Advanced Instrumentations

OBG

Fetal and Maternal Monitor

FM - 9000 Plus D

Obstetrics and Gynecology

O&G and Gynecology

FM-9000 Plus D

Fetal and Maternal Monitor

The Advanced® FM-9000 Plus D Fetal & Maternal Monitor is intended for non-invasive and invasive monitoring of fetus and for monitoring physiological parameters of the pregnant women, during anterpartum examination, labor and delivery. The Advanced® FM-9000 Plus D Fetal & Maternal Monitor provides non-stress testing for pregnant women form the 28th week of gestation. It can externally monitor the FHRs using ultrasound and uterine activity via a TOCO transducer. Alternatively, it can internally monitor one of the FHRs with DECG and Uterine activity with an IUPC. The unit also allows monitoring maternal: ECG, SpO2, Heart Rate, Non Invasive Blood Pressure (NIBP) and Temperature.

Features

Twins Function.
Large numeric and waveform display.
LCD color foldable display Touch screen.
Advanced FHR Detection Technology.
Signal overlap Verification of Differentiate twins FHR.
FHR signals quality indicator helps optimize the probe position.
Continuous monitoring of maternal parameters: ECG, NIBP, SpO2, HR, TEMP.
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
Direct Electrocardiography (DECG) and Intrauterine Pressure (IUP) functions.
Multiple alarm functions.
Remote event marker function.
Fetal stimulator (optional).
Telemetry systems compatible.
Convenient to carry and transport
Lithium-ion battery for outpatient service
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

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

2 YEARS warranty

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Technical Specifications

Physical Specifications	Dimensions Weight	347mm x 330mm x 126mm 6 Kg
Display	Screen Resolution	12.1 inches color TFT-LCD Touch Screen RGB 8000 (W) x 600 H
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 ±1 bpm <10 mW/cm2
Toco	Range Non-linear Error Resolution Zero Mode	0% ~ 100% ≤ 10% 1% Automatic - Manual
AFM	Technique Range Resolution	Pulsed Doppler ultrasound 0 ~ 100 (%) 1%
HR	Measurement Range Measuring Accuracy	30 - 240 bpm ±2 bpm
PR	Measurement Range Measuring Accuracy	30 - 240 bpm ±2 bpm
ECG	Manual Control ECG Falls Off	ECG Waveform Display Detect automatically
SpO_2	Measurement Range Resolution	50% - 100% 1%
NIBP (For Adult)	Systolic Pressure Mean Pressure Diastolic Pressure Resolution	40 mmHg ~ 270mmHg 20 mmHg - 235 mmHg 10 mmHg - 215 mmHg 1 mmHg
DECG	Technique DFHR Measurement Range Resolution Accuracy	Peak-peak detection 30bpm ~240bpm 1bpm ±1bpm
IUP	Pressure Range Sensitivity Non-linear Error Resolution Zero Mode	0 ~ 100mmHg 5μV/V/mmHg ± 3mmHg 1% Automatic / Manual
Temperature	Measurement Range Accuracy	0 °C - 50 °C ±0.2 °C
Power Supply	Operating Voltage Operating Frequency Battery	100~240V 50/60 Hz 14.8V/4400 mAh rechargeable Li-on battery
Recorder	Recording Paper Recording Speed	Z-fold, 150/152mm thermosensitive paper 1/2/3 cm/min, 25mm/sec for history data
Configuration	Standard	Twins FHR, TOCO, FM, AFM, NIBP, SpO2, TEMP, DECG, IUP, USB, RS232, Insight Software
Optional	Configuration	Fetal Simulator, Lithium-ion Battery, Rolling Stand Wall Mount

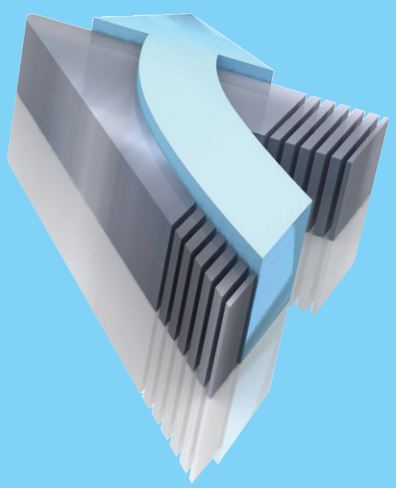
Success Through Quality/Since 1988

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.

ISO 13485:2003 CE TIPE



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