

# 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**

# MD-480A Phaco Emulsifier

## 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 the Footswitch, varies between 0~100%  
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  
Max Vacuum: 0~500 mmHg

### ■ Vitrectomy (VIT)

- Cutting Power Source: Air pump  
Cutting Frequency: 20~600/min; 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%

