

Fetal Monitor 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

2018 Advanced Instrumentations Inc, is a U.S.A registered company – All rights reserved.

All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice or obligation. Advanced Instrumentations reserves the right to make changes to this document and the product described herein, at any time, without obligation on Advanced Instrumentations to provide notification of such change. Actual description and specification of the product in this document may be different. Images shown here are for representational purpose only, actual may vary.

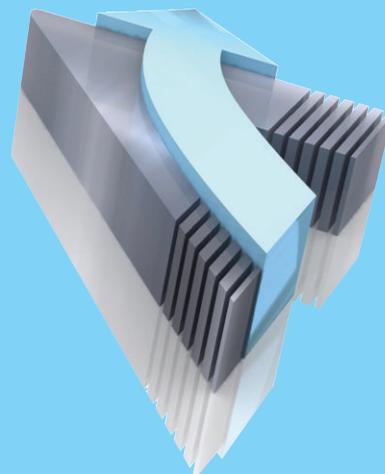
Advanced and Advanced Instrumentations trademarks and logos shown are property of Advanced Instrumentations Inc.

Success Through Quality/Since 1988

Advanced Instrumentations Inc.
Success Through Quality,
a Company You Can Trust

Advanced Instrumentations manufactures leading medical technology equipment in the areas of anesthesia, cardiology, operating room, gynecology and obstetrics, IV therapy, patient monitors, hospital furniture, neonatology and ultrasound. We deliver to the healthcare industry the highest-quality standards, reliability, and patient safety in all our products through effective, and rigorous testing procedures by our own department of Biomedical Engineering in the United States. All of our equipment comes with 2 years warranty and excellent post-sale support services.

Advanced Instrumentations Inc. Complies with the requirements of the ISO standards 9001: 2008 and 13485-2003 following the audit by one of the most prestigious global certification companies, as it is TÜV SÜD America. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.



6800 N.W. 77 Court,
Miami, FL 33166
U.S.A.
Phone: 305-477-6331
Fax: 305-477-5351

For additional information visit us at:
www.advanced-inst.com