

# MD-480A

## Phaco Emulsifier

### Description

- All parts of the system are fully controlled and monitored by Microprocessor Technology:
- Smoothly and efficiently controlling the emulsifier process with digital frequency tracing technology of handpiece
- Easy operation and user-friendly interface with large touch screen TFT and functional menu
- Up to 10 sets of parameters preset meets different requirements and simplifies the surgery operation
- Auto test checks tubing and handpiece problems (e.g.: block or leakage)
- The peristaltic pump gives complete control of aspiration flow rate as well as freedom from anterior chamber shallowing. This way can give stronger suction when working in I/A
- Built-in vitrectomy and cautery.
- Intelligent voice reminder



**Smaller & Easier & More Powerful**

## Specifications

### ■ Ultrasonic Emulsification(U/S)

1. Frequency: 40kHz
2. Functional mode: Continuance, Pulse, Linear, Burst  
Continuance-Emulsifying power Range: 0~100%  
Pulse: Frequency Range 1~99Hz  
Linear: Emulsifying Power Linearly controlled by Foot Switch, varies between 0~100%  
Burst-Stopping Time:1.5~0s  
-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  
Max Vacuum: 500 mmHg

### ■ Vitrectomy(VIT)

- Cutting Power Source: Air Pump  
Cutting Frequency: 20~600/min; Single Cut Mode  
Maximum Vacuum: 500 mmHg  
Maximum Flux Rate: 40 ml/min

### ■ Cautery

- Maximum Power: 10 W  $\pm$  20% (200 $\Omega$ )  
Type: Bipolar  
Power preset between: 0~100%

