

# F9 Fetal/Maternal Monitor

## ■ Specification

### Physical Characteristics

Dimensions: 347mm x 330mm x 126mm  
Weight: about 6.0 Kg

### Performance specifications

Display: 12-inch Color TFT-LCD  
Resolution: 800(H) x 600(V)  
Recorder: America Standard/ International Standard  
1/2/3 cm/min real-time printing speed  
Fast print speed (stored traces) up to 25mm/sec  
Paper: Z-fold, thermosensitive

### Battery

14.8V Rechargeable Lithium-ion Battery  
Continual Working time: 4 hours

### Ultrasound

Technique: Ultrasound Pulse Doppler with autocorrelation  
Pulse Repetition Rate: 2 KHz  
Ultrasound Frequency: 1.0MHz±10%  
FHR Range: 50 bpm-240 bpm  
Resolution: 1 bpm  
Accuracy: ±1 bpm

### DECG Channel

Technique: Peak-peak detection technique  
FHR range: 30bpm-240bpm (American Standard)  
50bpm-210bpm (International Standard)  
Resolution: 1bpm  
Accuracy: ±1bpm  
Input Impedance: >10M (Differential, DC50/60Hz)  
Input Impedance: >20M (Common Mode)

### TOCO

TOCO Range: 0%-100%,  
Resolution: 1%  
Zero Mode: Automatic/ Manual  
Non-linear: ±1mmHg

### IUP channel

Pressure Range (IUP): 0-100mmHg  
Resolution: 1%  
Zero Mode: Automatic/ Manual  
Non-linear: ±1mmHg

### Auto Fetal Movement (AFM)

Technique: Pulsed Doppler ultrasound  
Range: 0-100 (%)  
Resolution: 1%  
Fetal Movement Marking  
Manual fetal movement mark

### SpO<sub>2</sub>

Measuring Range: 0%-100%  
Resolution: 1%  
Measuring Accuracy: 90%-100% ±2%  
70%-90% ±4%

### PR

Measuring Range: 30BPM-240BPM  
Measuring Accuracy: ±2BPM

### NIBP

Systolic pressure: 50mmHg-240mmHg  
Mean pressure: 25mmHg-200mmHg  
Diastolic pressure: 15mmHg-180mmHg  
Resolution: 1 mmHg

### Temperature (TEMP)

Measuring Range: 28.0°C ~44.0°C  
Accuracy: ±0.2°C



## Features

Simple operation: Folded up screen, probe rack and wall mounting rack, handle for easy carrying, user-friendly GUI with 2 displaying modes and 4 color schemes

Powerful functions: 24 hours CTG storage, fast print for stored traces, Cross Channel Verification alerts when two FHR probes process the heart rate signal from the same source

Outstanding performance: 12-inch color screen, excellent algorithm, 12 crystal and 1MHz water-proof transducer for accurate detection

Configuration	F9	F9 Express
Dual-FHR	√	√
TOCO	√	√
FM	√	√
AFM	√	√
DECG	Opt	No
IUP	Opt	No
MECG	No	√
NIBP	No	√
MSPO <sub>2</sub>	No	√
TEMP	No	√
Fetal Stimulator	Opt	Opt
Lithium-ion Battery	Opt	Opt

Specification subject to change without prior notice



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