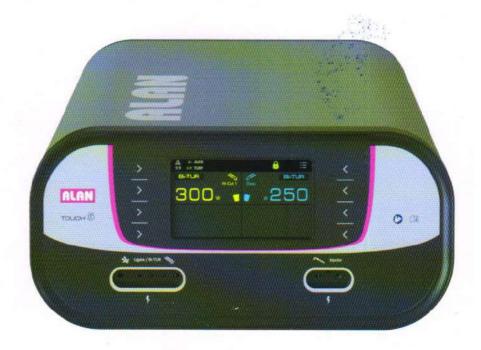
TOUCH 5



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
 8 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.





PLASMA - Electro Surgical Generator

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:

Bipolar Saline Coagulation:

Input Supply

Input : 230 VAC ± 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

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

Balancing

: Connecting Pin and Indicated by Symbol

PER

'EK

Dimension : 320mm (W) x 160mm (H) x 360mm (D)

Weight : Maximum 7.0 Kg

Operating Parameters

Ambient temperature +10° C to +40° C

range

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
Atmospheric pressure

0% to 90% non-condensing 500 millibars to 1060 millibars

ALAN ELECTRONIC SYSTEMS PVT. LTD.



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