



MEDI WAVES INC.

100 USER PROGRAM
PLASMA SALINE BI-TUR
INTEL TISSUE RESPONSE
ELECTROSURGERY THROUGH TECHNOLOGY



ELECTROSURGICAL UNIT **TOUCHSX⁴⁰⁰**

ELECTROSURGERY WITH PERFECTION

OUTPUT CHARACTERISTICS

	MODES	MAXIMUM P-P VOLTAGE	RATED LOAD (OHMS)	MAXIMUM POWER (WATTS)	CREST FACTOR* (TYPICAL)
Monopolar Cut	Pure	900	500	400	1.5
	Blend I	1100	500	300	2.1
	Blend II	1200	500	250	2.4
	Blend III	1300	500	200	2.8
	Blend IV	1300	500	150	3.1
Monopolar Coag.	Soft	1600	500	250	3.5
	Dessicate	1800	500	200	3.8
	Force	2100	500	150	4.2
	Spray	3000	500	100	6.8
Bipolar	Micro	320	100	70	1.5
	Standard	460	100	90	1.5
	Macro/Cut	600	100	120	1.5

SALINE RESECTION (BITUR) MODE: Sine wave 440 kHz

Saline Cut. - Saline Plasma Cutting Variable 10 W to 300 W at 100 Ω , CF 1.5

Saline Coag- Saline Plasma Coag Variable 10 W to 150 W at 100 Ω , CF 1.5

PPQM System

Measuring Frequency : 85 kHz $\pm$ 10 kHz Measuring current : < 10 μ A

Dual Area PREM Patient Return Electrode : 5-135 Ω

Single Area Patient Return Electrode : < 10 Ω

Applications Fields

Ophthalmic, Laparo Surgery, Endo, GI, Ortho, Open & General Surgery, Onco, Gynecology, Hernia, GI Endocut, Papillotomy, Polypectomy, Under Water, Urology, Gynec TCRC, Hysteroscopy, Thoracotomy, Unit is suitable for all kind of Open, Endoscopic, Laparoscopic and Minimally Invasive Surgery Plastic, Neuro, ENT, Spine, Thoracic and Cardiac Surgery.

Safety Standards

Classification according to the EC- Directive 93/ 42/ EEC: Class IIb

General Safety Standards: IEC 60601-1-1, IEC 60601-2-2

EMI/EMC Compatibility Standard: IEC 60601-1-2

IS Safety Standard: IS 7583

Leakage Current

HF Leakage: Monopolar <150 mA RMS- Bipolar <60 mA RMS

Low frequency : Normal polarity, intact ground : < 10 μ A

Normal polarity, ground open : < 50 μ A

INPUT POWER

Operating Voltage : 190-260 Volt 50Hz AC, (Optional 90-120Volts 60Hz AC)

DIMENSIONS L x W x H - 350 x 350 x 130mm Net Weight in 6.5Kg



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