

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

- ✓ Drived 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

	300HP	400HP
Reference code	10400.802	10400.902
Maximum output power monopolar pure CUT	300 W - 300 Ω	400 W - 300 Ω
Maximum output power monopolar cut-coag CUT80%	250 W - 300 Ω	300 W - 300 Ω
Maximum output power monopolar cut-coag CUT60%	200 W - 300 Ω	250 W - 300 Ω
Maximum output power monopolar cut-coag CUT40%	150 W - 300 Ω	200 W - 300 Ω
Maximum output power monopolar cut ENHANCED	200 W - 500 Ω	250 W - 500 Ω
Maximum output power monopolar cut-coag BLEND	200 W - 300 Ω	250 W - 300 Ω
Maximum output power monopolar coag SPEEDY	100 W - 500 Ω	120 W - 500 Ω
Maximum output power monopolar coag DEEP	100 W - 200 Ω	120 W - 200 Ω
Maximum output power monopolar coag SPRAY	70 W - 2000 Ω	100 W - 2000 Ω
Maximum output power monopolar coag SPRAY ARGON	70 W - 2000 Ω	100 W - 2000 Ω
Maximum output power bipolar CUT	120 W - 50 Ω	120 W - 50 Ω
Maximum output power bipolar cut-coag CUT80%	120 W - 50 Ω	120 W - 50 Ω
Maximum output power bipolar cut-coag CUT60%	120 W - 50 Ω	120 W - 50 Ω
Maximum output power bipolar cut-coag CUT40%	100 W - 50 Ω	100 W - 50 Ω
Maximum output power bipolar cut-coag BLEND	120 W - 150 Ω	120 W - 150 Ω
Maximum output power bipolar coag COAG	120 W - 50 Ω	120 W - 50 Ω
Maximum output power bipolar coag VESSEL SEALING	200 W - 50 Ω	200 W - 50 Ω
Working frequency Monopolar / Bipolar	425 kHz / 525 kHz	425 kHz / 525 kHz
Patient circuit	F	F
Selectable input voltage	115 - 230 Vac	115 - 230 Vac
Mains frequency	50 - 60 Hz	50 - 60 Hz
Electrical input power	1000 VA	1000 VA
Size WxHxD mm	470x150x400	470x150x400
Weight	17,5 Kgs	17,5 Kgs

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