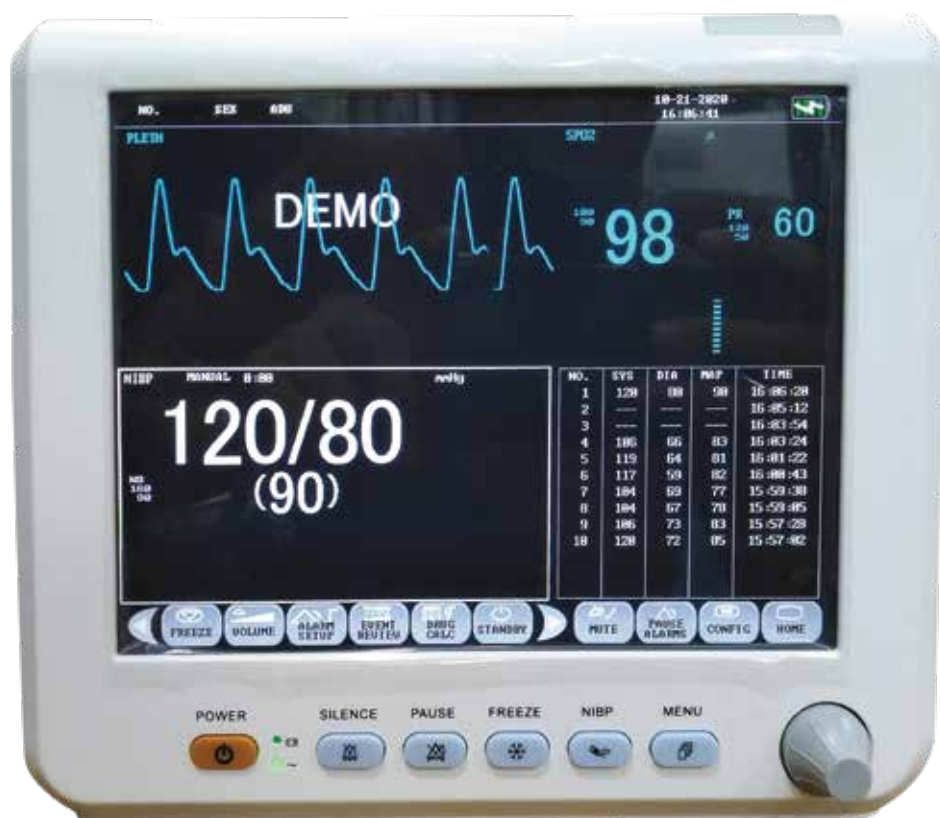


# EMS-8000B

# Esonic BIOTECH

## Multi-Parameter Patient Monitor



### Features:

- \* 8" High Resolution Color TFT Display, 5-channel waveform display
- \* Standard Parameters: SpO<sub>2</sub>, PR, NIBP
- \* Arrhythmia Analysis and ST Segment Analysis
- \* Up to 800 groups parameter data & 24-hour ECG waveform storage and recall
- \* 480-hour graphic and tabular trends for all parameters
- \* 5-Channel ECG waveforms display simultaneously
- \* Protection against interference from defibrillator, electrosurgical knife
- \* Adult / Pediatric / Neonatal measurement modes
- \* Visual and audible alarms; Networking capability
- \* Build-in rechargeable battery; Optional built-in thermal printer

# EMS-8000B

## Multi-Parameter Patient Monitor

### Technical Specification

#### NIBP Monitoring

**Measuring method:** Automatic measurement by intelligent oscillating method

**Cuff inflation time:** <30 seconds (typical adult cuff)

**Initial cuff inflation pressure:** Adult and infant mode: 180mmHg  
Neonate mode: 120mmHg

**Overpressure protection limit:** Adult and infant mode: 300mmHg  
Neonate mode: 120mmHg

**Measuring range: Systolic Pressure:**

Adult and infant: 25mmHg~265mmHg

Neonate: 25mmHg~135mmHg

**Diastolic Pressure:**

Adult and infant: 12mmHg~220mmHg

Neonate: 12mmHg~110mmHg

**Mean Arterial Pressure:**

Adult and infant: 18mmHg~245mmHg

Neonate: 18mmHg~120mmHg

**Measuring Accuracy**      Systolic  $\pm 10\%$   
                                    Diastolic  $\pm 10\%$   
                                    Map  $\pm 10\%$

**Measurement Mode**      Manual, Auto, STAT

#### SpO<sub>2</sub> & Pulse Rate Monitoring

**SpO<sub>2</sub> Measuring Range**      135%~100%

**Transducer**                      dual-wave length LED

**Low Perfusion capability**      0.4%~5%

**PR Measuring Range**              30bpm~250bpm

**PR Measuring Accuracy**         $\pm 2$ bpm

#### Standard Configuration

SpO<sub>2</sub>, NIBP & PR

#### Other Technical Specification

**power supply:** 100-250Vac, 50/60Hz

**power Consumption:** <80 VA

**Display mode:** 8 inches TFT color LCD

**Alarming mode:** Audible-visual alarm

**Networking por:** Ethernet port

#### Optional Configuration

IBP, EtCO<sub>2</sub> and Built-in printer

**Esonic**  
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