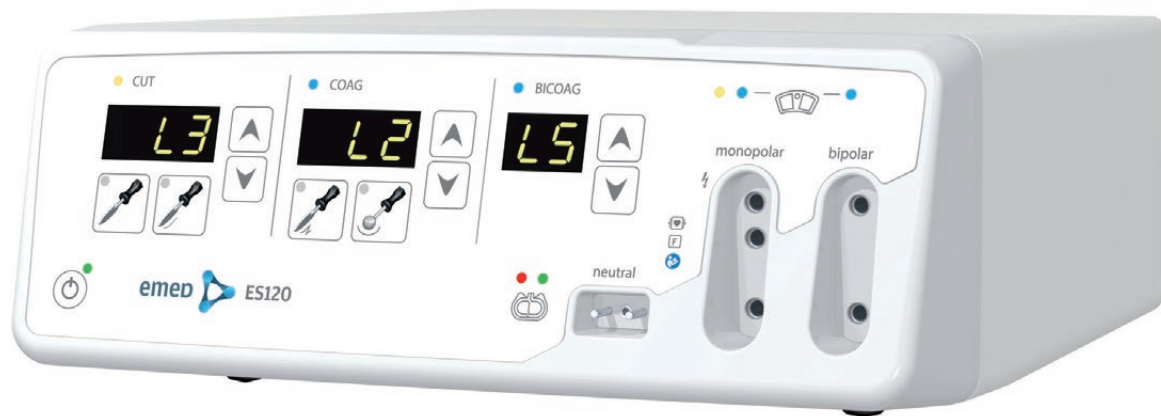


# electrosurgery

a compact solution for private practice



## ES 120

### Electrosurgical device

ES 120 is an electrosurgical unit 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 ES 120 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

ES 120 is equipped with standard 3-pin monopolar and 2-pin bipolar outputs. The unit is also available with two SDS outputs.

### Areas of applications:

- minor general surgery procedures (at outpatient clinics)
- dermatological procedures
- gynecological procedures
- plastic and aesthetic surgery procedures
- dental surgery procedures

### Advantages of ES 120:

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



# accessories for electrosurgical unit ES 120



100-015 Electrosurgical unit ES 120



## Electrode handle

322-145 electrode handle 4mm, large, 2 switches, cable 4m, 3-pin plug



## Pedal footswitch

100-302 two-pedal footswitch, cable 5m, 6-pin plug



100-301 one-pedal footswitch, cable 5m, 6-pin plug



## Disposable neutral electrode EMED SAFE

812-80H hydrogel, split, for adults and children, 176x122mm, 110cm<sup>2</sup>



## Disposable neutral electrode cable

380-030 L: 3m, flat plug

## Monopolar electrodes



520-500 Knife electrode straight, 25 x 3,5mm, handle 4mm



521-420 Ball electrode straight, 4mm, handle 4mm



521-220 Wire loop electrode, 10mm, handle 4mm



524-020 Ball electrode straight, 4mm, L: 100mm, handle 4mm



525-000 Loop electrode, 20 x 15mm, L: 120mm, handle 4mm



526-400 Tringle loop electrode, 10 x 25mm, L: 115mm, handle 4mm



## Bipolar cable

351-131 L: 3m, angled connector, 2-pin plug 29mm



## Bipolar forceps

605-014 angled, 1mm, L: 160mm

EMED SP. Z O. O. SP. K. | Ryżowa 69a | 05-816 Opacz-Kolonia | Poland  
Phone: +48 22 723 08 00 | email: export@emed.pl | [www.emed.pl](http://www.emed.pl)



Attention! This brochure does not replace the instructions for use! Consult instructions for use!

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confidence in performance

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## Electrosurgical unit ES120

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

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