



surtron.com



SURTRON[®]

ELECTROSURGICAL units



DOWNLOAD LED SPA APP



CE
0051

SURTRON

300 HP // 400 HP



TWIN OPERATIVE ACTIVITY

- Two output channels for monopolar cutting
- Two independent setting and output channels for the most frequent monopolar coagulation

CONTROLLED CUTTING PROCEDURES

- Automatic adaptive system of power* (TACS - Tissue Adaptive Contact System)
- Enhanced cutting current for eschar free incision
- Cutting current with selectable coagulating property for bleeding controlled dissection
- Low capacitive coupling by slow BLEND current for endoscopic procedures

TWIN CONTROLLED COAGULATIVE PROCEDURES

- SPEEDY** coagulation and DEEP***coagulation available to two operators
- SPRAY coagulation available by hand switch or foot switch controls

WIDE BIPOLAR FEATURES

- Bipolar cutting current with selectable bleeding control
- Slow BLEND cutting current
- Separately activable Automatic Start/Stop coagulation
- Vessel Sealing up to 7mm

SURGEON AND PATIENT TOTAL SAFETY

- Acceptability of contact impedance between patient body and return electrode continuously watched by Skin Plate Electronic Control (SPEC)
- H.F. Leakage currents continuously monitored
- Mains fluctuation automatically compensated before to start the delivery of HF power

PERSONALIZED PROCEDURES

- Independent choice of coagulative currents and power levels by each of two operators
- Ten personal configurable and immediately recallable procedures

EXTENSION DRIVER AND INTERLOCK SIGNALS

- Driven output connection to external Argon Plasma unit and Smoke Evacuator unit

AUTOMATIC SELF DIAGNOSIS

- Automatic diagnostic control of the actual complete functionality of the electronic unit and the connected accessories with coded report of failures

*Monopolar CUT mode until 100 Watt.

**SPEEDY coagulation also said Fulgurate or Forced coagulation

***DEEP coagulation also said Pin Point, Dessicate or Soft coagulation

300 HP

400 HP

Reference code

Maximum output power monopolar pure CUT
Maximum output power monopolar cut-coag CUT80%
Maximum output power monopolar cut-coag CUT60%
Maximum output power monopolar cut-coag CUT40%
Maximum output power monopolar cut ENHANCED
Maximum output power monopolar cut-coag BLEND
Maximum output power monopolar coag SPEEDY
Maximum output power monopolar coag DEEP
Maximum output power monopolar coag SPRAY
Maximum output power monopolar coag SPRAY ARGON
Maximum output power bipolar CUT
Maximum output power bipolar cut-coag CUT80%
Maximum output power bipolar cut-coag CUT60%
Maximum output power bipolar cut-coag CUT40%
Maximum output power bipolar cut-coag BLEND
Maximum output power bipolar coag COAG
Maximum output power bipolar coag VESSEL SEALING
Working frequency Monopolar / Bipolar
Patient circuit
Selectable input voltage
Mains frequency
Electrical input power
Size WxHxD mm
Weight

10400.802
300 W - 300 Ω
250 W - 300 Ω
200 W - 300 Ω
150 W - 300 Ω
200 W - 500 Ω
200 W - 300 Ω
100 W - 500 Ω
100 W - 200 Ω
70 W - 2000 Ω
70 W - 2000 Ω
120 W - 50 Ω
120 W - 50 Ω
120 W - 50 Ω
100 W - 50 Ω
120 W - 150 Ω
120 W - 50 Ω
200 W - 50 Ω
425 kHz / 525 kHz
F
115 - 230 Vac
50 - 60 Hz
1000 VA
470x150x400
17,5 Kgs

10400.902
400 W - 300 Ω
300 W - 300 Ω
250 W - 300 Ω
200 W - 300 Ω
250 W - 500 Ω
250 W - 300 Ω
120 W - 500 Ω
120 W - 200 Ω
100 W - 2000 Ω
100 W - 2000 Ω
120 W - 50 Ω
120 W - 50 Ω
120 W - 50 Ω
100 W - 50 Ω
120 W - 150 Ω
120 W - 50 Ω
200 W - 50 Ω
425 kHz / 525 kHz
F
115 - 230 Vac
50 - 60 Hz
1000 VA
470x150x400
17,5 Kgs

AMBULATORY SURGERY
 ENDOSCOPY
 FIRST AID
 GASTROENTEROLOGY
 GENERAL SURGERY
 GYNECOLOGY
 NEUROSURGERY
 OTORHINOLARYNGOLOGY
 ORTHOPEDICS
 PEDIATRIC SURGERY
 PLASTIC SURGERY
 PNEUMOLOGY
 UROLOGY
 VASCULAR SURGERY
 VETERINARY



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
 H.F. Leakage currents control
 Compensation of mains fluctuation

300 HP // 400 HP

Standard Composition:

- Disposable handle with switches (5pcs)	755VL
- Reusable handle with switches	00205.00
- Blade electrode 7 cm (3 pcs)	152-110
- Blade electrode 16 cm (3 pcs)	152-115
- Needle electrode 7 cm (3 pcs)	152-120
- Ball electrode 6 cm (3 pcs)	152-150
- Cable for neutral electrode	00404.08
- Disposable split neutral electrode (5pcs)	F7920
- Electrode cleaning sponge	F7520
- Double water-proof foot-switch (2 pcs)	00305.04
- Power supply cable 5 mt	00100.01



www.surtron.com



LED SpA

via Selciatella, 40 - 04011 - Aprilia (LT) - Italy
www.led.it - info@led.it - www.surtron.com
Tel. +39 06 92870045 Fax +39 06 92870046

