

FC1400 FETAL MONITOR

bionet

Specifications

Physical & Display

Dimension(mm)	290(W) x 92(D) x 300(H)
Weight(Kg)	2.9
Display	Color TFT Touchscreen
Size	7"
Resolution	800 x 480
Control Keys	Power Key, Funtion Key(Smart key pannel)
Display Information	Date/Time, Patient name or ID, Bed ID, USB Connection, Print state, Network connection, Alarm volume/size/setting state, Battery capacity, FHR parameters, Uterine Contraction parameters, Main Menu, FHR Trends, The trends in the real-time degrees of uterine contraction and fetal movements

Performance

FHR (Fetal Heart Rate)	Input Signal : Ultrasound pulsed doppler
Detection Method	Autocorrelation
Range	50 to 210 bpm ± 2% 이내
Operating Mode	PWD Mode
UC (Uterine Contraction)	· Input Source : External Transducer with strain gauge
Reference Control	One touch switch Auto zeroing
Range	0 to 99
Ultrasound Transducer	Type : 7-crystal
Frequency	1.0 MHz
Pulse Repetition Frequency	3125 Hz
Spatial-Peak Temporal Average Intensity	<10mW/cm2
Auto CTG Analysis	· Average Baseline FHR · Number of UC · Number of Acceleration · Number of Deceleration : Late, Early, Variable *CTG Analysis results are printed out every 10 minutes.
Data Storage	Storage for 72 hrs
Communication	LAN, Wi-Fi, USB, SD

Printer

Speed	· 1, 2, 3 cm/min(Real-time) · 20 cm/min(Trace, 1 cm/min setting) · 30 cm/min(Trace, 2, 4 cm/min setting)
Resolution	Thermal Array Print, Roll Type Report Paper



Environmental Specifications

Temperature	
Operating	10 to 40 °C
Storage	-20 to 60 °C
Humidity	
Operating	30 to 85%
Storage	10 to 95%
Altitude	
Operating	700 to 1060 hPa
Storage	500 to 1060 hPa

Power Specifications

Adaptor	*USE THE ONLY BridgePower Corp. BPM050S18F02
Line Voltage	100 to 240 VAC
Current	1.5 to 0.7 A
Frequency	50/60 Hz
Battery	Rechargeable Lithium ion 10.8 V 3,250mAh charging : 4 hrs discharging : 2 hrs

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