

# SURTRON

80 // 120 // 160



SURTRON® 80 / 120 / 160 is a high frequency electrocautery equipment which is suitable to light and medium surgery.

SURTRON® 80 / 120 / 160, through its performance, allows pure CUT, cut-coagulation BLEND, superficial coagulation FORCED COAG, deep coagulation in absence of necrosis SOFT COAG and, with a special adapter, BIPOLAR coagulation.

The digital reading of delivered power and the monitoring of operative function by microcontroller guarantees the absolute reliability of working conditions.

SURTRON® 80 / 120 / 160 allows a highly professional surgery thanks to the user-friendly and safety solutions normally used.

The connection of neutral electrode is constantly monitored. Safety control of patient/plate contact using split neutral electrode. The possibility to control by the handle the monopolar output functions as well as the delivery of output power, allows to implement the surgical operation without turning away the surgeon attention from the surgical field.

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Reference code	10100.101	10100.201	10100.301
Maximum output power CUT	80 W-250 Ω	120 W-250 Ω	160 W-250 Ω
Maximum output power BLEND	60 W-200 Ω	90 W-200 Ω	120 W-200 Ω
Maximum output power FORCED COAG	50 W-150 Ω	80 W-150 Ω	100 W-150 Ω
Maximum output power SOFT COAG	40 W-100 Ω	60 W-100 Ω	80 W-100 Ω
Maximum output power BIPOLAR	30 W-100 Ω	40 W-100 Ω	60 W-100 Ω
Working frequency	600 KHz	600 KHz	600 KHz
Patient circuit	F	F	F
Selectable input voltage	115-230 Vac	115-230 Vac	115-230 Vac
Mains frequency	50-60 Hz	50-60 Hz	50-60 Hz
Electrical input power	230 VA	300 VA	350 VA
Size WxHxD mm	254x104x288	254x104x288	254x104x288
Weight	5 Kgs	5 Kgs	5 Kgs

Possibility of use for minimum invasive surgery  
 Possibility of use of bipolar forceps  
 Possibility of use of split neutral electrodes  
 Planning of the working conditions

Memorization of the last used settings  
 Activation of the monopolar power with pedal and/or handle  
 Digital regulation and indication of the output power  
 Adjustment of the volume

**Bipolar coagulation  
for safe surgery**

CASUALTY SURGERY  
PEDIATRIC SURGERY  
PLASTIC SURGERY  
VASCULAR SURGERY  
DERMATOLOGY  
FIRST AID  
UROLOGY  
GINECOLOGY  
VETERINARY  
DENTAL  
OTORHINOLARYNGOLOGY

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**Standard Composition:**

- Reusable handle with switches 00205.00
- Assorted electrodes (10 pcs) 00500.00
- Cable for neutral electrode 00404.08
- Steel neutral electrode 5365
- Foot switch 00304.00
- Power supply cable 2 mt 00100.03



**SAFETY**  
EN60601-1  
EN60601-1-2  
EN60601-2-2  
Electrical Class: I CF  
MDD 93/42/EC Class: II b

**CONTROLS**  
Patient/Plate circuit monitoring  
Output power monitoring  
Self check control

