

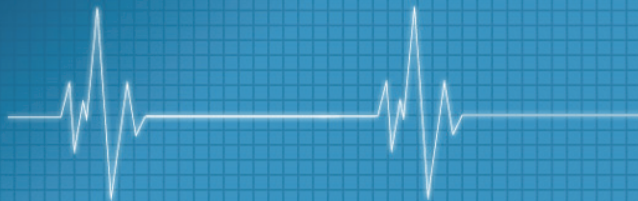
## MP-55

The MDPro MP-55 Express 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 hospitals, private obstetrician's offices and antepartum clinics. The MP-55 Express is designed for use in moving situations and 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