

Datasheet iSpark



CE 2274

General information	
Description	Electrosurgery system.
Intended use	High frequency alternating current generation for cutting and coagulation.
Class	IIb
Conformity	Conform to European Directive CE 93/42/EEC.
Applicable standards	See CE Conformity Declaration for more details.
Toxic/allergenic products	Latex free.
Manufacturer	EMED SP. Z O. O. SP. K. ul. Ryzowa 69A, 05-816 Opacz Kolonia, Poland.

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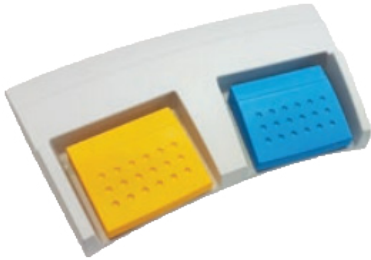
www.delmont-imaging.com - contact@delmont-imaging.com

SAS au capital de 237 200 euros - RCS Marseille 817 710 411 - N° de TVA Intracommunautaire : FR 81 817 710 411

Technical data			
General specification			
Power supply	220-240VAC, 50/60 Hz		
Fuses	2 x T8A / 250V		
Nominal power input	1350 VA		
Protection class (I, II or III)	I		
Type (B, BF or CF)	CF		
Audio signals volume	40-88 dBA		
Display	TFT 7" WVGA		
Lifetime	10 years		
Electrosurgical generator			
Photo			
Article reference	D100 400 000	D100 400 001	D100 400 002
Native programs	Mono cut, Precise cut, Mixed cut Soft coag, Forced coag, Hybrid coag, Spray coag Bi-cut Soft bi-coag, Forced bi-coag, Sciss bi-coag		
Additional programs	Polipo cut Papillo cut Muco cut Artro cut Uro cut Argon cut Standard argon Endo argon Pulse argon Uro bi-cut	/	Uro cut Uro bi-cut Uro bi-coag Uro coag Hystero cut Hystero coag Hystero bi-cut Hystero bi-coag

Additional programs	Artro bi-cut ThermoStapler Uro bi-coag Artro coag Uro coag Hystero cut Hystero coag Artro bi-coag Endo spray Endo coag Endo bi-coag ThermoStapler LAP Hystero bi-cut Hystero bi-coag	/	
GMDN code	57825		
Commands	ON/OFF button Standby button Touch screen		
Frequency	333 kHz		
Dimensions (L x W x H)	38.5 x 30.5 x 14.1cm		
Weight	7kg		
Ingress Protection	IP 2X		
Security	Automatic power regulation Instruments recognition 7 levels of neutral electrode control (NEM: neutral electrode monitoring)		
Cooling	Ventilation		
Inputs	Power supply / USB / Footswitch / Argon socket		
Outputs	2 instruments outputs (SDS sockets) / Neutral electrode / Argon probe socket		
Hygiene	Cleaning: pH neutral detergent (containing enzyme or not).		
	Disinfection: if contaminated, 2.0-3.5% glutaral solution.		
Available programs list			
Monopolar cutting	Mono cut Precise cut Mixed cut	9 effets	Max. power 400W 80W 150W

Monopolar cutting	Polipo cut Papillo cut Muco cut Artro cut Uro cut Hystero cut Argon cut	9 effects	400W 400W 400W 400W 400W 400W 400W
Monopolar coagulation	Soft coag Forced coag Spray coag Hybrid coag Endo coag Endo spray Argon coag Endo argon Pulse argon Uro coag Artro coag Hystero coag	9 effects 9 effects 80 effects 9 effects 9 effects 9 effects 80 effects 40 effects 40 effects 9 effects 9 effects 9 effects	Max. power 200W 200W 80W 200W 40W 25W 80W 40W 40W 200W 200W 200W
Bipolar cutting	Bi-cut Uro bi-cut Artro bi-cut Hystero bi-cut	9 effects	Max. power 200W 330W 330W 300W
Bipolar coagulation	Soft bi-coag Forced bi-coag Uro bi-coag Hystero bi-coag Artro bi-coag Sciss bi-coag Endo bi-coag	9 effects	Max. power 120W 100W 400W 400W 200W 200W 70W
ThermoStapler®	Open surgery Laparoscopy	9 effects	Max. power 300W 60W
Argon	Quality: 4.8 (99.998%) or higher		
	Inlet gaz pressure: 4-5 Bar		
	Gas outflow: 0.1 to 10L/min in 0.1L/min steps		
	Pressure: Regulator with pressure sensor on cylinder		

Footswitch	
Photo	
Article reference	D100 400 003
GMDN code	57825
Weight	2.1 kg
Dimensions (L x W x H)	35.5 x 19 x 5 cm
Cable length	5 m
Ingress Protection	IPX8
Hygiene	Cleaning: pH neutral detergent (containing enzyme or not).
	Disinfection: If contaminated, 2.0-3.5% glutaral solution.
Footswitch's commands	Left (yellow): Cutting
	Right (blue): Coagulation
Cart for iSpark generator	
Photo	
Article reference	D100 400 005
GMDN code	36801
Weight	16.5 kg
Maximum capacity	50 kg
Dimensions (L x W x H)	54 x 40.5 x 112.5 cm
Brakes	Yes, two
Supports	Case for argon cylinder. Accessories basket.