













### **Ecut 400S PLUS**

**Electrosurgical unit** 

The Ecut 400S PLUS is an advanced electrosurgical 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**

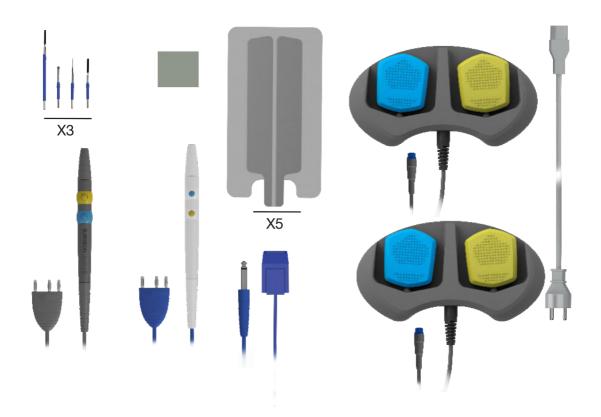
- output connection to external Argon Plasma unit
- output connection to Smoke Evacuator unit

#### 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 Ecut 400S PLUS | SternMed electrosurgical unit

OPTIONAL ACCESSORIES	
Reusable handle without finger switches	Loop Electrode20x20 l.15 cm
Steel neutral electrode 16x24cm with cable 3m	Conization Electrode 13 cm
Steel neutral electrode 16x24cm autoclave with cable	Monopolar cable m4-f4
Cable for neutral plate	Monopolar cable m4-f2.8
Bipolar Cable EU 3m	Monopolar cable m4-mp4
Twin Bipolar Cable 3m	Bipolar Forceps 11,5cm TIP0.5mm
Bipolar artery sealer forceps cable	Curved Bipolar Forceps 11,5cm TIP0.5mm
Disposable Neutral electrode	Bipolar Forceps 20cm TIP 1mm
Bipolar Artery Sealer 27cm TIP 3mm	Bipolar Forceps 20cm TIP 2mm
Bipolar Artery Sealer 25,5cm TIP 3mm	Curved Bipolar Forceps 20cm TIP 1mm
Bipolar Artery Sealer 17cm TIP 2mm	Curved Bipolar Forceps 20cm TIP 2mm
Blade Curved Electrode 7 cm	Angled Bipolar Forceps 20cm TIP 1mm
Needle Curved Electrode 7 cm	Angled Bipolar Forceps 20cm TIP 2mm
Needle Electrode 13 cm	Angled Curved Bipolar Forceps 20cm TIP 1mm
Ball Electrode Ø 2mm 6 cm	Angled Curved Bipolar Forceps 20cm TIP 1mm
Ball Curved Electrode Ø 2mm 5 cm	Bipolar Electrode 20cm
Ball Electrode Ø 3mm 6 cm	Bipolar Electrode 20cm
Ball Curved Electrode Ø 3mm 5 cm	Bipolar Electrode 20cm
Ball Electrode Ø 3mm 13 cm	Monopolar Forceps 20cm TIP2mm
Ball Curved Electrode Ø 4mm 6 cm	Monopolar Surgical Scissors 18cm
Ball Electrode Ø 5mm 6 cm	Conductive rubber neutral electrode
Ball Curved Electrode Ø 5mm 6 cm	Conductive rubber split neutral electrode
Ball Electrode Ø 5mm 14 cm	Trolley 3 shelves wide
Loop Electrode10x10 l.14 cm	Trolley 5 shelves wide
Loop Electrode20x13 l.14 cm	Drawer for trolley

# TECHNICAL SPECIFICATIONS Ecut 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	, 3
Automatic power or TACS - Tissue Adaptive Contact	Monopolar CUT mode until 100 Watt
System)	Patient/Plate circuit monitoring
Controls	Output power monitoring
	Automatic self test
	H.F. Leakage currents control
	Compensation of mains fluctuation
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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	EN60601-1
Safety	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)	





