

GEMIA - GmbH

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ISO 9001:2008
ISO 13485:2003
CE



- Remote fault diagnosis function.
- Full-function power automatic compensation.
- Automatic monitoring function and mistake indication function.
- High definition large LED indication, with audio & visual indication.
- Standard endoscopic interface comply with any brand endoscopies.
- Power-off protection circuit, which remembers last time output setting value.
- Underwater cut function, suitable for use with argon system, endoscope, uteroscope etc including organic cut in rich fat area.
- Six working modes, Monopolar output controlled by hand switch or foot switch; bipolar output controlled by foot switch.
- Independent output interface, ensured that only the opened interface can gives output, other closed interface has no output, which is more safe.
- With high performance neutral electrode contact inspection system, system will test and evaluate the effective contact area between electrode and derma, if the contact area was found low to a danger level, system will automatic cutout and gives alarm indication.
- Optional hand switch controlled power output (increase or decrease) function

Technical Specification

Technical Parameters:

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|---|----------------------------------|
| a) Ambient temp. range: 5°C ~ 40 °C; | b) Relative Humidity Range: ≤80; |
| c) Atmospheric Pressure Range: 86.0 ~ 106.0kpa; | d) Power: 220V±22V, 50Hz±1; |
| e) Operating Freq.: 330 ~ 460kHz; | f) Rated Power: 1100VA±10%; |
| g) Type: CF | |
- Power Consumption: ≤1100VA (Cut function 400W)

Six output mode:

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|-----------------------------------|-----------------------------------|
| a) Cut: 400W (Load 500Ω) | b) Blend 1: 250W (Load 500Ω) |
| c) Blend 2: 200W (Load 500Ω) | d) Spray Coag.: 120W (Load 500Ω) |
| e) Contact Coag.: 80W (Load 500Ω) | f) Bipolar Coag.: 70W (Load 100Ω) |
- Power: 220V±22V, 50Hz±1Hz

Application:

Applicable for general surgery, thoracic surgery, orthopedics, obstetrics and gynecology, urologic surgery, cerebral surgery, microsurgery, ENT surgery and etc.

- Cut: Pure cut, can make easy operation for any organic, the effect is refine cut, no escharosis on the surface.
- Blend 1: The effect is cut with coagulation.
- Blend 2: The effect is offering a better coagulation during cut.
- Spray Coag.: Called spray electrocoagulation, offers effective non-contact coagulation, Can use this function together with Argon.
- Contact Coag.: Called soft electrocoagulation, or called Point coagulation, small effect area, for a deep coagulation layer for organic. Can use this function together with Endoscope;
- Bipolar Coag.: Called rapid Bipolar coagulation, to provide coagulation function rapidly at foot, which can reduce misoperation rate during operation.

Transportation and Storage:

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| a) Ambient Temp. Range: -40 °C ~ 55 °C; |
| b) Relative Humidity: ≤95%; |
| c) Atmospheric Pressure: 500hpa ~ 1060hpa; |
| d) Product Size: 365*330*125mm (LxWxH) |
| e) Weight: N.W. 8 KG, G.W.11 KG |
| f) Packing size: 46*42*30 cm |

Standard Configuration

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|------------------------------------|--|
| a) Main unit: 1 pc | b) Double footswitch: 1 pc |
| c) Hand switch (Disposable): 2 pcs | d) Electrode plate (Disposable): 2 pcs |
| e) Electrode plate cable: 1 pc | f) Bipolar forceps: 1 pc |
| g) Bipolar forceps cable: 1 pc | h) Power cable: 1 pc |
| i) User's manual: 1 pc | j) Packing List: 1 pc |
| k) Guarantee card: 1 pc | |

