

# F3

## Fetal Monitor

Support Solutions



Trolley



Wall Mount

# EDAN

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### 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/cm<sup>2</sup>

#### 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



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Care for Health

## MFM-CNS Central Nursing Station

Provides central monitoring solution with large capacity of 32 bedside fetal/maternal monitors including F3.



# F3 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  
MFM-CNS 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, F3 fetal monitor would address the needs of obstetrical departments in both clinics and hospitals. F3 is amazingly light weight and portable, which makes it suitable for outpatients service. With the latest technologies from EDAN, F3 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.

