Fetal Monitor

Cost-Effective Single Fetus Monitor

**FC700**

- FHR (Fetal Heart Rate), UC (Uterine Contraction) and FM (Fetal Movement)
- Automatic fetal movement detection
- LED display of FHR and UC
- Easy-to-read A4 Size chart paper
- Use inexpensive fax paper
- Alarm on abnormal FHR

- High Sensitivity (1 MHz)
- S/W upgrade via internet through RS-232C
- Wireless central monitoring up to 8 beds (Option)

Bionet
## SPECIFICATIONS

### General Specifications

- **Dimensions:** 296(W) x 305.5(H) x 92.5(D)mm. Approx. 2.9kg
- **Display:** 7-Segment LED
  - 2 channels (HR, UC)
- **Recorder:** Method: Thermal print
  - Print speed: 1,2,3 cm/min
  - Paper feeding function

### Power Specifications

- **Power Adaptor:**
  - Input: 100-240VAC, 50~60Hz, 1.2A
  - Output: 18VDC, 2.5A
- **External Link:**
  - RS-232C: Program Download, Central System Connection (option)

### Environmental Specifications

- **Temperature range:**
  - Operating temperature: 10~40°C
  - Storage temperature: -10~60°C

### Performance Specifications

#### Fetal Heart Rate

- Input signal: Ultrasound pulsed doppler
- Ultrasound frequency: 1.0Mhz
- Ultrasound power: <10mW/cm²
- FHR detection method: Auto correlation
- FHR range: 50 ~ 240 bpm
- FHR accuracy:
  - 120 ~ 160 bpm: ±1 bpm
  - Except 120 ~ 160: ±2 bpm

#### Uterine Contraction

- Input source: Externanal transducer with strain gauge
- Reference(zero) control: One touch switch
- Measurement range: 0~99 units

#### Fetal Movement Measurement

- Detection source: Ultrasound pulsed doppler

### Accessory

- **Standard**
  - Ultrasound doppler probe: 1ea
  - UC probe: 1ea
  - Event marker: 1ea
  - Print paper: 2ea
  - Power adaptor & cord: 1ea
  - Ultrasound gel: 1ea
  - Probe belt: 2ea
  - Operation manual: 1ea

*Specifications subject to change without prior notice.*