

# HIGH POWER ELECTROSURGICAL UNITS 300 AND 400 WATT



30635

- 30634 DIATERMO MB 300D
- 30635 DIATERMO MB 400D

DIATERMO MB300D and MB400D are high frequency electro-surgical equipments suitable to deliver current for monopolar cut and coagulated cut (with different levels of coagulation), bipolar cut and coagulation.

**TWIN OPERATIVE ACTIVITY**

- two output channels for monopolar cutting
- two independent setting and output channels for the most frequent monopolar coagulation

**CONTROLLED CUTTING PROCEDURES**

- enhanced cutting current for eschar free incision
- cutting current with selectable coagulating property for bleeding controlled dissection
- low capacitive coupling by slow BLEND current for endoscopic procedures

**TWIN CONTROLLED COAGULATION PROCEDURES**

- SPEEDY coagulation and DEEP coagulation available to two operators
- SPRAY coagulation by hand switch or foot switch controls

**EXTENSIVE BIPOLAR FEATURES**

- bipolar cutting current with selectable bleeding control
- slow BLEND cutting current

- automatic Start/Stop coagulation functions

**SURGEON AND PATIENT TOTAL SAFETY**

- acceptability of contact impedance between patient body and return electrode continuously monitored by Skin Plate Electronic Control (SPEC)
- H.F. Leakage currents continuously monitored

- mains fluctuation automatically compensated before delivery of HF power

**PERSONALIZED PROCEDURES**

- independent choice of coagulation currents and power levels by each of two operators
- up to 10 procedures can be configured and re-called

**EXTENSION DRIVER AND INTERLOCK SIGNALS**

- driven output connection to external Argon Plasma unit and Smoke Evacuator unit

**AUTOMATIC SELF DIAGNOSIS**

- automatic diagnostic control of the complete functionality of electronic unit and connected accessories with coded report of failures



30634

SUITABLE IN:  
 OUTPATIENT SURGERY  
 GENERAL SURGERY  
 PAEDIATRIC SURGERY  
 PLASTIC SURGERY  
 THORAX SURGERY  
 VASCULAR SURGERY  
 DERMATOLOGY  
 ENDOSCOPY  
 GASTROENTEROLOGY  
 GYNAECOLOGY  
 NEUROSURGERY  
 ORTHOPEDICS  
 OTORHINOLARYNGOLOGY  
 PNEUMOLOGY  
 UROLOGY  
 VETERINARY

**STANDARD ACCESSORIES**

- 1 - Power supply cord 5 m
- 1 - Two-button autoclavable handle (30536)
- 5 - Two-button cold sterilizable handle (30551)
- 1 - Cable for flat plate (30559)
- 5 - Rem disposable ground pads (30493)
- 2 - HP double Water proof foot switch
- 3 - Short, general surgery blade electrode 7 cm
- 3 - Long, general surgery blade electrode 16 cm
- 3 - Short, general surgery ball electrode Ø 4 mm, 6 cm
- 1 - Electrode brush
- 1 - User manual (IT, GB)
- 1 - Service manual (IT, GB)

**TECHNICAL SPECIFICATIONS MB300/MB400**

	MB 300	MB 400
Maximum out power monopolar pure CUT	300 W - 300 Ω	400 W - 300 Ω
Maximum out power monopolar cut-coag CUT80%	250 W - 300 Ω	350 W - 300 Ω
Maximum out power monopolar cut-coag CUT60%	200 W - 300 Ω	250 W - 300 Ω
Maximum out power monopolar cut-coag CUT40%	150 W - 300 Ω	200 W - 300 Ω
Maximum out power monopolar cut ENHANCED	200 W - 500 Ω	250 W - 500 Ω
Maximum out power monopolar cut-coag BLEND	200 W - 300 Ω	250 W - 300 Ω
Maximum out power monopolar coag SPEEDY	100 W - 500 Ω	120 W - 500 Ω
Maximum out power monopolar coag DEEP	100 W - 200 Ω	120 W - 200 Ω
Maximum out power monopolar coag SPRAY	70 W - 2000 Ω	100 W - 2000 Ω
Maximum out power monopolar coag SPRAY ARGON	70 W - 2000 Ω	100 W - 2000 Ω
Maximum out power bipolar CUT	95 W - 150 Ω	95 W - 150 Ω
Maximum out power bipolar cut-coag CUT80%	95 W - 150 Ω	95 W - 150 Ω
Maximum out power bipolar cut-coag CUT60%	95 W - 150 Ω	95 W - 150 Ω
Maximum out power bipolar cut-coag CUT40%	60 W - 150 Ω	60 W - 150 Ω
Maximum out power bipolar cut-coag BLEND	90 W - 150 Ω	90 W - 150 Ω
Maximum out power bipolar cut-coag BLEND	70 W - 100 Ω	70 W - 100 Ω
Working frequency monopolar / bipolar	425 kHz / 525 kHz	425 kHz / 525 kHz
Patient circuit	F	F
Selectable input voltage	115-230 Vac	115-230 Vac
Mains frequency	50-60 Hz	50-60 Hz
Electrical input voltage	1000 VA	1000 VA
Size WxHxD mm	470x150x400	470x150x400
Weight	17.5 Kgs	17.5 Kgs
Controls: Patient/Plate circuit monitoring, Output power monitoring, Self check control		
Safety: EN60601-1, EN60601-1-2, EN60601-2-2, Electrical Class: I CF, MDD 93/42/EC Class: II b		

