

CARDIOTECH GT-1400

Fetal Monitor



Large Storage
Capacity



10.2" Foldable
LCD Screen



4 Hours Continu-
ous Battery Life

Optional Parameters: IUP, DECG

Standard Parameters: FHR, TOCO, AFM, Fetal Movement

High-End Care

The CardioTech GT-1400 Fetal Monitor is an advanced, hospital-grade FHR machine designed for multi-bed units, fetal and maternal monitoring. The GT-1400 excels in high movement environments as a portable solution without compromising on accuracy. Additionally, the CardioTech GT-1400 features a long lasting lithium battery, 24 hours waveform playback and optional twin monitoring. With a built-in thermal printer, seamless connectivity and TOCO monitoring, the GT-1400 offers precise, reliable fetal monitoring.

Features

- Handle for easy carry
- Optional Fetal Stimulators
- Signals Overlap Verification
- 24 hours waveforms playback
- Optional Dual FHR monitoring
- 150/152mm wide paper printing
- Optional Built-in wireless module
- Quick printing for stored waveform
- Probe rack and wall mounting rack
- 1, 2, 3cm/min real-time printing speeds
- Optional Internal parameters: IUP/DECG
- Support American/International standard
- Basic parameters: FHR, TOCO, Event Mark, AFM
- Lithium battery for 4 hours continuous working
- 10.2 - inch high resolution color folding up LCD screen
- Configured For Twins Monitoring With Two FHR Probes
- Multi-crystal pulse wave Doppler waterproof transducer for FHR detection



Specifications

Physical Characteristics

Dimensions: 347mm x 330111m x 126mm
Weight: approx. 6 kg

Performance Specifications

Display: 10.2 inch color TFT-LCD
Resolution: 800x480
Recorder: 1/2/3/ cm/min real-time printing speed
Fast print speed (stored traces) up to 25mm/sec
Paper: 1 50/152 mm, Z-fold, thermo sensitive
American/International standard

Ultrasound

Technique: Ultrasound Pulse Doppler with autocorrelation
Pulse repetition rate: 2 KHz
Ultrasound frequency: 1.0MHz±10%
FHR range: 50bpm - 240bpm
Resolution: 1bpm
Accuracy: ±2 bpm

DECG

Technique: Peak - Peak detection technique
FHR range: 30bpm - 240bpm
Resolution: 1 bpm
Accuracy: ±1 bpm
Input Impedance: > 20M (Common Mode)

TOCO

TOCO range: 0-100 Relative (%)
Resolution: 1 count
Zero mode: Auto Manual
Non-linear error: 10%

IUP

Pressure range: 0 - 100 mmHg
Resolution: 1%
Zero mode: Automatic / Manual
Non-linear error: ±1mmHg
Auto Fetal Movement (AFM)
Technique: Pulsed Doppler ultrasound
Range: 0-100 (%)
Resolution: 1%
Marking
Manual fetal movement mark

Battery

14.8 V rechargeable Lithium-ion battery
Continual working time: 2-4 hours

Signal Interface

DB9 network interface, RJ45 interface