

# FETAL MONITOR



## INTRODUCING BFM-900™, the compact and portable fetal monitor

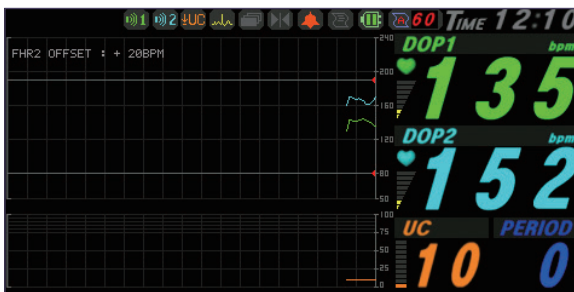


**BFM-900™**

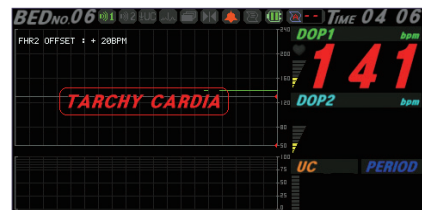
### FEATURES

- ➊ 7" Wide TFT Color LCD
- ➋ STANDARD configuration comes with Fetal HR, Twin Fetal HR, Uterine Contraction, \*Fetal ECG, \*Acoustic Stimulation and built-in printer (\* cables and probes are options)
- ➌ SUPPORTS 1 MHz ULTRASONIC Frequency
- ➍ Supports NST (Non-Stress Testing)
- ➎ 72 hours of Graphical and tabular trends of ALL parameters
- ➏ Option: CTG (Cardio-Toco Graph) Analysis Results Report
- ➐ Option: Central Monitoring System

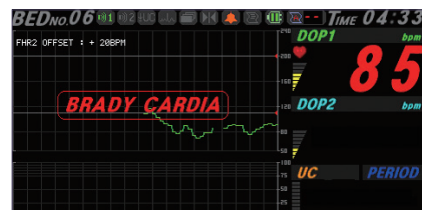
#### MAIN SCREEN: GRAPH-NUMERIC



#### SHOWING TARCHYCARDIA



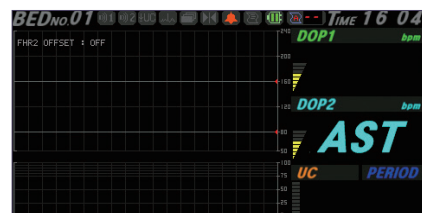
#### SHOWING BRADYCARDIA



#### MAIN SCREEN 2: NUMERIC



#### ACOUSTIC STIMULATION



# Technical Specification & Ordering information on BFM-900



## Measurement Parameters Ultrasound Doppler (US Doppler)

Pulsed Doppler  
 Ultrasound Frequency: 1.0 MHz  
 Strength: <10 mW / cm<sup>2</sup>  
 FHR range: 50-240 bpm  
 FHR tolerance: ± 2% of range  
 Double Doppler for TWINS motion detection

## UC (Uterine Contraction)

Skin Type  
 Frequency response: DC to 0.5 Hz  
 Reference (zero) adjustment  
 Measuring range: 0 ~ 99 units  
 printer Printing method: Thermal  
 Print speed: 1,2,3 cm / min  
 Print density: 1,2,3 steps  
 Automatic printing period:  
 10,20,30,40,50,60, off min  
 FHR Print area zoom function  
 FHR 2 Offset Function  
 FM On/Off Function  
 ROLL Type Paper

## Fetal ECG supported - cable is optional Acoustic Stimulation(AST) - AST probe is optional

## LCD

7-inch-Wide Graphic Color LCD with LED Backlight  
 Resolution: 480 X 234 pixels

## Indicators

Battery On (green LED)  
 AC Power (green LED)

## Display

Number of beds  
 Probe ID  
 Multi-screen status  
 Screen freezes  
 On / off status alarm  
 24 Hour Waveform Storage

## Ordering (Predefined configuration)

STD/OPT	Cat No	Trademarks, product description
STANDARD(STD)	BFM0900	BIONICS® BFM-900 7" Fetal Monitor (STANDARD PACKAGE)
OPTIONAL	BFM0901	BIONICS® BFM-900 7" Fetal Monitor (CTG PACKAGE)

CTG PACKAGE Cardio-TOCOGRAPHY (to monitor both the fetal heart and contractions of the uterus) package

## STANDARD(STD) Accessories & in-box items including

Monitor (1)  
 DOP transducer (2), TOCO transducer (1)  
 Event marker (1) / Roll paper for printer (1)  
 Ultra sonic gel 250ml (1) / Elastic fabric belt for probe fixing (3)  
 OPERATION MANUAL / Power cord (1)

## Sound

Volume control and Doppler sound  
 Information Sound  
 Alarm sound  
 HR operating sound  
 Key sound

## Print Status

Built-in type  
 Printer's automatic duration  
 AC status and low battery status  
 time  
 Heart rhythm  
 Operating channel Volume Status  
 FHR1 (DOP1) Value & Wave  
 FHR2 (DOP2) Value & Wave  
 UC value, bar & wave  
 UC period Show event

## External Connection

Ethernet & RS-232 port

## Specification

Size: 180 × 248 × 175 (mm)  
 Weight: 3.70 KG (including battery)  
 Power/Consumption: 100-240V, 50/60Hz, 80VA  
 DC Input: 15V, 3A  
 Battery: LI-Ion, 11.V, 4400mAh  
 Use time: 2 hours  
 Charging time: About 12 hours

## Use Environment

Temperature: (In use: 10°C ~ 45°C / Storage: -10°C~50°C)  
 Humidity: (In use: 30 ~ 85% / Storage: 20 ~ 95%)  
 Atmospheric pressure:  
 (In use: 70 to 106 kPa / Storage: 50 to 106 kPa)



PARAMETER INTERFACE



STANDARD PRINTER

## MOBILE STAND



Contents may be different and is subject to change without notice

### Manufacturing by BIONICS CO.,LTD

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