

# Fetal Monitor



## Color LCD Twin Fetus Monitor

# FC1400

- FHR(Fetal Heart Rate), UC(Uterine Contraction) and FM(Fetal Movement)
- Twin FHR Capability
- Automatic Fetal movement detection
- 4.7"(320×240) 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 US probes
- ✓ 12 hours of memory capacity
- ✓ High Sensitivity(1 MHz)
- ✓ S/W upgrade through RS-232C
- ✓ Auto CTG Analysis
- ✓ Wireless central monitoring up to 16 beds(Optional)
- ✓ Internal battery lasting 2hours (Option)



■General Specifications																	
Dimensions	296(W) × 305.5(H) × 97.5(D)mm, Approx.2.9kg(without battery)																
Display	4.7"STN Color LCD(320×240)																
Recorder	Method : Thermal Array print Resolution : 8(vertical) , 10(horizontal)dot/mm Print speed : Real time traces(1, 2, 3 cm/min) , Storage traces(50cm/min) Paper feeding function																
■Power Specifications																	
Power Adaptor	Input : 100 - 240VAC, 50 - 60Hz, 1.2A Output : 18VDC, 2.5A Power fail protection																
Battery(Optional)	Ni-MH(12V, 2600mA)																
External Link	RS-232C : Program download, Central system connection(Optional)																
■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/cm <sup>2</sup> FHR detection method : Auto correlation FHR range : 50 - 210 bpm FHR accuracy · 120 - 160 bpm : ±1 bpm · Except 120 - 160 : ±2 bpm																
Uterine Contraction	Input source : External transducer with strain gauge Reference(zero) control : One touch switch Measurement range : 0 - 99 units																
Fetal Movement Measurement	Detection source : Ultrasound pulsed doppler																
Data Storage	Storage for 12 hours																
Auto CTG Analysis	Average Baseline FHR Number of UC Number of Acceleration Number of Deceleration · Late Deceleration · Early Deceleration · Variable Deceleration High Episode Low Episode Short term variability Signal loss *CTG Analysis results is printed out every 10 minutes. (Intermediate Report)																
■Accessory																	
Standard	<table border="0"> <tr> <td>Ultrasound doppler probe</td> <td>2ea</td> </tr> <tr> <td>UC probe</td> <td>1ea</td> </tr> <tr> <td>Event marker</td> <td>1ea</td> </tr> <tr> <td>Print paper</td> <td>2rolls</td> </tr> <tr> <td>Power adaptor &amp; cord</td> <td>each 1ea</td> </tr> <tr> <td>Ultrasound gel</td> <td>1ea</td> </tr> <tr> <td>Probe belt</td> <td>3ea</td> </tr> <tr> <td>Operation manual</td> <td>1ea</td> </tr> </table>	Ultrasound doppler probe	2ea	UC probe	1ea	Event marker	1ea	Print paper	2rolls	Power adaptor & cord	each 1ea	Ultrasound gel	1ea	Probe belt	3ea	Operation manual	1ea
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Option	Rechargeable battery 1ea																



\*Specifications subject to change without prior notice.

\*You may have distortion or signal noise when you use nonstandard or other brand's accessories.  
We strongly recommend you use only the authorized accessories which we supply.



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