

# HOSPITAL HF ELECTROSURGICAL UNITS 240 AND 380 WATT



**30690** CONTEMPORARY DUAL MODE MB 240 and 380 can be used in the same time in monopolar mode (by handle) and bipolar mode (by footswitch)  
 A special electronic circuit (Skin Plate Electronic Control) continuously warns the plate to patient contact safety and unwanted short circuit in the connecting cable

- 30690 DIATERMO MB 240
- 30692 DIATERMO MB 380



These HF electrocautery units can be used to execute monopolar and bipolar surgery when high precision and reliability are essential, as in the endoscopic surgery.

**EASY TO USE**  
 Graphic icons allow an easy selection of the operation mode. All operating conditions and selected output controls are represented by bright digital indications.

**CUT**  
 The monopolar cut can be performed by pure sine current to obtain an incision with a minimum damage for the adjacent tissues and sure recovery for first intention. Two different modes of modulation allow to reduce bleeding during monopolar cut. In the bipolar mode the cut can be effected by pure sine current.

**HEMOSTASIS**  
 When the surgical action requires the obliteration of a blood vessel the availability of currents with different coagulative powers enables this type of work both with monopolar and bipolar surgery.

**FULGURATION**  
 When it is necessary to cause a superficial necrosis of wide areas, protecting the deeper tissues, a special coagulant current that dehydrates the superficial layer of the tissue and reduces the possibility to damage those beneath is available for the operation.

**OUTPUT CONTROL**  
 Output power levels are adjustable through incremental

encoders that allow the exact pre-sets and repetition of the values. The output function is linearized and controlled by ultra-modern electronic micro-controllers which will interrupt power if any alarm condition happens.

**SAFETY OF USE**  
 Circuits dedicated to the safety of operator and patient are the priority. This ensure the leakage current is kept well under the international requirements values, whatever the output condition. Monopolar and bipolar output circuits are completely floating and the use of the defibrillator is allowed while the reference plate patient is connected.

**RELIABILITY**  
 DIATERMO MB uses all solid state electronic circuits and is made with interchangeable units for a fast and effective maintenance. Automatic control circuits protect the units from damage also in case of repeated improper use.



TECHNICAL SPECIFICATIONS DIATERMO MB 240/DIATERMO MB 380					
<b>Activation devices</b>					
Bipolar: footswitch		Working frequency	Max power	Peak to peak voltage	Load resistance
Dual: bipolar - footswitch monopolar - manual		475 kHz	240/MB 380		
Monopolar: footswitch manual	Monopolar output				
Mains: 115/230 Vac 50-60 Hz	Cut output		250W/375W	1.4 kV	300 Ohm
Absorption: 800 VA	Cut/coag 1 output		225W/340W	1.4 kV	300 Ohm
Class I CF	Cut/coag 2 output		200W/300W	1.4 kV	300 Ohm
Weight: 15 kg	Coag 1 output		150W/225W	1.4 kV	300 Ohm
Size: 370x470x150 mm	Coag 2 output		100W/150W	1.4 kV	300 Ohm
Warranty: 12 months (accessories not included)	Coag 3 output (spray)		80W	4.2 kV	2000 Ohm
Norms: IEC 601-2-2 - IEC 601-1 CE, 93/42/EEC	Bipolar output	525 kHz			
	Cut output		90W	0.5 kV	100 Ohm
	Coag output		80W	0.5 kV	100 Ohm

- STANDARD ACCESSORIES**
- 1 - Power supply cord SIEM-CEE 5 m
  - 1 - Two-button autoclavable handle (30536)
  - 5 - Two-button single use handle
  - 1 - Cable for disposable plate
  - 5 - Disposable plate
  - 1 - Water proof double foot switch
  - 3 - Short, general surgery blade electrode
  - 3 - Long, general surgery blade electrode
  - 3 - Short, general surgery needle electrode
  - 3 - Short, general surgery ball electrode
  - 1 - User manual (IT, GB, ES)
  - 1 - Service manual (IT, GB)

## LAPAROSCOPIC ELECTRODES

	<b>30605</b>	Laparoscopic electrodes without suction for use with Diatermo MB 240/250/300/380/400 with connecting cable 4 mm (30609)	<b>GIMA code</b>	<b>LAPAROSCOPIC ELECTRODES</b>
	<b>30606</b>		<b>30605</b>	L-Hook electrode - 36 cm
	<b>30607</b>		<b>30606</b>	J-Hook electrode - 36 cm
	<b>30609</b>		<b>30607</b>	Spatula electrode - 36 cm
	<b>30605</b>		<b>30609</b>	Monopolar cable - 4 mm - M - F

To generator