

fetal MONITOR

FM-9000 Series

Fetal & Maternal Monitor



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Quick setup and simplified work flow

Functional keys and knob provide various shortcuts to achieve functions for clinical use. The 'start' button could be configured to integrate patient info and printing. This could help the doctor to simplify the workflow and work with 1 button only.



Various printing options

FM-9000 series are compatible with 152 and 150 mm paper in either American or International standard. The recording information includes patient info, FHR waveform, TOCO waveform, Fetal movement, maternal heart rate and SpO₂ traces and so on.

The touch-screen, color display allows quick setup and optimized performance.

12.1 inches color touch screen



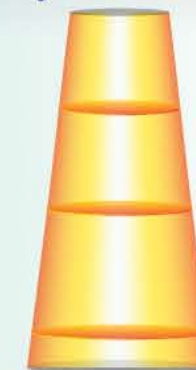
FM-9000 series fetal & maternal monitor provide solutions for all areas of fetal monitoring, ranging from antepartum, intrapartum, and postpartum clinical applications. With integrated monitoring of twins' FHR, uterine activity, fetal movement, intrauterine pressure and direct ECG as well as maternal NIBP, SpO₂, ECG and TEMP, FM-9000 series offer the most cost effective and flexible solution for all your fetal monitoring needs, without compromising quality, precision, performance and ergonomics.

Multi-display Modes



Switching among three display modes, user may choose the most suitable one for clinical use that allows care givers to evaluate maternal data simultaneously

12-crystal and 1MHz waterproof transducer



| Depth | 7-crystal | 9-crystal | 12-crystal |
|-------|-----------|-----------|------------|
| 40mm | | | |
| 80mm | | | |
| 120mm | | | |

Our 12-crystal ultrasound probe employs advanced technology unique to advanced, providing wider beam area and more homogeneous signal, thus realizing better performance for bedside monitors than conventional transducers.

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Support Solutions



Trolley



Wall Mount

Specification

Physical Characteristics

Dimensions: 347mm x 330mm x 126mm

Weight: Approx. 6 kg

Ultrasound

Technique: Ultrasound Pulse Doppler with autocorrelation

Pulse Repetition Rate: 2 KHz

Ultrasound Frequency: 1.0 MHz \pm 10%

FHR Measurement Range: 50 bpm ~ 240 bpm

Resolution: 1 bpm

Accuracy: \pm 1 bpm

Iob: <10 mW/cm²

TOCO

TOCO Range: 0% ~ 100%

Non-linear Error: \leq 10%

Resolution: 1%

Zero Mode: Automatic / Manual

AFM

Technique: Pulsed Doppler ultrasound

Range: 0 ~ 100 (%)

Resolution: 1%

HR

Measurement Range: 30 bpm ~ 240 bpm

Measuring Accuracy: \pm 2 bpm

PR

Measurement Range: 30 bpm ~ 240 bpm

Measuring Accuracy: \pm 2 bpm

TEMP

Measurement Range: 0 °C ~ 50 °C

Accuracy: \pm 0.2 °C

Power Supply

Operating Voltage: 100~240V~

Operating Frequency: 50/60 Hz

Battery: 14.8V/4400 mAh rechargeable Li-ion battery

Display Specifications

Display: 12.1 inches color TFT-LCD

Resolution: RGB 800 (W) \times 600 (H)

DECG

Technique: Peak-peak detection technique

DFHR Measurement Range: 30 bpm ~ 240 bpm

Resolution: 1 bpm

Accuracy: \pm 1 bpm

IUP

Pressure Range: 0 ~ 100 mmHg

Non-linear Error: \leq \pm 3 mmHg

Resolution: 1%

Zero Mode: Automatic / Manual

ECG

Manual control ECG waveform display

ECG falls off: Detect automatically

SpO₂

Measurement Range: 50% ~ 100%

Resolution: 1%

NIBP (for adult)

Systolic pressure: 40 mmHg ~ 270 mmHg

Mean pressure: 20 mmHg ~ 235 mmHg

Diastolic pressure: 10 mmHg ~ 215 mmHg

Resolution: 1 mmHg

Recorder

Recording Paper: Z-fold, 150/152mm thermosensitive paper

Recording Speed: 1/2/3 cm/min, 25 mm/sec for history data

| Configuration | Twins FHR | TOCO | FM | AFM | DECG/IUP | MCEG | NIBP | MSPO ₂ | TEMP | Fetal Stimulator | Lithium-ion Battery |
|---------------|-----------|------|----|-----|----------|------|------|-------------------|------|------------------|---------------------|
| FM-9000 | ✓ | ✓ | ✓ | ✓ | Opt | ✗ | ✗ | ✗ | ✗ | Opt | Opt |
| FM-9000Plus | ✓ | ✓ | ✓ | ✓ | Opt | ✓ | ✓ | ✓ | ✓ | Opt | Opt |



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