

ISO | ISO | CE  
9001 : 2015 | 13485:2016 | 10101

# AccuCut

Plasma System

EN 5000-01-00



ENT LOW TEMPERATURE PLASMA SYSTEM



Marketing & Channel Partner



First Floor, 670/5, Vazhakadavu Road, Kadamkode,  
Manapullikavu, Palakkad, Kerala, India-678 013  
Ph : +91 9656 202 158, +91 8086 788 999  
Email : info@koopermedical.com  
www.koopermedical.com

Warranty Information: This product is guaranteed for function, materials, against manufacturing defects,  
against a fixed installed environment, not covering any physical damage after installation.



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**AccuCut Plasma System**  
**EN 5000-01-00 – Coblation Plasma System**

AccuCut Plasma System uses Plasma Technology at a low temperature for performing coblation based surgeries. It minimizes thermal damage, minimizes or avoids bleeding and reduces postoperative complications.



A



B  
 Saline Control Regulator  
 EN 5000-01-SR



C  
 Foot Pedal  
 EN 5000-01-FP



D  
 Saline Control Regulator Cable  
 EN 5000-01-SC



E  
 Power Cord  
 EN 5000-01-PC

**Operating Instructions System**

Cutting	Yellow Pedal	Power	7-9
Hemostasis	Blue Pedal	Power	6-9

**Operating Instructions Baton**

White Port (G)	IV Connector
Blue Port (H)	Suction Connector



F  
 AccuCut Baton  
 EN 5000-01-11

**AccuCut Plasma System EN 5000-01-00 Specifications:**

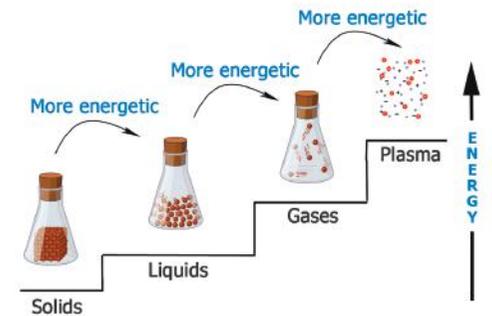
Input Power	Voltage	220 V ± 10%
Input Power	Frequency	50Hz
Input Power	RMS Current	2 – 4 A
Input Power	Fuse Rating	5A/250 V
Output Power	Frequency	100KHz(Cut)/450KHz(Coag)
Output Power	Voltage	≤400W @ 250 Ω
System Dimensions	Weight (Max)	9.2Kg
System Dimensions	Height	148mm
System Dimensions	Width	405mm
System Dimensions	Length	411mm

**System Setup and User Instructions:**

- Step 1 : Plug in the system(A) with power cord (E) and switch on (lower right corner).
- Step 2 : Attach saline control regulator(B) on the saline stand and hang 500 ml saline bottle.
- Step 3 : Plug in saline control regulator cable(D) to establish connection between system and regulator.
- Step 4 : Plug in foot pedal(C) to the system aligning red dots.
- Step 5 : Plug in baton(F) to the system.
- Step 6 : Settings will be automatically detected by the system; increase/decrease only if requested by surgeon.
- Step 7 : Set the saline control regulator into manual mode using the switch (green light appears).
- Step 8 : Connect the IV cable into the saline bottle, and spike it into the valve in the flow control regulator, ensure the tube is firmly seated into the centre position, connect other end to baton IV port(G).
- Step 9 : Set the saline control regulator into auto mode using the switch (green light disappears).
- Step 10: Connect the suction tubing from the baton to the suction apparatus.

**Plasma Technology**

Plasma Technology is "a system containing charged particles" at a low temperature for accurate removal of diseased tissue without collateral damage. It is the result of Kinetic and Thermal energy formed as part of the chemical process. It decomposes tissue into low molecular particles like H<sub>2</sub>, O<sub>2</sub>, CO<sub>2</sub>, N<sub>2</sub>, CH<sub>4</sub> and helps in vaporization, separation, surgical repair and hemostasis function.



As you go from solids, to liquids, to gases, and finally plasma, the energy levels of the particles are increasing

**Plasma Technology (AAA)**

- **Accuracy** – Plasma Technology helps the surgeon to take diseased tissue precisely by preserving the collateral healthy tissue.
- **Accomplishment** – Plasma Technology helps the surgeon successful achievement of a task with efficiency.
- **Atraumatic** – Plasma Technology causes minimal tissue injury.