

ELECTROSURGICAL UNIT SURTRON - **400 HP**



AMBULATORY SURGERY
GENERAL SURGERY
PEDIATRIC SURGERY
PLASTIC SURGERY
THORAX SURGERY
VASCULAR SURGERY
DERMATOLOGY
ENDOSCOPY
GASTROENTEROLOGY
GYNECOLOGY
NEUROSURGERY
ORTHOPEDICS
OTORHINOLARYNGOLOGY
PNEUMOLOGY
UROLOGY
VETERINARY

TWIN OPERATIVE ACTIVITY

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

CONTROLLED CUTTING PROCEDURES

- Enhanced cutting current for scar 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

WIDE BIPOLAR FEATURES

- Bipolar cutting current with selectable bleeding control
- Slow Blend cutting current
- Separately activable Automatic Start and Automatic Stop coagulation

SURGEON AND PATIENT TOTAL SAFETY

- Acceptability of contact impedance between patient body and return

- electrode continuously watched by Skin Plate Electronic Control (SPEC)
- Excessive power delivery time warned
- H.F. Leakage currents continuously monitored
- Mains voltage variations 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 coded report of found failures

* Speedy coagulation also said Fulgurate or Forced coagulation

** Deep Coagulation also said Pin Point, Desiccate or Soft coagulation

Main Features:

SURTRON®HP	400
Maximum output power monopolar pure CUT (W)	400 → 300Ω
Maximum output power monopolar cut-coag CUT80% (W)	300→ 300Ω
Maximum output power monopolar cut-coag CUT60% (W)	250 → 300Ω
Maximum output power monopolar cut-coag CUT40% (W)	200 → 300Ω
Maximum output power monopolar cut ENHANCED (W)	250 → 300Ω
Maximum output power monopolar cut-coag BLEND (W)	250 → 500Ω
Maximum output power monopolar coagulation SPEEDY (W)	120 → 500Ω
Maximum output power monopolar coagulation DEEP (W)	120 → 200Ω
Maximum output power monopolar spray-coagulation SPRAY (W)	100 → 2000Ω
Maximum output power monopolar spray-coagulation SPRAY ARGON (W)	100 → 2000Ω
Maximum output power bipolar CUT (W)	120 → 150Ω
Maximum output power bipolar cut-coag CUT 80% (W)	100 → 150Ω
Maximum output power bipolar cut-coag CUT 60% (W)	100 → 150Ω
Maximum output power bipolar cut-coag CUT 40% (W)	60 → 150Ω
Maximum output power bipolar cut-coag BLEND (W)	100 → 300Ω
Maximum output power bipolar coagulation COAG (W)	70 → 100Ω
Monopolar Working Frequency	425kHz
Bipolar Working Frequency	525kHz
Selectable power (Vac)	115 - 230
Mains frequency (Hz)	50- 60
Electrical class (EN60601 – 1)	I CF
Neutral electrode	-F-
Weight kg	18
Size WxHxD mm	470x150x380

Standard Accessories

SURTRON®HP	400
Unit electrosurgical unit code	10400.90A
Power supply cable 5MT 3 x 1.5mm SIEMENS-IEC	•/1
Cable for connection neutral plate	•/1
Blade electrode 7 cm	•/3
Blade electrode 15 cm	•/3
Ball electrode 7cm	•/3
Needle electrode 7cm	•/3
Disposable split neutral electrode	•/5
Disposable handpiece with finger switches	•/5
Reusable handpiece with finger switches	•/1
Instruction's Manual	•/1
HP250-400 Double water-proof foot-switch	•/2
Electrode cleaning sponge	•/1

•/pcs = Standard

BACK TO PRODUCT INDEX

BACK TO DIATHERMY'S MAIN MENU