

electrosurgery

a compact solution for private practice



ES120

Electrosurgical device

ES120 is an electrosurgical device which uses high-frequency current flow for cutting and coagulating skin lesions.

Versatility of application

The unit allows to perform procedures in monopolar and bipolar modes. It excels in small surgical, gynecological, stomatological field and many others.

Automatic power regulation

The device features fully automatic adjustment of power output based on real-time monitoring of working parameters. Desired effect on tissue is repeatedly consistent in every working conditions.

Comfort

Small size and aesthetic design of ES120 along with its reliability and easy to use features ensure the highest comfort of work.

Safety

Start-up AutoTest of generator and plugged-in accessories as well as NEM system ensures maximum safety both for an operator and a patient.

Output configuration

ES120 is equipped with two 6-pin (SDS) outputs or standard 3-pin monopolar and 2-pin bipolar outputs.

Areas of applications:

- small surgical procedures
- oncology (skin lesions removal, samples for tests)
- gynecology
- laryngology
- dentistry

Advantages of ES120:

- small size and aesthetic design
- efficiency
- precision
- low operating costs





Electrosurgical unit ES120

Small size	SAFETY FEATURES	
Monopolar and bipolar modes	Protection against electric shock:	I
Recognition of the footswitch	Class	CF
Separate bipolar panel	Grade	according to IEC 60601-1
Automatic power regulation	Low-frequency leakage currents	according to IEC 60601-2-2
	High-frequency leakage currents	333 [kHz]
	Generator operation frequency	wg EN 60601-1
	Defibrillation impulse resistance	neutral electrode control automatic
	NEM System	self-test of generator and accessories
	AUTOTEST	after switching the power on,
		service codes display
	OVERLOAD	generator overload protection
	CUTTING	
	Pure monopolar cutting	120 [W] for 300 [Ω]
	Blend monopolar cutting	120 [W] for 300 [Ω]
	COAGULATION	
	Soft monopolar coagulation	120 [W] for 50 [Ω]
	Forced monopolar coagulation	120 [W] for 300 [Ω]
	Bipolar coagulation	120 [W] for 50 [Ω]
	WEIGHT AND DIMENSIONS	
	Length	330 [mm]
	Width	285 [mm]
	Height	105 [mm]
	Weight	3,5 [kg]
	POWER SUPPLY	
	Supply voltage	220-240 [V] +/- 10% 50/60 [Hz] or 110-120 [V] +/- 10% 50/60 [Hz]
	Rated power input	480 [VA]



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