



ELECTROSURGERY THROUGH TECHNOLOGY



ELECTRO SURGICAL UNIT

GX4₀₀



ELECTRO SURGICAL 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
	Desiccate	1800	500	200	3.8
	Force	2100	500	150	4.2
	Spray	3000	500	100	6.8
Bipolar	Micro	320	100	90	1.5
	Standard	460	100	90	1.5
	Macro/Cut	600	100	90	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

Features

PEQM : Patient Electrode Contact Quality Monitoring Safety against the Patient Return Electrode site burns.

Programmable : User can Program as per Surgical Procedure requirements

SPRAY Coag : Homogeneous, superficial, faster Coagulation over larger area.

Bipolar Cut : Macro mode can be used for bipolar cutting with hooks and other cutting devices.

Desiccate Coag: Faster coagulation for thicker tissues

Foot Switches: Explosion Proof and Water Proof Foot Switch

Time Out Error: Automatically stops the HF output as Time Limit Exceeds

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 5Kg



MEDI WAVES INC.

ISO 9001:2015 CERTIFIED

WHO-GMP CERTIFIED | ISO 14001:2004 CERTIFIED | OHSAS 18001:2007

ISO 13485 : 2016 CERTIFIED | CE CERTIFIED

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