

MEDECO 9000A 12.1" Fetal monitor



This series is a lightweight, compact fetal and maternal monitor, it can meet the need of whole stages of labor (including antepartum and intrapartum monitoring for fetus and mother),It also can be connected to the obstetrical central station.

Features:

1. light and compact design, simple to use front panel controls
- 2.12.1" TFT Colour 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 ,The life exceed over 20 years
- 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: TOCO, FHR, FM

Option: twin monitoring, FAS (Fetal acoustic simulator)

Technical Specifications

FHR

Transducer: Multi-crystals, wide wave beam, pulsed-wave working method, high sensitivity

Strength: $< 5\text{mW/cm}^2$

Working Frequency: 1.0MHz

Signal Processing: Special DSP system and modern recognition

Measurement Range: 50~240bpm

Alarm Range:

High Limit: 160, 170, 180, 190 bpm

Low Limit: 90, 100, 110, 120 bpm

Maximum Audio Output Power: 1.5 Watt

TOCO

Measurement Range: 0-100 units

Display

LCD shows the FHR trace, TOCO trace, FM, Doctor Event Mark, Time, Volume etc monitor state, and also it can store and playback.

Dimension: 350L × 320W × 85H (mm)

Net Weight: 3.5 kg

Environment:

Working Environment: Temperature: $+5^{\circ}\text{C} \sim +40^{\circ}\text{C}$

Atmospheric Pressure: 86kPa \sim 106kPa

Transport and Storage Temperature:

Humidity: $< 93\%$

Atmospheric Pressure: 86kPa \sim 106kPa

Transducer Acoustic Output:

Under the requirements laid down in IEC 1157, 1992, the peak negative acoustic pressure does not exceed 1Mpa. The output beam intensity does not exceed 20mW/cm² and the spatial-peak temporal average intensity does not exceed 100 mW/cm². The sound intensity of this monitor will not exceed 5mW/cm².

GEL

Viscous aqueous non-sensitizing, hypo-allergenic and non-irritating to skin. Bacteriostat (not sterile)