

# MB 200 TOUCH MONO-BIPOLAR ELECTROSURGICAL UNIT 200W

**• 30693 DIATERMO MB 200 T - 200W**

High Frequency electrosurgical equipment suitable for precision mono and bipolar surgery and micro-surgery, without tissue alterations. It can also supply HF operative powers for programmable time as short as hundredths of a second. The unit allows pure CUT, cut-coagulation BLEND, incision with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG, bipolar CUT, COAG and SEALING, FULGURATION.

The digital reading of delivered power and the operational functions overseen through microcontroller, assure absolute reliability of work conditions. Diatermo MB 200 T allows a highly professional surgery due to user-friendly and safety solutions normally used.

The neutral electrode and patient/plate safety control are constantly monitored. The possibility of output functions and output power delivery control, by handle, allows to perform surgery avoiding the surgeon to take his eyes off the operational field.

**Software**

Developed to provide a simple, functional and intuitive work experience. Through one finger touch, you can customize screen, work settings, change cut or coagulation power and manage each device function.

- STANDARD ACCESSORIES**
- Flex steel neutral plate with cable (30555+30560)
  - Kit 10 short standard electrodes Ø 2.4 mm (30500)
  - Power cable 5 m
  - Holder for handle and electrodes
  - Reusable handle with switches (30536)
  - Waterproof footswitch (30577)



30693

CASUALTY (R)	NEUROSURGERY (R)	PNEUMOLOGY (R)
ENDOSCOPY (R)	ORTHOPAEDICS (U)	TRANS URETHRAL RESECTION TUR (U)
FIRST AID (R)	OTORHINOLARYNGOLOGY (R)	UROLOGY (R)
GASTROENTEROLOGY (R)	PAEDIATRIC SURGERY (U)	VASCULAR SURGERY (R)
GENERAL SURGERY (U)	PLASTIC SURGERY (U)	VETERINARY (R)
GYNECOLOGY (R)		

R = recommended U = usable



MADE IN ITALY

**TECHNICAL SPECIFICATIONS**

<b>Max power:</b>			
PURE CUT	200 W - 300 Ω	FULGURATION	100 W - 1000 Ω
BLEND	150 W - 300 Ω	BIPOLAR SEALING	200 W - 50 Ω
ENHANCED	150 W - 300 Ω	BIPOLAR COAG	120 W - 50 Ω
FORCED COAG	150 W - 200 Ω	BIPOLAR CUT	120 W - 50 Ω
SOFT COAG	100 W - 200 Ω		

RF power pulse: emission time 10 ms - 30 sec, interval 1-30 F  
 Patient circuit:  
 Selectable input voltage: 100 - 240 Vac - 750 VA  
 Working frequency: 360 kHz  
 Size (WxHxD) - Weight: 370x145x300 mm - 6 kg  
 Controls: Patient/Plate circuit monitoring  
 Output power monitoring, Self check control  
 EN60601-1; EN60601-1-2; EN60601-2-2  
 Safety: I CF MDD 93/42 / EC: II b  
 Electrical classification:

# MONO-BIPOLAR ELECTROSURGICAL UNITS 120W AND 200W



**• 30631 DIATERMO MB 120 FLASH**      **30631**  
**• 30633 DIATERMO MB 200 FLASH**

Professional High Frequency ElectroSurgical equipment suitable for precision monopolar and bipolar surgery and micro-surgery without tissue alterations. Surgical treatments with programmable timer operations up to milliseconds or with traditional mode. MB FLASH allow pure CUT, cut-coagulation BLEND, incision

**TECHNICAL SPECIFICATIONS**

	MB 120F	MB 200F
Max output power CUT	120 W-250 Ω	200 W-250 Ω
Max output power BLEND	90 W-200 Ω	120 W-200 Ω
Max output power ENHANCED	90 W-250 Ω	120 W-250 Ω
Max output power FORCED COAG	80 W-150 Ω	150 W-150 Ω
Max output power SOFT COAG	60 W-100 Ω	90 W-100 Ω
Max output power BIPOLAR COAG	60 W-50 Ω	80 W-50 Ω
Working frequency	600 kHz	600 kHz
RF power pulse emission time	10ms - 30sec	10ms - 30sec
RF power pulse interval	1 - 9	1 - 9
Patient circuit	F	F
Selectable input voltage	115 - 230 Vac	115 - 230 Vac
Mains frequency	50 - 60 Hz	50 - 60 Hz
Electrical input power	300 VA	350 VA
Size WxHxD mm	370x144x319	370x144x319
Weight	6 kg	6 kg
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		

OUTPATIENT SURGERY	PEDIATRIC SURGERY**	PODIATRY**
DERMATOLOGY	FIRST AID	PNEUMOLOGY**
VASCULAR SURGERY	PLASTIC SURGERY**	UROLOGY**
GYNECOLOGY	ENDOSCOPY	VETERINARY
DENTAL*	OPHTHALMOLOGY	GASTROENTEROLOGY
OTORHINOLARYNGOLOGY	NEUROSURGERY**	ORTHOPAEDICS**

\*Diatermo MB 120 only      \*\*Diatermo MB 200 only

MADE IN ITALY

with reduced production of eschar ENHANCED, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and BIPOLAR coagulation.

Digital reading of delivered power and the surveillance through microcontroller of the operational functions, assure absolute reliability of the working conditions. Connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode. Possibility to control the output functions and the delivery of output power by handle, allows surgical operation without diverting attention from the surgical field.

- Features:
- patient to plate contact control
  - split return electrode use allowed
  - minimally invasive surgical treatment allowed
  - monopolar and Bipolar independent output
  - auto Start/Stop in Bipolar Coag
  - working condition planning
  - power delivery by pedal and/or handle
  - digital regulation and indication of the output power
  - sound level control
  - adjustable power increment
  - RF power pulse emission time setting and interval setting

**STANDARD ACCESSORIES**

MB two-button autoclave handle (30536)	2 disposable rem ground pads (30493)
Flex steel neutral plate with cable (30555-30560)	Power cable 5m
MB waterproof footswitch (30577)	Microsurgery handle (30552)
Kit 10 short standard electrodes Ø 2.4 mm	Microsurgery needles 10 pieces
3 needle + 3 blade + 3 ball electrodes 7 cm	Manual: GB, IT

