

TOUCH 5

PLASMA - Electro Surgical Generator



FEATURES & SPECIFICATIONS

- An Exclusive Generator, Tailored and dedicated only for Bipolar & Bipolar Saline based surgeries.
- Advance multiple microcontroller based generator for Open and Laparoscopic Surgeries.
- 5-inch LCD touch screen display with intuitive interface, and additional Feather Touch Buttons.
- Intuitive User Interface facilitates easy program and modes selection with Seamless Operations.
- It Features One Bipolar and One Bi-TUR Socket, for Handswitch/FootPedal without Change Over.
- Self-Test diagnoses the unit at every "START UP" for Unit's Healthiness and Operational Integrity.
- Touchscreen auto-lock facility to protect modes & power settings from accidental human touch.
- HF power output can be adjusted using touch screen and handswitch pencil from sterile field.
- Multiple cutting modes with varied regulated wattages for smooth and precise skin incisions.
- Isolated Bipolar and Saline Bipolar Resection Outputs, for a dedicated & specialized surgeries.
- It offers multiple coagulation modes specifically dedicated for Bipolar Saline Resection Surgeries.
- Tissue monitoring technology measure Tissue Impedance & Dynamically varies the HF Output.
- Auto feature in Bipolar ensures Optimum Power Delivery and Efficacy, without Tissue Charring.
- Automatically stops the power output and provides audio-visual indication during problem.
- System restores previous activated power settings when encountered power interruptions.
- "Current Meter Display" in the Bipolar Mode to Indicate the "Flow of Current" during surgeries.
- HF current leakage monitoring & controlling system supervises and controls it less than 10 uA.
- 99 + 1 user programmable memory for surgeons to store & recall surgery preferences and details.
- Different activation tones for Bipolar Cutting/Coagulation and Resection/Coagulation.
- It is Compatible with ALAN's Wired and Wireless Footswitch, for smooth & convenient operation.

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ALAN

Since 1997.....

Bipolar Cut Modes:

LowCut	: 120 W @ 100 Ohms	CF 1.5
HighCut	: 120 W @ 100 Ohms	CF 1.5
ScalCut	: 200 W @ 100 Ohms (5 Levels)	CF 1.5

Bipolar Coagulation Modes:

Cut	: 120 W @ 100 Ohms	CF 1.5
Macro	: 120 W @ 100 Ohms	CF 1.5
Micro	: 100 W @ 100 Ohms	CF 1.5
Auto Micro	: Bipolar Micro with Auto-Stop	
Auto Start	: Bipolar Micro with Auto-Start-Stop	

Bipolar Saline Resection:

LowCut	: 250 W @ 200 Ohms	CF 1.5
HighCut 1	: 300 W @ 200 Ohms	CF 1.5
Effect 1	: 300 W @ 200 Ohms	CF 1.5

Bipolar Saline Coagulation:

Desiccate	: 250 W @ 25 Ohms	CF 1.5
Force	: 200 W @ 25 Ohms	CF 2.1

Input Supply

Input	: 230 VAC $\pm$ 20%, 50Hz
Power Consumption	: 750VA Max
Input Fuse	: 5A T
Output Control	: Colour TFT Display with Touch Screen and Push buttons in all Modes
Max. Power Output	: 400 Watts

Safety Standards

Basic Construction	: As per IEC 60601-1, IEC 60601-1-2 & IEC 60601-2-2
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Classifications

Protection Class	: I
Mdd. Class	: II b
Pollution degree Class	: II
Overvoltage category	: II
Class	
Unit Type	: CF
All Outputs	: Floating Output (All output ports are CF Type)
Electrical Potential	: Connecting Pin and Indicated by Symbol
Balancing	
PER	: 98
Dimension	: 320mm (W) x 160mm (H) x 360mm (D)
Weight	: Maximum 7.0 Kg

Operating Parameters

Ambient temperature range	: +10° C to +40° C
Relative humidity	: 30% to 75% non-condensing
Atmospheric pressure	: 700 millibars to 1060 millibars

Transport and Storage

Ambient temperature range	: -30° C to +65° C
Relative humidity	: 0% to 90% non-condensing
Atmospheric pressure	: 500 millibars to 1060 millibars

ALAN ELECTRONIC SYSTEMS PVT. LTD.



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