

fetal MONITOR

FM-3000

Fetal Monitor



CMS-1000FM Central Nursing Station

Provides central monitoring solution with large capacity of 32 bedside fetal/maternal monitors including FM-3000.



FM-3000 Fetal Monitor

Convenient to Carry or Transport

Compact, portable and light weight (3kg)
Long life Lithium-ion battery for outpatient service

Easy to Read & Operate

5.6 inches foldable color TFT screen
Large numeric and waveform display
Simple work flow with silicone press buttons for operations

Advanced FHR Detection Technology

Signals Overlap Verification to differentiate twins FHR
FHR signal quality indicator helps optimize the probe position

Flexible Printing Options

Built-in thermoprinter
Print on 150/152 mm width recording paper
1/2/3 cm/min real-time printing speed
15 mm/sec fast printing speed of history traces

Powerful Data Management

12 hours built-up memory for seamless monitoring
CMS-1000FM network for remote monitoring
Insight software for data management on PC
USB port to enlarge storage capacity

With its elegant design, bright color screen, and enhanced functionality, FM-3000 fetal monitor would address the needs of obstetrical departments in both clinics and hospitals, FM-3000 is amazingly light weight and portable, which makes it suitable for outpatients service. With the latest technologies from Advanced, FM-3000 offers an extensive set of monitoring parameters such as FHR, TOCO, DECG, IUP and fetal movement.

Multi-display Modes



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

Simple Workflow



1 Knob Operation:

Using the knob only, you may carry out every configuration to customize the machine according to actual clinical needs.

1 Button Operation:

Start button could be configured to integrate patient info and printing. This could help the doctor to simplify the work flow and work with 1 button only.

1 MHz waterproof FHR Probe



The use of 1MHz probe enlarges the penetration and deepens the range of detection, which is significant and positive in fetal monitoring, especially for big pregnant women. Furthermore, it is also proved that the lower the detection frequency of the probe, the better protection to the tissues of fetus.



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Support Solutions



Trolley



Wall Mount

Specification

Physical Characteristics

Dimensions: 350mm x 300mm x 104mm
 Weight: Approx. 3 kg

Display Specifications

Display: 5.6 inches color TFT-LCD
 Resolution: RGB 640 (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
 /ob: <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%

Manual Fetal Movement

Method: Remote marker

Recorder

Recording Paper: Z-fold, 150/152mm thermosensitive paper
 Recording Speed: 1/2/3 cm/min, 15 mm/sec for history data

Power Supply

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



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

