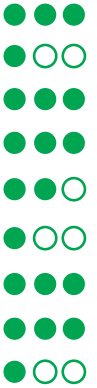


HBS100

AMETOM HBS100 is a compact electrosurgical device that can be used in almost all surgical specialties. The device is suitable for ambulatory and clinical use. The maximum output power is 100W, both in monopolar and bipolar operation. The selection of modes and power is through the function keys, and the indication is LED.



- Gynecology
- General surgery
- ENT
- Dermatology
- Neurosurgery
- laparoscopic surgery
- Plastic surgery
- Vascular surgery
- Veterinary medicine



- Monopolar multifunctional output for standard - Valeylab and Martin/Berchtold plugs.
- Activation via electrode handle and footswitch.

Monopolar cut



Pure Cut



Blend Cut

Monopolar coagulation



Soft Coagulation



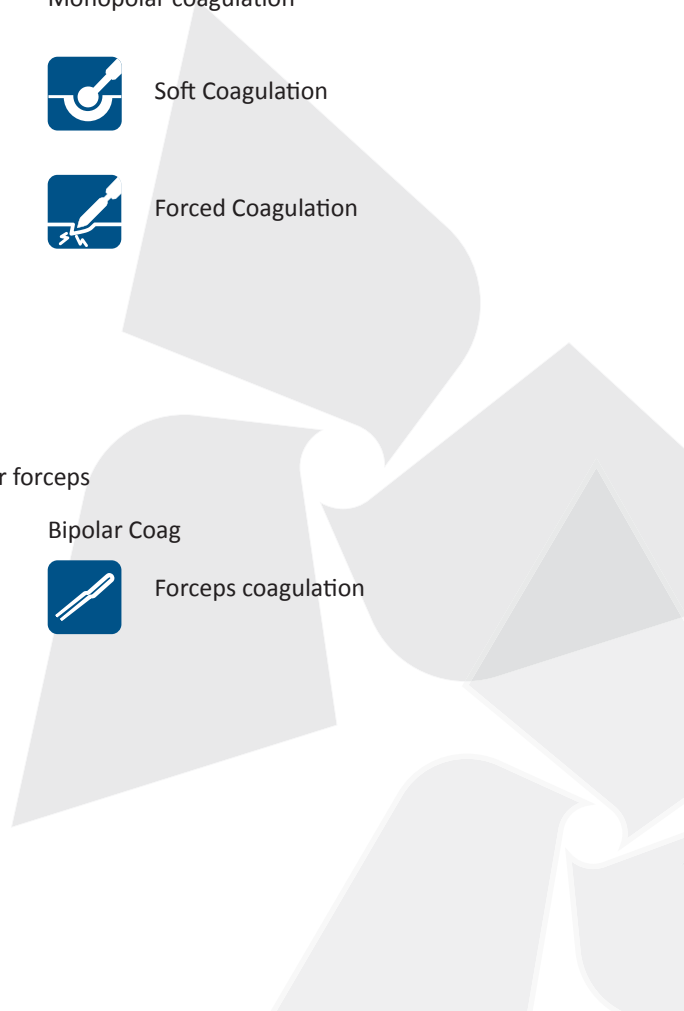
Forced Coagulation

- Bipolar output for standard- Valeylab and Martin/Berchtold plugs
- Activation via footswitch and an option for automatic start via bipolar forceps

Bipolar Coag



Forceps coagulation



Technical data

Mains connection

Power supply	100-260 Vac, 50-60 Hz
Power consumption – max.	160 VA (100Vac, PF=1,0); 150 VA (230Vac, PF=0,99)
Loading ratio	10 s/30 s (activation/pause)
Mains fuses	2 x T 6,3 A (inert)

HF outputs and types of currents

Nominal frequency	500kHz
Voltage form	- Non modulated, sine wave - Modulated with 33kHz, sine wave
Crest factor (the ratio between amplitude voltage to effective voltage)	1,41 - 3,5 depending on the mode
Maximal HF voltage	1560 Vss (peak to peak) 223 Veff (effective)
Maximal HF power	Monopolar cutting 100W/500Ω Monopolar coagulation 100W/500Ω Bipolar coagulation 100W/100Ω

Safety

Classification according to EU 93/42/EWG	II b
Type of construction according to	EN 60601-1
Safety class	I
Type	CF
Earthing	Yes
Connection of neutral electrode	Floating output
Monitoring for incorrect power dosage in the patient circuit and preventive HF generator switch off	Yes
Fail-safe monitoring and automatic HF power switch off	Yes

Dimensions and weight

Length x width x height 370 x 315 x 145 mm
Weight 7 kg