

FM-6000

Fetal & Maternal Monitor

Support Solutions



Trolley

Wall Mount

Specification

Physical Characteristics

Dimensions: 347mm x 330mm x 126mm
Weight: Approx. 6 kg

Display Specifications

Display: 10.1 inches color TFT-LCD
Resolution: RGB 800 (W) x 480 (H)

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 2 bpm
Iob: < 10 mW/cm²

DECG

Technique: Peak-peak detection technique
DFHR Measurement Range: 30 bpm ~ 240 bpm
Resolution: 1 bpm
Accuracy: \pm 1 bpm

TOCO

TOCO Range: 0% ~ 100%
Non-linear Error: \leq 10%
Resolution: 1%
Zero Mode: Automatic / Manual

IUP

Pressure Range: 0 ~ 100 mmHg
Non-linear Error: \leq \pm 3 mmHg
Resolution: 1%
Zero Mode: Automatic / Manual

AFM

Technique: Pulsed Doppler ultrasound
Range: 0 ~ 100 (%)
Resolution: 1%

Recorder

Recording Paper: Z-fold, 150/152mm thermosensitive paper
Recording Speed: 1/2/3 cm/min, 25 mm/sec for history data

Power Supply

Operating Voltage: 100~240V
Operating Frequency: 50/60 Hz
Battery: 14.8V/4400 mAh rechargeable Li-ion battery

fetal MONITOR

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Advanced Instrumentations, Inc.
6800 N.W. 77 Court Miami, Florida 33166 U.S.A.
Tel: 305 477 6331 Fax: 305 477 5351 www.advanced-inst.com



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FM-6000
REV. 01
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◀ Foldable color TFT screen

FM-6000 supports four viewing angles: 15°, 30°, 45°, 60° that give better optic angles for care givers.



◀ Quick setup and simplified workflow

Functional keys and knob provide various short-cuts 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-6000 is compatible with 152 and 150 mm thermal printing paper in either American or International standard. The recording information includes patient info, FHR waveform, TOCO waveform, Fetal movement and so on.

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Simple operation :

Foldable screen, probe rack and wall mounting rack, handle for easy carrying, user-friendly GUI with 4 optional color background.

Powerful functions :

24 hours CTG storage, fast print for stored traces, Signals Overlap Verification

Outstanding performance :

10.1 inches color screen, excellent algorithm, multi-crystal and 1MHz waterproof transducer for accurate detection.

Printer :

Built-in thermal array printer supports printing of FHR, TOCO and Fetal movement.

Communication :

Insight Software: as a data management software, Insight Software provides a solution for real-time data transmission to PC.

