

STERNMED[®]



Ecut 400S PLUS

Electrosurgical unit



www.sternmed.de



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The ECUT 400S PLUS is an advanced electro-surgical unit enabling the surgeon to perform mono and bipolar simultaneously in a wide range of applications such as: ambulatory surgery, endoscopy, first aid, gastroenterology, general surgery, gynecology, neurosurgery, otorhinolaryngology, orthopedics, pediatric surgery, plastic surgery, pneumology and urology vascular surgery.

FEATURES

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 power or 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 and interlock signals

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

Automatic self test

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



TECHNICAL SPECIFICATIONS

Ecuto 400S PLUS | SternMed electrosurgical unit

GENERAL

Patient circuit	F
Selectable input voltage	115 - 230 Vac
Mains frequency	50 - 60 Hz
Electrical input power	1000 VA
Dimensions	470x150x400 WxHxD mm
Weight	17,5 Kgs

CONTROLS

Automatic power or TACS - Tissue Adaptive Contact System)	Monopolar CUT mode until 100 Watt
Controls	Patient/Plate circuit monitoring Output power monitoring Automatic self test H.F. Leakage currents control Compensation of mains fluctuation

POWER OUTPUTS

	400 W - 300 Ω
Maximum output power monopolar pure CUT	300 W - 300 Ω
Maximum output power monopolar cut-coag. CUT80%	250 W - 300 Ω
Maximum output power monopolar cut-coag. CUT60%	200 W - 300 Ω
Maximum output power monopolar cut-coag. CUT40%	250 W - 500 Ω
Maximum output power monopolar cut ENHANCED	250 W - 300 Ω
Maximum output power monopolar cut-coag. BLEND	120 W - 500 Ω
Maximum output power monopolar coag. SPEEDY	120 W - 200 Ω
Maximum output power monopolar coag. DEEP	100 W - 2000 Ω
Maximum output power monopolar coag. SPRAY	100 W - 2000 Ω
Maximum output power monopolar coag. SPRAY ARGON	120 W - 50 Ω
Maximum output power bipolar CUT	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT80%	120 W - 50 Ω
Maximum output power bipolar cut-coag. CUT60%	100 W - 50 Ω
Maximum output power bipolar cut-coag. CUT40%	120 W - 150 Ω
Maximum output power bipolar cut-coag. BLEND	120 W - 50 Ω
Maximum output power bipolar coag. COAG.	200 W - 50 Ω
Maximum output power bipolar coag. VESSEL SEALING	150 W - 50 Ω

Working frequency Monopolar / Bipolar

CLASSIFICATION

Safety	EN60601-1 EN60601-1-2 EN60601-2-2
	I CF
Electrical Class	II b

MDD 93/42/EC Class

STANDARD ACCESSORIES

	Cable for neutral electrode
Disposable handle with switches (5pcs)	Disposable split neutral electrode (5pcs)
Reusable handle with switches	Electrode cleaning sponge
Blade electrode 7 cm (3 pcs)	Double water-proof foot-switch (2 pcs)
Blade electrode 16 cm (3 pcs)	Power supply cable 5 m
Needle electrode 7 cm (3 pcs)	
Ball electrode 6 cm (3 pcs)	



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