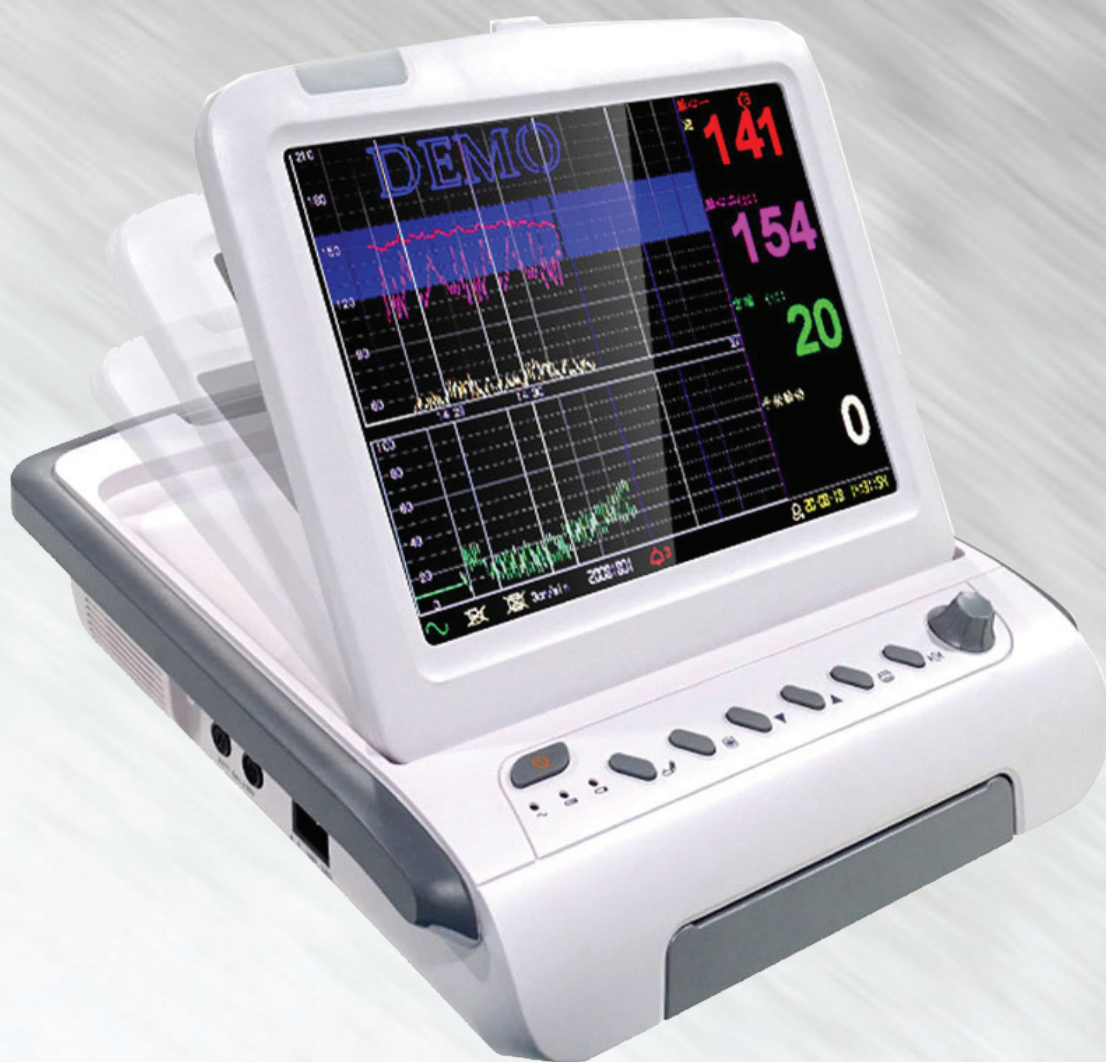




ESFD-900

Fetal Monitor



INTENSIVE CARES



Features

1. Light and compact design, simple to use front panel controls
2. 12.1" TFT Color screen folding 90 degree
3. The system setup can be done very easy and can be stored automatically
4. The internal line 152mm thermal printer can records FHR , TOCO,
5. A standard patient event marker and a clinical event marking button to separately mark Clinical events
6. Auto Fetal movement are available
7. Multi-crystals, wide beam form, high sensitivity ultrasound transducer, low ultrasound power, Safer to the fetal
8. AC or LI-battery operated
9. More than 12 hours data storage, then can be played and reprinted
10. Build-in interface to the central nurse station

Standard parameters: FHR, TOCO, FM

Optional parameters: Twins, ECG, NIBP, SpO2, RESP, TEMP, Touch screen



Technical parameters

Fetal heart rate:

Multi-wafer, wide wave beam, pulse working mode, high sensitivity
 Ultrasound intensity: <math>< 5\text{mW/cm}^2</math>
 Working frequency: 1.0 - 3.0MHz (optional)
 Measurement scope: 30-240bpm

Alarming scope:

upper limit: 160, 170, 180, 190 bpm
 lower limit: 90, 100, 110, 120 bpm
 Resolution: +1bpm
 Accuracy: +1bpm

Toco Pressure:

Measuring range: 0-100 (pressure unit)
 Nonlinear error: <math>< +10\%</math>

Fetal Movement:

Manual/automatic FM

Optional Specification

SPO2 (Pulse Oximeter):

Range: 70~100%
 Resolution: 1bpm
 Accuracy: 1%
 HR
 Range: 40~250bpm
 Resolution: 1bpm

NIBP

Measurement Unit: mmHg/Kpa selectable
 Over-pressure protection: software and hardware double safety protection
 Operation mode: Manual/Automatic/
 Auto measurement time: Adjustable (2~60min)
 Method: Digital Automatic oscillometric
 Measurement types: Systolic, Diastolic, Mean
 Resolution: 1 mmHg
 Accuracy: +5mmHg



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