

FetalMonitor FM-3000



Obstetrics and Gynecology

OB and Gynecology

FM-3000

Fetal Monitor

The Advanced® FM-3000 Fetal Monitor is intended for non-invasive and invasive monitoring of fetus during antepartum examination, labor and delivery. The monitor provides non-stress testing for pregnant women from the 28th week of gestation. It can externally monitor the FHRs using ultrasound and uterine activity via a TOCO transducer.

Features

- Large numeric and waveform LCD color display.
- Advanced FHR Detection Technology.
- Signals Overlap Verification to differentiate twins FHR.
- FHR signals quality indicator helps optimize the probe position.
- Twins Function.
- Waterproof FHR probe.
- Built-in thermal printer.
- Flexible printing options.
- 15mm/sec fast printing speed of history traces.
- Large, built-up memory for seamless monitoring.
- USB port to enlarge storage capacity.
- RS232 interface.
- Insight software for data management on PC.
- CMS-1000FM network for remote monitoring Central station.
- CTG analysis capability.
- Multiple alarm functions.
- Multi-display modes.
- Remote event marker function.
- Fetal simulator (optional).
- Convenient to carry and transport.
- Lithium-ion battery for outpatient service (optional).
- Rolling stand or wall mount (optional).
- Voltage: 100V~240V/50/60 Hz.
- Meets ISO 13485 Quality Standard.
- Meets FDA 510(k) requirements.
- Two years warranty.



Multi-display Modes



Switching among three display modes, user may choose the most suitable one for clinical use.

2 YEARS
warranty

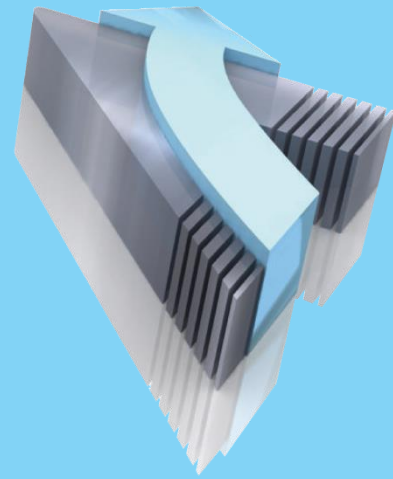
Technical Specifications

Physical Specifications	Dimensions Weight	350mm x 300mm x 104mm Approx. 3.5 Kg
Display	Screen Resolution	5.6 inches color TFT-LCD RGB 640 x 480
Ultrasound	Technique Pulse Repetition Rate Frequency FHR Measurement Range Resolution Accuracy IOB	Ultrasound Pulse Doppler with Autocorrelation 2 KHz 1.0 MHz ±10% 50bpm - 240 bpm 1 bpm ±2 bpm <10 mW/cm ²
Toco	Range Non-linear Error Resolution Mode	0% ~ 100% ±10% 1% / Zero Automatic - Manual
AFM	Technique Range Resolution	Pulsed Doppler ultrasound 0 ~ 100 (%) 1%
Manual Fetal Movement	Method:	Remote marker
Recorder	Recording Paper Recording Speed FHR printout width FHR scaling TOCO printout width TOCO scaling	Z-fold, 150/152mm thermosensitive paper 1/2/3 cm/min, 15 mm/sec for history data 70mm (American Standard) 80mm (International Standard) 30bpm/cm (American Standard) 20bpm/cm (International Standard) 40mm 25%/cm
Power Supply	Operating Voltage Operating Frequency Battery Working Time Cycle Life Charge Temperature Operating Temperature Relative Humidity Charge Mode	100~240V 50/60 Hz 14.8V/2500-5000 mAh rechargeable Li-on battery 2~5 hours (depending on configuration) ≥300 times 0°C ~ +50°C (+32°F ~ +122°F) -20°C ~ +60°C (-4°F ~ +140°F) 45% ~ 75% Constant current/ constant voltage
Configuration	Standard	TOCO / FM / AFM / USB / RS232 / Insight Software.
Optional	Configuration	FHR Probe (Twins Function) Fetal Simulator Lithium-ion Battery Rolling Stand Wall Mount

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