MEDA®

Professional Ultrasound

MD-480A
Phaco Emulsifier

Features

- All parts of the system are fully monitored and controlled by microprocessor technology
- Smooth and efficient control of emulsification with digital frequency tracing technology for handpieces
- Easy operations and user-friendly interfaces with large TFT touch screen and functional menus
- Up to 10 sets of parameters preset meet different requirements and simplify the surgery operation
- Automatic test checks tubing and handpiece problems (e.g. blocking or leakage)
- The peristaltic pump gives full control of aspiration flow rate and prevents anterior chamber from shallowing, giving stronger sution when working under I/A mode
- Built-in vitrectomy and cautery
- Intelligent voice reminder



Smaller & Easier & More Powerful

MD-480A Phaco Emulsifier

SPECIFICATIONS

- **Ultrasonic Emulsification (U/S)**

  1. Frequency: 40kHz
  2. Functional mode: Continuance, Pulse, Linear and Burst

  Continuance: Emulsifying Power Range 0~100%

  Pulse: Frequency Range 1~99Hz

  Linear: Emulsifying power linearly controlled by the footswitch, varies between 0~100%

  Burst: Burst-Stopping Time 1.5~0s

  Burst-Working Time 5~100ms

  3. Maximum Vacuum: 500 mmHg
  4. Maximum Flux Rate: 40 ml/min

- **Irrigation/Aspiration (I/A)**

  Flux Rate: 0~40 ml/min

  Reflux Rate: 20 ml/min

  Maximum Vacuum: 0~500 mmHg

- **Vitrectomy (VIT)**

  Cutting Power Source: Air pump

  Cutting Frequency: 20~600 cuts/min; or single-cut mode

  Maximum Vacuum: 500 mmHg (200Ω)

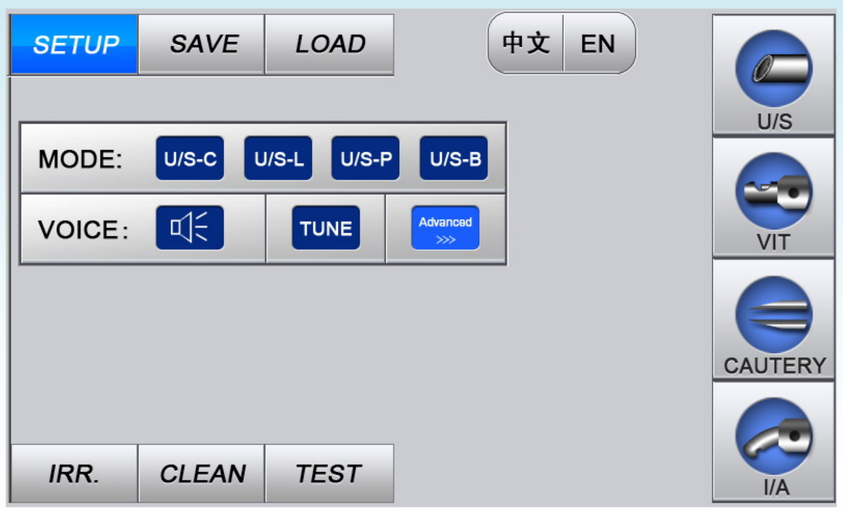
  Maximum Flux Rate: 40 ml/min

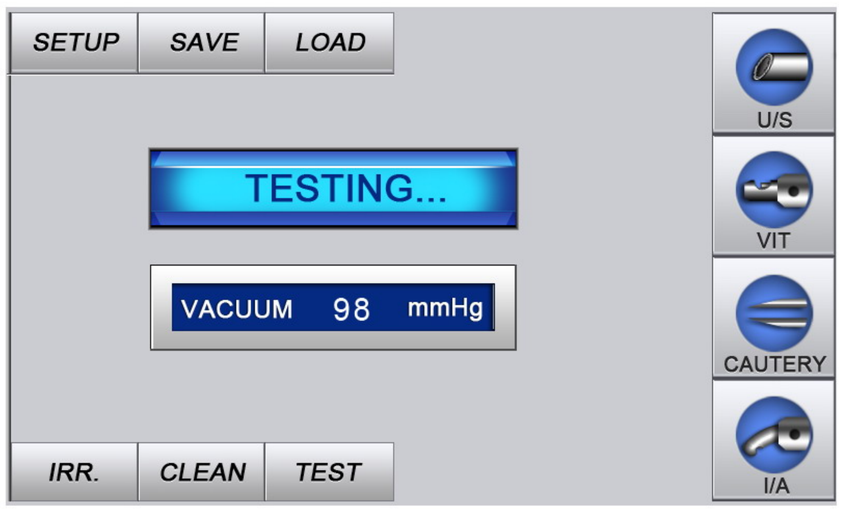
- **Cautery**

  Maximum Power: 10 W ± 20% (200Ω)

  Type: Bipolar

  Power preset between: 0~100%







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