



SURTRON[®]

80 / 120 / 160

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



CE
0051

www.surtron.com

High performances
in compact size



SURTRON 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 power with pedal and/or handle
- Digital regulation and indication of the output power
- Adjustment of the acoustic indicator intensity.
- RF power pulse emission time 10 - 990 ms



T R O N

Bipolar coagulation
for safe surgery



Hand switch
or foot switch
activation



SURTRON is a high frequency electrosurgical equipment which is suitable to light and medium surgery.

SURTRON, 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. RF power pulse interval 1 - 9

SURTRON 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 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.

SAFETY

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

CONTROLS

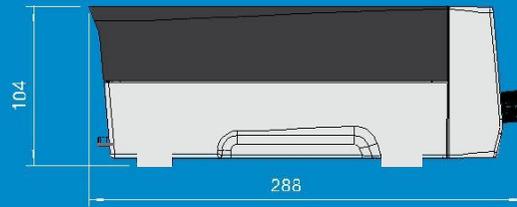
Patient/Plate circuit monitoring
Output power monitoring
Self check control

LED SpA

PROGETTAZIONI E PRODUZIONI ELETTRONICHE

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Size - mm



Standard Composition:

- | | |
|---------------------------------|----------|
| - Reusable handle with switches | F4243 |
| - Assorted electrodes (10 pcs) | 00500.00 |
| - Cable for neutral electrode | 00404.08 |
| - Steel neutral electrode | 5365 |
| - Foot switch | 00300.00 |
| - Power supply cable 2 mt | 00100.03 |

