



Electrosurgical unit ES400

MultiSwitch: remote program change	SAFETY FEATURES	
Special endoscopic modes	Protection against electric shock:	I
New monopolar modes	Class	CF
Monopolar modes activation: footswitch or handle	Grade	according to IEC 60601-1
Monopolar and bipolar modes can be activate with one footswitch	Low-frequency leakage currents	according to IEC 60601-2-2
Activation of bipolar coagulation: footswitch or AutoStart	High-frequency leakage currents	357 [kHz]
Flat front panel, easy to clean, with push-buttons for modes and power regulation	Generator operation frequency	according to EN 60601-1
Bipolar cutting in liquid	Defibrillation impulse resistance	neutral electrode control
Additional monopolar output	NEM System	self-test of generator and accessories after switching the power on, service codes display
	AUTOTEST	generator overload protection
	OVERLOAD	
	MONOPOLAR CUTTING	
	Pure cutting	350 [W] for 300 [Ω]
	Blend cutting I	180 [W] for 300 [Ω]
	Blend cutting II	150 [W] for 300 [Ω]
	Blend cutting III	150 [W] for 300 [Ω]
	Cutting with desiccation	150 [W] for 50 [Ω]
	Cutting in liquid	350 [W] for 300 [Ω]
	MONOPOLAR COAGULATION	
	Soft coagulation	180 [W] for 50 [Ω]
	Forced coagulation	180 [W] for 300 [Ω]
	Spray coagulation	80 [W] for 1250 [Ω]
	Universal coagulation	80 [W] for 1250 [Ω]
	BIPOLAR CUTTING	
	Bipolar cutting (4 levels of haemostasis)	100 [W] for 300 [Ω]
	Bipolar cutting in liquid	350 [W] for 50 [Ω]
	BIPOLAR COAGULATION	
	Bipolar coagulation	120 [W] for 50 [Ω]
	AutoStart / AutoStop	automatic start and stop of bipolar coagulation
	OTHER FEATURES	
	PowerStart system	simplify the beginning of cutting process
	SURGILOGIC system	automatic power regulation depends on needs
	PP endoscopic program	alternating cut and coag - 9 levels
	Program memory	9 memory locations
	MultiSwitch	remote program selection by footswitch
	Outputs	2 monopolar outputs, 1 bipolar
	WEIGHT AND DIMENSIONS	
	Length	410 [mm]
	Width	415 [mm]
	Height	180 [mm]
	Weight	8,1 [kg]
	POWER SUPPLY	
	Supply voltage	230 [V] +/- 10% 50 [Hz] or 110 [V] +/- 10% 60 [Hz]
	Rated power input	500 [W]