



FURIX

CM-350A

Veterinary Electrosurgical Units

Type : The output of this machine is fully suspended, with two independent and isolated CF type anti-defibrillation application parts (Monopolar and Bipolar), Non-AP、 Non APG type common equipment, and 220V ± 10% or 110V ± 10% network power supply.

Function: The 416KHz (± 10%) high frequency current generated by this machine can perform surgical operations such as cutting and coagulation of biological tissues, and has monopolar cut: pure cut, blend cut 1, blend cut 2; Monopolar coagulation: spray coagulation, soft coagulation and standard bipolar six working modes.

- Full-function automatic power compensation.
- The high-frequency generator has a universal endoscope interface, which is used with gastroscope, enteroscope, bronchoscope, laparoscope and other endoscopes.
- Support bipolar closure and separation to meet the requirements of surgical bipolar treatment without sticking the negative plate.
- Patient circuit bipolar electrode plate contact quality detection system.
- Monopolar output can be controlled either by hand or foot, and monopolar/bipolar automatic output.
- This machine has a power-off protection circuit, which can memorize the output set Full-function automatic power compensation.
- Remote fault diagnosis.
- Human voice alarm function
- Passed EMC test.
- **Pure cut** : 1W~200W (Max. 400W, load 500 Ω); A high-frequency alternating current yields smooth, rapid cuts that evoke little to know hemostasis. (No-focus precision cutting, 100% cutting.)
- **Blend cut 1** : 1W~150W (load 500 Ω); Preset blended cut modes give the surgeon varying degrees of hemostasis in cut mode. (Superficial focal gamma accurate cutting 80% cutting, 20% coagulation.)
- **Blend cut 2** : 1W~150W (load 500 Ω); The mode is used for vaporization of prostatic tissue or any fat tissue. The higher output wattage gives fast cutting effect of the tissue. (60% cutting, 40% coagulation.)
- **ENDU Cut** : 99% (load 500 Ω); The mode is used to automatically controlled cut system to reduce the complication rate of endoscopic sphincterotomy (EST) and serum hyperamylasemia after EST compared to the conventional blended cut mode.
- **Spray coagulation** : 1W~100W (load 500 Ω); Spray output is made for direct coagulation at the tissue with spark. Above spark does not give any cutting effect as its CREST FACTOR is high. (Massive coagulation)
- **Desiccate coagulation** : 1W~120W (load 500 Ω); Coagulation in which the active electrode is in direct contact with the tissue is referred to as desiccation and is the type of coagulation used in most surgeries it ensures pinpoint desiccation with less destruction of peripheral tissue.
- **Standard bipolar coagulation** : 1W~70W (load 100 Ω); BI-COAG - For highly precise control over coagulation process and privations of carbonization. Power consumption of the whole machine: ≤ 1100VA. (cut function 350W);



01 Normal operation

- Ambient temperature range: 5 °C~40 °C;
- Relative humidity range: ≤ 80%;
- Atmospheric pressure range: 86.0~106.0kPa;
- Power supply: 220V±10%, 50±1Hz; or 110V±10%, 60±1Hz
- Working frequency: 416kHz;

02 Transportation and storage

- Ambient temperature range: - 40 °C~55 °C;
- Relative humidity range: ≤ 95%;
- Atmospheric pressure range: 50.0~106.0kPa.

Configuration List

Main unit	1 (PC)
Disposable hand switch	2 (PCS)
Disposable neutral plate	3 (PCS)
Disposable neutral plate cable	1 (PC)
Bipolar forceps	1 (PC)
Bipolar forceps cable	1 (PC)
Double foot switch	1 (PC)
Power cable	1 (PC)
GBXP5*20(5A) Fuse	2 (PCS)
GBXP5*20(5A) Fuse	1 (PC)
PACKING LIST	1 (PC)
USER'S MANUAL	1 (PC)
WARRANTY CARD	1 (PC)
QUALITY CARD	1 (PC)

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