



CARDIOTECH GT-1400, GT-1400M & GT-1400I

FETAL MONITOR

The GT-1400 is a high end hospital grade monitor designed for multi-bed units with central station yet simple enough for private practice, it offers the most advanced integrated monitoring for the delivery room in big hospital; private obstetrician's office; antepartum clinic. The GT-1400 is designed for use in moving situation and covers the entire continuum of antepartum and intrapartum applications.

FEATURES

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

TECHNICAL 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, thermosensitive

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

CONFIGURATION	SINGLE FHR	TWIN FHR	TOCO	FM	AFM	DECG/IUP	FETAL STIMULATOR	LITHIUM-ION BATTERY
opt	√	opt	√	√	√	opt	opt	opt