

9.3 Output Specifications

Maximum power Range		Monopolar : 370 W / 550 Ω Bipolar : 100 W / 100 Ω	
Maximum peak to peak voltage (Vpp) and Effective operational values (Vrms)	MONOPOLAR:	Self-regulating Cut	pure 1200 Vpp - 420 Vrms
			haemostasis 3 2700 Vpp - 400 Vrms
		Forced Cut	pure 1650 Vpp - 610 Vrms
			haemostasis 3 4200 Vpp - 600 Vrms
		Coagulation Soft 3200 Vpp 320 Vrms	
		Desiccation 5200 Vpp 520 Vrms	
		Fulguration 1 6500 Vpp 490 Vrms	
	BIPOLAR :	Coagulation	MICRO CÆLIO 500 Vpp - 50 Vrms
			FORCED 1500 Vpp - 150 Vrms
		THERMOFUSION 700 Vpp	
		Pure Cut 630 Vpp - 240 Vrms	
		Haemostatic Cut 3 1500 Vpp - 240 Vrms	

Mode	Frequency	modulation	Crest factor ⁽¹⁾
Pure cut Monopolar and Bipolar	450 kHz	0	1.4
Haemostasis Cut 3 Mono and Bipolar	450 kHz	21 kHz	3.4
Monopolar Coagulation	450 kHz	21 kHz	4.8
Fulguration	450 kHz	21 kHz	7.5
Bipolar Coagulation	450 kHz	21 kHz	4.8
THERMOFUSION	450 kHz	21 kHz	3.4

⁽¹⁾ Crest factor: ratio between peak voltage and rms voltage (output unloaded)

10 ANNEXES

- Guidelines to Power Settings.

WARNING:

- 1) The following settings are an indication for adult patients. The decision lies with the surgeon who will decide on the settings for the required results. For first-time operations, it is advised to commence on a lower power setting and only increase on the surgeons demand.
- 2) When the surgeon uses the coagulation for cutting the tissue, choose the setting corresponding to the cut:
 - Self-regulating cut setting for soft coagulation.
 - Forced cut setting for desiccation.
- 3) For Adipose tissue, it is preferable to use desiccation and the forced cut.
- 4) For the initial incision which involves passing through adiposity tissue, use the adipose tissue setting before proceeding with the required operational setting.

FOR ANY FURTHER INFORMATION, PLEASE CONTACT LAMIDEY NOURY MEDICAL.

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