240-380
30572	Double antiexplosion, water proof footswitch - MB250-400
MAIN BOARD	
30557	Main board - specify model and serial number of diatermo with order
30558	Output board for MB 240, 250, 380, 400 - specify as above



It allows selection from pedal of CUT and COAG functions
Antiexplosion and waterproof.