

# 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

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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 |

