



# Fetal Monitor



Color LCD Twin Fetus Monitor

# FC1400

- \* FHR (Fetal Heart Rate), UC (Uterine Contraction) and FM (Fetal Movement)
- \* Twin Capability
- \* Automatic fetal movement detection
- \* 320 x 240 Color LCD viewer
- \* Alarm on abnormal FHR
- \* High Speed printout of stored data
- \* Easy-to-read A4 & B5 Size chart paper
- \* Use inexpensive fax paper
- \* Easy on-screen access with scrolling function
- \* Durable watertight probes
  - 12 hours of memory capacity
  - High Sensitivity (1 MHz)
  - S/W upgrade through RS-232C
  - Wireless central monitoring up to 8 beds (Option)
  - Internal battery lasting 2hours (Option)



## SPECIFICATIONS

### ■ General Specifications

|                   |  |
|-------------------|--|
| <b>Dimensions</b> | 296(W) × 305.5(H) × 97.5(D) mm.Approx.3.2kg(without battery)   |
| <b>Display</b>    | 4.7" STN Color LCD(320×240)  |
| <b>Recorder</b>   | Method : Thermal Array Print<br>Resolution : 8(vertical)/10(horizontal)dot/mm<br>Print speed : 1, 2, 3, 50cm/min<br>Paper feeding function |

### ■ Power Specifications

|                          |  |
|--------------------------|--|
| <b>Power Adaptor</b>     | Input : 100 ~ 240VAC, 50~60Hz, 1.2A<br>Output : 18VDC, 2.5A<br>Power fail protection |
| <b>Battery(Optional)</b> | Ni-MH (12V, 2600mA)  |
| <b>External Link</b>     | RS-232C : Program Download, Central system connection(Optional)                      |

### ■ Environmental Specifications

|                          |   |
|--------------------------|---|
| <b>Temperature range</b> | Operating temperature : 10~40°C<br>Storage temperature : -10~60°C |
|--------------------------|---|

### ■ Performance Specifications

|                                   |   |
|-----------------------------------|---|
| <b>Fetal Heart Rate</b>           | Input signal : Ultrasound pulsed doppler<br>Ultrasound frequency : 1.0Mhz<br>Ultrasound power : <10mW/cm <sup>2</sup><br>FHR detection method : Auto correlation<br>FHR range : 50 - 240 bpm<br>FHR accuracy<br>- 120 ~ 160 bpm : ±1 bpm<br>- Except 120 ~ 160 : ±2 bpm |
| <b>Uterine Contraction</b>        | Input source : External transducer with strain gauge<br>Reference(zero) control : One touch switch<br>Measurement range : 0 ~ 99 units  |
| <b>Fetal Movement Measurement</b> | Detection source : Ultrasound pulsed doppler<br>Recording Method :<br>Spike-like 2 waveforms on Uterine activity sector denote relative intensity and duration of Fetal Movement.   |
| <b>Data storage</b>               | Storage for 12hours   |

### ■ Accessory

|                 |                      |        |
|-----------------|----------------------|--------|
| <b>Standard</b> | US probe             | 2ea    |
|                 | TOCO probe           | 1ea    |
|                 | Event marker         | 1ea    |
|                 | Print paper          | 2rolls |
|                 | Power adaptor & cord | 1ea    |
|                 | Ultrasound gel       | 1ea    |
|                 | Probe belt           | 3ea    |
|                 | Operation manual     | 1ea    |
| <b>Option</b>   | Rechargeable battery | 1ea    |

\*Specifications subject to change without prior notice.



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