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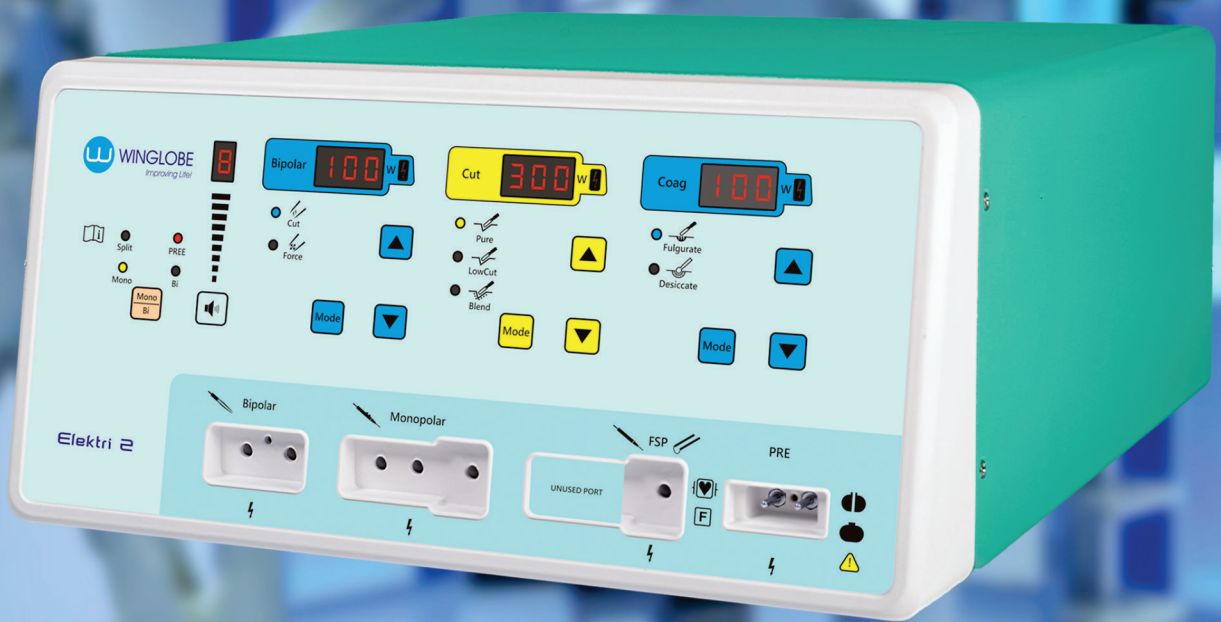
Improving Life!

ELECTRI2

A COMPACT MICROPROCESSOR CONTROLLED ELECTROSURGICAL UNIT



Redefining Basic Energy

INNOVATION | QUALITY | CARE

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ELECTRI2

A COMPACT MICROPROCESSOR CONTROLLED ELECTROSURGICAL UNIT

Safety Features

- Smart Tissue Sensing Technology*
- Microprocessor controlled power accuracy
- Patient return electrode contact quality monitoring (PRECQM)*
- Power up Self test , ensuring unit healthiness

General features

- Fully Microprocessor controlled device
- Insulated Membrane keyboard located on the front panel ; giving protection against liquid along with quick & accurate adjustments
- Digital display for easy visualization of maximum power levels in each mode
- Dual control electro surgical unit.(Hand switch pencil & foot switch)

SMART TISSUE SENSING TECHNOLOGY*

Constantly monitors the varying tissue impedance and controls the energy delivery to create a wide range of desired tissue effect. This technology dynamically varies the High Frequency current and voltage which leads to enhanced performance using low power settings resulting in reduced tissue damage and faster recovery.

PATIENT RETURN ELECTRODE CONTACT QUALITY MONITORING*

PRE-CQM monitors the contact quality of the return electrode in real time. It establishes a baseline and uses it as the reference to monitor the contact area. If the contact area reduces, it automatically stops the energy delivery and gives an error message along with an audible alarm.

Technical specification- R F output characteristic

Monopolar Cut Modes	**Watt**	**Crest Factor**
Pure	300 W	1.5 CF
Lap Cut	200 W	1.5 CF
Blend	100 W	2.5 CF
Monopolar Coagulation Modes	**Watt**	**Crest Factor**
Fulgurate	100 W	7 CF
Desiccate	100 W	5.5 CF
Bipolar Current Characteristics	**Watt**	**Crest Factor**
Cut	80 W	1.5 CF
Force	80 W	1.5 CF
Safety features		
Basic Construction	IEC 60601-1 ,IEC 60601-1-2 & IEC 60601-2-1	
Protection Class	1	
Unit Type	CF	
All outputs	Floating Output	
Electrical Potential Balancing	Indicated by System	
General Information		
Max Weight	4.2 Kg (Approx)	
Size (mm)	285mm(W) x 150 mm(H) x 350mm(D)	

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