



# BFM-900L *lite* FETUS

Versatile and portable antipartum monitor

Top quality beyond  
absolute fetal monitoring

**BFM-900L** is customized for the special requirements of obstetrical care department. It is compact, but powerful, enough for inter-departmental transfer and it is sophisticated, but easy-to-use, enough for reliable communication with fetus.

BFM-900L captures fetal heart rate and uterine contractions and displays results on 7-segment LED. As well as user's configurable auto-time printing is provided with count down display.

A versatile and functional fetal monitoring equipment in portable size capable of monitoring dual fetal heart rate and UC contraction in user-friendly setting such as event marker and built in printer. It has been designed to make routine fetal monitoring simple and cost effective.

BFM-900L is the ultimate solution, providing rapid and convenient fetal assessment, non-stress testing and non-invasive labor monitoring.

## ● Technical Specifications

### ■ Ultrasound

- Multicrystal Transducer
- Pulsed Doppler
- Ultrasound Frequency : 2.0 MHz
- Intensity : <10mW/cm<sup>2</sup>
- FHR Range : 50 ~ 240 bpm
- FHR Accuracy : ±2% of range
- Dual Doppler
- Waterproof (IPX 7) : Optional

### ■ UC

- External Type
- Frequency Response : DC ~ 0.5 Hz
- Reference(Zero) Control
- Measurement Range : 0 ~ 99 units
- Waterproof (IPX 7) : Optional

### ■ FM (Fetal Movement)

- Detection Method : Ultrasound
- Dual FM

### ■ AST (Acoustic Simulator : Optional)

- Vibration Function Waking Fetus

### ■ Display

- 7-Segment
- Heart Rhythm
- Printing State
- Record Speed : 1,2,3 cm/min
- Auto Print 10, 20, 30, 40, 50, 60 cm/min
- Indicator : Power & Battery LED
- Record zoom, offset, Speed
- Alarm on/off State LED

### ■ Sound

- Doppler Sound with Volume Control
- HR Sound
- Key Sound
- Printer Paper Out
- Probe Fault
- Low Battery(Optional)
- Alarm Sound

### ■ Printer

- Thermal Array Roll Type(Width : 112mm)
- Record Speed : 1,2,3 cm/min
- Record Contrast : mode 1, 2, 3
- Auto Record Period : Off, 10, 20, 30, 40, 50, 60 min

### ■ Set-up

- Alarms Upper/Lower Value
- Time & Date
- Print Contrast 1, 2, 3
- Print Speed & Zoom
- FHR Volume Level

### ■ Function

- MARK Function
- UC Reference
- Zoom in Particular Response

### ■ Signal Interface

- RS-232 Serial Interface

### ■ Environmental Specifications

- Operating Temperature : 10 ~ 45°C (50~113°F)
- Storage Temperature : -10 ~ 50°C (14~122°F)
- Operating Humidity : 35 ~ 80% max, non-condensing
- Storage Humidity : 20 ~ 95% max, non-condensing
- Operating Pressure : 70 ~ 106KPa

### ■ Power Specifications

- Power Requirements : 100 - 240VAC, 50/60Hz, about 80VA
- Battery(Optional) : Rechargeable Li-ion battery: +11.1V, 4400mAh



### ■ Accessory >>



All specifications are subject to change without notice

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