



Spinal Surgery / Arthroscopic Surgery / Sports Medicine

Plasma Surgery System



PLA-800

**Low Temperature Cutting
Coagulation While Cutting
Impedance Feedback
Clear Operation Field**

Technical Parameters

Input Voltage	198-242 v 50Hz/100-120v 60Hz Converted automatically for exporting
Working Frequency	100KHz + - 10%
Working Mode	Ablation:1-10, PLACOAG: 1-10
Output Power	Ablation: < 350w PlaCoag: < 100w
Physical Dimension	Length 409° Width 460° Height 145 (mm)
Weigh	7 Kg

Functions:

- Bipolar or multipolar cutting, low temperature melting, hemostatic, minimally invasive, safe and reliable.
- ABLATION (cutting, hemostatic, ABLATION) mode, PLACOAG (hemostatic, solidification).
- Multiple Probes: according to different parts, and different lesions with different length, thickness, radian, energy.
- A probe can achieve functions of melting and solidification, hemostasis, and cutting. Avoid frequently switch probes and handles during the surgery.
- With multipolar suction/cutting function, available for spinal surgery, six big joints surgery and minimally invasive surgery for small joints.
- The voice host size is adjustable: distinguish between ABLATION and PLACOAG voice, to avoid the wrong pedal.
- Impedance feedback and energy detection, and thermal damage depth monitoring system.
- Detect the probe automatically.
- Monitor plasma intensity dynamically.
- Set up default power automatically after connecting pedals and handles.
- Start by foot switch, and switch between ABLATION and PLACOAG mode.
- Remote service.

CLINICAL USE:

With different orthopedics probes, Mechan Plasma Surgery System carries out-cutting, ablation, coagulation, hemostasis and thermal shrinkage molding on human being tissue by low temperature plasma energy.

Model No.	Probe Shape	Working Length	Outer Diameter	Guide Pin Diameter	Usage
PLA302	CONE	157mm	1.1 mm	1.5 mm	Lumbar Vertebra
PLA203	CONE	375mm	2.0 mm	3.6 mm	Lumbar Vertebra



**Spine Lumbar Probe
PLA302**



**Cutting, Ablation and Coagulation Probe
PLA203**