

ELECTROSURGERY UNIT

Technical Parameters

TOPCARE

PT-400



Scope of Application

- It is suitable for various surgeries on cutting or coagulation, including general surgery, heart, gynecology, anorectal surgery, orthopedics, thoracic surgery, tumor, etc.
- It is also used with surgeries of endoscope, hysteroscope, laparoscope, ENT endoscope, etc. The bipolar can be used in the fine surgeries of microsurgery, neurology, ENT and ophthalmology, hand surgery, etc.

Five Working Modes

Mono Cut	Cutting: 400W	Blend: 150W
Mono Coag	Soft Coag: 100W	Strong Coag: 80W
Bipolar	Bipolar Coag: 50W	

Technical Parameters

Ambient temperature range: 10°C~40°C	Relative humidity range: 30%~75%
Atmospheric pressure range: 700hpa~1060hpa	Power supply: 220V/110V, 50Hz
Working frequency: 360kHz~460kHz	Type of equipment: CF
The power consumption of the whole device is less than 1000VA. (Cutting function: 400W)	

Product Advantages

- Independent output port of endoscope and intelligent conversion key, which can enter endoscopic mode automatically after start-up.
- Microcomputer control system, power-off protection, and memory function of keeping last usage data after restart.
- Automatic adjustment on output power. It can be adjusted automatically according to the change of density of tissue. Stable output power to keep the minimum wastage.
- Automatic conversion on monopolar and bipolar.
- Automatic monitoring of on-off, automatic detection and error prompt in work.
- The monitoring circuit system on contact quality of neutral electrode can test and evaluate the safety and effectiveness on the contact area between electrode plate and skin. The system can cut off output automatically and give an alarm, in case of finding that contact area is in dangerous level. It can test and use negative plate of monopolar or bipolar effectively.
- Operating panel with keys, high definition and large digital. It has different sound and light indicators during operation. Waterproof operating keys easy to clean and maintain.
- Independent three-way power output. This increases the convenience and security of operation.
- It can be operated and performed well underwater even when dissecting and removal of fat tissue.
- Fully suspended power output. There are two independent and isolated application sections to prevent defibrillation interference (monopolar and bipolar).