

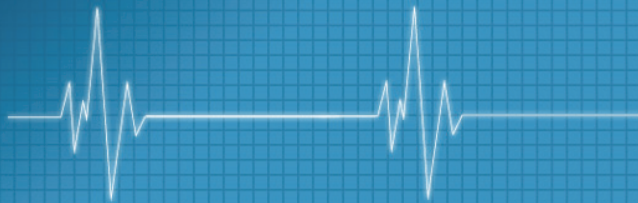
## MP-50

MP-50 is a high end hospital grade monitor designed for multi-bed units with central station yet simple enough for private practice, it offers the most advanced integrated monitoring for the delivery room in big hospital; private obstetrician's office; antepartum clinic. MP-50 are designed for use in moving situation covers the entire continuum of antepartum and intrapartum applications.



### FEATURES

- Basic parameters: FHR, TOCO, Event Mark, AFM
- Optional Dual FHR monitoring
- Optional Internal parameters: IUP/DECG
- 24 hours waveforms playback
- Optional Built-in wireless module
- 150/152mm wide paper printing
- Support American/International standard
- 1, 2, 3cm/min real-time printing speeds
- Quick printing for stored waveform
- Lithium battery for 4 hours continuous working
- 10.2 - inch high resolution color folding up LCD screen
- Probe rack and wall mounting rack
- Handle for easy carry
- Optional Fetal Stimulators
- Multi-crystal pulse wave Doppler waterproof transducer for FHR detection
- Signals Overlap Verification



## TECHNICAL SPECIFICATIONS

### PHYSICAL CHARACTERISTICS

- Dimensions: 347mm x 330mm x 126mm
- Weight: 6 kg. approx.

### DISPLAY

- 10.2 inches color TFT-LCD
- Resolution: 800 x 480

### PRINTING

- Recorder: 1,2,3/cm./min. real printing speed. Fast print speed (stored traces) up to 25mm/sec.
- Recording Paper: 150/152mm, Z-Fold, thermosensitive, American/International Standard

### ULTRASOUND

- Technique: Ultrasound Pulse Doppler with correlation
- Pulse repetition rate: 2 KHz
- Ultrasound Frequency: 1.0MHz±10%
- FHR range: 50bpm-240bpm
- Resolution: 1bpm
- Accuracy: ±2bpm

### DECG

- Technique: Peak - Peak detection technique
- FHR range: 30bpm-240bpm
- Resolution: 1bpm
- Accuracy: ±1bpm
- Input Impedance: >10M (Differential)
- Input Impedance: >20M (Common Mode)

### TOCO

- TOCO range: 0-100 Relative (%)
- Resolution: 1%
- Zero mode: Auto/Manual
- Non-linear error: ≤±10%

### IUP

- Pressure range: 0-100 mmHg
- Resolution: 1%
- Zero mode: Auto/Manual
- Non-linear error: ±3mmHg

### AUTO FETAL MOVEMENT (AFM)

- Technique: Pulsed Doppler ultrasound
- Range: 0-100 (%)
- Resolution: 1%

### MARKING

Manual fetal movement mark

### BATTERY

- 14.8 V rechargeable Lithium-ion battery
- Continuous working time: 2-4 hours

### COMMUNICATION PORT

DB9 network interface, RJ45 interface