

# F<sub>9</sub> 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

# F<sub>9</sub> 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

### FSPO<sub>2</sub>

Pulse Rate:	0-250BPM
FSPO <sub>2</sub> :	0% - 100%
Accuracy:	Pulse Rate : 30-240BPM, ±3BPM FSPO <sub>2</sub> : ±1SD (1SD = 6%)
Sensor:	NELCOR PURITAN BENNETT Fetal Oxygen Sensor (Reflectance Sensor)



Specification subject to change without prior notice



ESSE 3 Via Garibaldi 30  
14002 Castelnuovo D.B.(AT) - I  
tel +39 011 99 27 706  
fax +39 011 99 27 506  
e-mail [esse3@chierinet.it](mailto:esse3@chierinet.it)  
web : [www.4ci.com](http://www.4ci.com)

