



# FM10

Fetal/Maternal Monitor



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## Features:

- 10.4 inch color TFT LCD screen. It can display waveform and data simultaneously.
- With function of FHR, TOCO, FM and curve of fetal activities.
- Calculation of auto/manual movement.
- Color of interface is adjustable.
- Alarm review.
- Auto/manual patient ID generation, easy user-management & data searching.
- Display/ offset of printing of twins FHR waveform.
- Three monitoring mode: fetal, fetal and maternal, maternal.
- Real-time printing and timing printing.
- Built-in high capacity rechargeable battery.
- Support paper-out cache, selectable printing and auto shutdown.
- Wired, wireless and hybrid central monitoring solution.

## Configuration:

- Standard configuration: FHR + TOCO + Fetal movement + battery + 110mm printer.
- Plus standard configuration: FHR + TOCO + Fetal movement + maternal ECG + NIBP + Temperature + pulse rate + SpO2 + respiration + battery + 110mm printer.
- Optional configuration: Twins FHR, wireless central monitoring, fetal awake-up alarm.

## Technical Specifications

### FHR

Ultrasound frequency: 1 MHz±1KHz  
 Ultrasound input intensity: <10MW/cm2  
 Range: 30~240bpm  
 Accuracy: ±1bpm  
 Alarm limit & tolerance: Max: (32~240)bpm, tolerance: ±5%  
 Min: (28~238)bpm, tolerance: ±5%

### TOCO

Measurement range: 0~100%  
 Resolution: 1%  
 Pressure tolerance: +6.7%  
 Zero-mode: Manual and Automatic

### Fetal Movement

Count mode: Automatic and manual  
 Automatic fetal movement waveform

### ECG

Input: 3 wires/5 wires ECG cable  
 Lead section: I, II, III, aVR, aVL, aVF, V  
 Gain selection: ×1/4, ×1/2, ×1, ×2, ×4 and automatic  
 Sweep speed: 6.25, 12.5, 25, 50mm/s  
 Heart rate range: 10~300bpm  
 Calibration: ±1mv

### SpO2

Display type: Waveform, data  
 Measurement range: 0~100%  
 Accuracy: ±2%  
 Pulse rate range: 30~250bpm  
 Accuracy: ±1bpm

### NIBP

Philosophy: Oscillometric method  
 Measurement type: adult, pediatric, neonate  
 Measurement parameter: Systolic, Diastolic, Mean  
 Measurement method: manual, automatic, continuous measurement  
 Unit: mmHg/kPa selectable  
 Accuracy: ±2 or 3mmHg

### Respiration

Thoracic impedance & nasal tube double method selectable  
 Measurement range: 0~120bpm  
 Accuracy: ±1bpm  
 Resolution: 1bpm

### Temperature

Number of channel: 2 channels  
 Resolution: 0.1°C  
 Display: T1, T2, ΔT

### Wide-line Printer

Printing paper: Foldable Z-type thermal paper  
 Width: 110mm  
 Sweep speed: 1, 2, 3cm/min, 25mm/sec

### Power Supply

Power requirement: 100~240VAC, 50/60Hz

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