



surtron.com



SURTRON[®]

ELECTROSURGICAL units



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CE
0051

SURTRON

80 // 120 // 160



SURTRON® 80 / 120 / 160 is a high frequency electrosurgical 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.

80

120

160

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

80 // 120 // 160

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

