

F₉ Fetal Monitor



Feathers:

- 12.1" color folding up touch-screen
- 24 hours waveforms playback
- 1 hour audio storage and playback
- Simultaneous audio/waveform playback
- 12 crystal pulse wave Doppler water-proof transducer
- 152mm wide paper support US/International standard
- 25mm/s quick printing for stored waveform
- USB interface for data transmission
- Rechargeable Lithium battery for 4 hours work
- Probe rack and wall mounting rack
- Handle for easy carry
- Optional Fetal Stimulator
- Optional built-in wireless module
- Cross channel verification
- Dual FHR and internal monitoring
- Insight[®] software for data transmission to PC

F₉ Fetal Monitor

Specifications

Size and Weight

Size:	347 x 330 x 126 mm
Weight:	6 kg

Operation Environment

Working Temperature:	5°C ~40°C
Humidity:	< 85%
Atmospheric Pressure:	86kPa-106kPa
Power supply:	100-240V AC, 50/60Hz

Performance specifications

Display	12.1" Color TFT-LCD
Resolution	800 x 600 Pixels
Recorder	America Standard International Standard
Standard Speed (Real-Time Traces):	1cm/min, 2cm/min, 3cm/min, Fast Print Speed (Stored Traces): Up to 25mm/sec.
Paper:	Z-fold, thermosensitive
Battery	14.8V Li-ion Rechargeable Battery Operation: minimum 4-hours

Ultrasound channel

Technique:	Ultrasound Pulse Doppler with autocorrelation
Pulse Repetition Rate:	2 KHz
FHR Range:	50bpm-240bpm
Resolution:	1bpm
Accuracy:	±2bpm

DECG channel

Technique:	Peak-peak detection technique
FHR Range:	50 ~ 210 BPM (international standard) 30 ~ 240 BPM (U S A standard)
Anti-artificial Identification	
Resolution:	1BPM
Accuracy:	±1 BPM
Calibration signal input:	1mv

TOCO channel

Technique:	Strain Gauge Sensor Element
TOCO Range:	0-100 Relative (%), 135g strength corresponding to 100%
Non-linear error:	10%
Resolution	1 count
Zero mode	Auto/Manual

IUP channel

IUP Range	0 ~ 100mmHg
Non-linear	±1mmHg.
Resolution	1 count
Zero mode	Auto/Manual

Auto Fetal Movement (AFM)

Technique:	Pulsed Doppler ultrasound
Range:	0-100 (%)
Resolution:	1%

Fetal Movement Mark

Manual fetal movement mark

FSPO₂

Pulse Rate:	0~250BPM
FSPO ₂ :	0% ~ 100%
Accuracy:	Pulse Rate : 30~240BPM, ±3BPM FSPO ₂ : ±1SD (1SD = 6%)
Sensor:	NELLCOR PURITAN BENNETT Fetal Oxygen Sensor (Reflectance Sensor)



Specification subject to change without prior notice