

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 |

