

CASUALTY SURGERY - DENTAL
DERMATOLOGY - ENDOSCOPY
FIRST AID GYNECOLOGY - GASTROENTEROLOGY
NEUROSURGERY - OPHTHALMOLOGY

SURTRON

80//120//160



SURTRON® 80 / 120 / 160 is a high frequency electrocautery equipment which is suitable for 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.



*OTORHINOLARYNGOLOGY
PEDIATRIC SURGERY - PLASTIC SURGERY
UROLOGY - VASCULAR SURGERY*

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

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SAFETY
EN60601-1
EN60601-1-2
EN60601-2-2
Electrical Class: I CF
MDR 2017/745/UE Class: II b

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

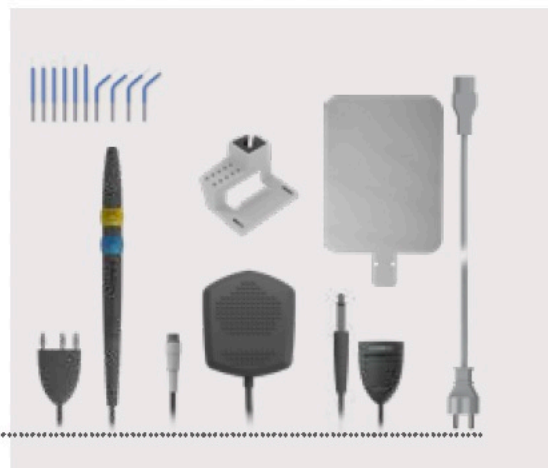
Possibility of use for minimum invasive surgery
Possibility of use of bipolar forceps
Possibility of use of split neutral electrodes
Planning of the working conditions

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

80//120//160

STANDARD COMPOSITION:

- Reusable monopolar handle 00205.00
- Assorted electrodes (10 pcs) 00500.00
- Cable for rod neutral electrode 00404.08
- Rod neutral electrode 5365
- Foot switch 00304.00
- Power supply cable 2 mt 00100.03
- Electrodes and handle support 00202.00



CASUALTY SURGERY - DERMATOLOGY
 VASCULAR SURGERY - GYNECOLOGY
 OTORHINOLARYNGOLOGY - PEDIATRIC SURGERY



	120	160 HF	200
Reference code	10300.101	10300.201	10300.401
Max output power CUT	120 W-250 Ω	150 W-500 Ω ⁽¹⁾	200 W-250 Ω
Max output power BLEND	90 W-200 Ω	100 W-500 Ω ⁽¹⁾	120 W-200 Ω
Max output power ENHANCED	90 W-250 Ω	100 W-500 Ω ⁽¹⁾	120 W-250 Ω
Max output power FORCED COAG	80 W-150 Ω	100 W-150 Ω	150 W-150 Ω
Max output power SOFT COAG	60 W-100 Ω	80 W-100 Ω	90 W-100 Ω
Max output power BIPOLAR COAG	60 W-50 Ω	60 W-50 Ω	80 W-50 Ω
Max output power BIPOLAR ABLATION	-	60 W-100 Ω ⁽¹⁾	-
Working frequency	600 kHz	600 kHz	600 kHz
Working frequency ⁽¹⁾ FUNCTION ONLY	-	4.0 MHz	-
RF power pulse emission time	10 ms - 30 sec	10 ms - 30 sec	10 ms - 30 sec
RF power pulse interval	1 - 9	1 - 9	1 - 9
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	300 VA	350 VA	350 VA
Size WxHxD mm	370x144x319	370x144x319	370x144x319
Weight	6 Kgs	6 Kgs	6 Kgs
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	READ MORE	READ MORE	READ MORE

FLASH 120//160HF//200

STANDARD COMPOSITION:

- Reusable handle with switches 00205.00
- Handle for microsurgical needle 00201.02
- Assorted electrodes (10 pcs) 00500.00
- Needles for micro-surgery (10 pcs) 500500.L11
- Blade electrode 7 cm (3 pcs) 152-110
- Needle electrode 7 cm (3 pcs) 152-120
- Ball electrode 6 cm (3 pcs) 152-150
- Cable for neutral electrode 00404.08
- Steel neutral electrode 5365
- Disposable split neutral electrode (2 pcs) F7920
- Waterproof foot switch 00304.00
- Power supply cable 5mt 00100.01
- Electrode and handle support 00202.00

