

SMT BM M PF



ISO 13485:2012

CE 1014

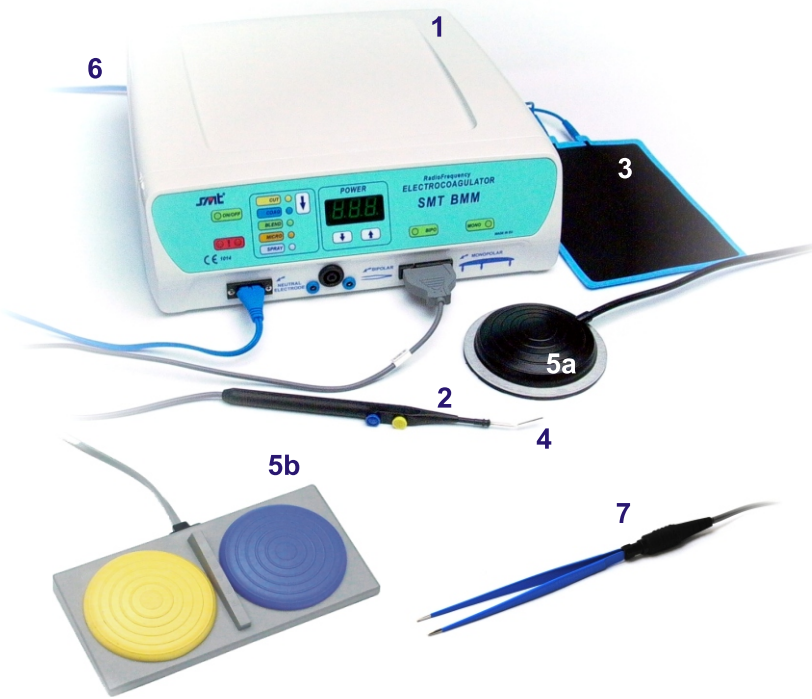
**The most powerful
digital HF/RF Electrosurgery System
- controlled by Microprocessor -**

SMT BM M PF

Mini	150W
Minor	200W
Media	250W
Megan	300W
Major	350W
Maxim	400W

The newest SMT HF/RF generators are the most modern electrosurgical systems of their kind. With their built-in hardware and software, they offer a wider possibility of clinical use in all medical branches, where ELECTROSURGERY has already been established. The power of bipolar modes Cut, Coagulation, and Blend reaches 340 Watts now! SMT BM M PF is not limited by working time.









Basic Equipment of SMT BM M PF Systems






1. Electrosurgical unit with digital display
2. Handpiece CUT/COAG (applicator)
3. Patient neutral electrode (silicone and/or 10 disposable ones) + cable
4. Six operating tools
- 5a. Single foot switch (pneumatic)
- 5b. Double foot switch (pneumatic)
6. Power cord
7. Bipolar set: Bipolar Forceps + cable

Monopolar and Bipolar Accessories

Special Medical Technology offers wide range of Monopolar and Bipolar accessories, as mentioned below:

MONO	
Scalpels 	Reusable neutral electrodes 
Loops 	Disposable neutral electrodes 
Balls 	Needle holder for epilation 
Needles 	Handpieces 

BIPO
Endoscopic instruments 
Biclamp Artery Sealer 
Artery Sealer 
Bipolar Forceps 

SMT BM M PF

SMT BM M PF is a new digital line of Radiofrequency - Highfrequency Electrosurgery systems - made in the Czech Republic, Europe with CE mark and ISO certification.

The device provides maximum technical characteristics with minimal dimensions and weight which fulfill all clinical requirements, including endoscopic procedures in Saline. HF/RF generator is directed by a built-in microprocessor which controls the whole system and checks it 150 times per second. This ensures maximal safety of each patient.

SMT BM M PF is suitable for all types of surgical operations in open surgery and endoscopy. It can use MONOPOLAR and/or BIPOLAR mode with seven working outputs (Cut, Coagulation ...) for each mode. Now, bipolar mode can be upgraded for one extra additional output SAL, which is made for operation under the water (in Saline) such as TURiS, TCRiS etc.

Monopolar outputs CUT and COAGULATION can be controlled by hand switch on the ESU Pencil or by pneumatic double footswitch. The other mono functions plus all bipo functions are controlled by pneumatic single foot switch, including monopolar CUT and COAG.

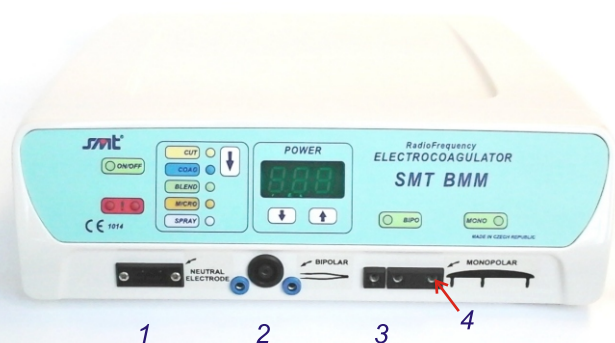
The power in Watts is indicated at the digital display and it's automatically kept on the preselected rate, despite the changing impedance of the patient. The preset power is same even if the unit is switched OFF and ON.

All active electrodes (6 pieces of monopolar tools and bipolar forceps) which are part of the basic accessories can be sterilized. Manufacturer recommends autoclave, temperature 121°C for 20 minutes. Monopolar tools have a fixative diameter 2, 4 mm.

BM M Trolley SMT PF



BM M PF Front panel



- 1 - Patient neutral electrode
- 2 - Bipolar output - coaxial or two bananas plug
- 3 - Monopolar output for hand switch (3pin)
- 4 - Monopolar output for one banana cable

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