

Antepartum Fetal Monitor

BT-350

BT-350 is showing you what fetus is saying.



The BT-350 is a microprocessor-based fetal monitor, providing continuous monitoring, display and recording of fetal heart rate(FHR) and uterine contraction(UC) for antepartum testing and monitoring.

- **Twin FHR (dual pulsed Doppler)**
 - **High-sensitivity from the 0.985MHz & waterproof probe**
 - **Probe holder(4 probe holders on both side)**
 - **Multiple language support**
 - **Built-in quick guide (LCD type only)**
 - **Interpretation function**
 - **CCV(cross channel verification) function**
 - **Data saving(450hours) and USB function**
 - **GE / Philips paper compatible**
 - **Rechargeable battery (1 hour operation : option)**
 - **Desktop and wall mount installation**
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- **Power-on Self-test**

The monitor performs a self-test each time when it is turned on. This process allows the monitor to check various systems for proper operation. When the test is successfully completed, the BT-350 will display the monitoring screen.



- **Interpretation Function**

BT-350 has CTG analysis function. If this function is selected, the analysis result is displayed on the screen and paper. Also, in trend mode, analysis result is displayed on the last page of each patient's data.



< CTG mode >



< Trend mode >

- **Data Saving and USB Function**

BT-350 has a data saving function. The total saving capacity is 450hours. It is able to save 3 hours for each patient, so that it accommodates 150 patient data. Also, when you connect USB Memory Stick to the device, the data can be stored in the USB Memory Stick.

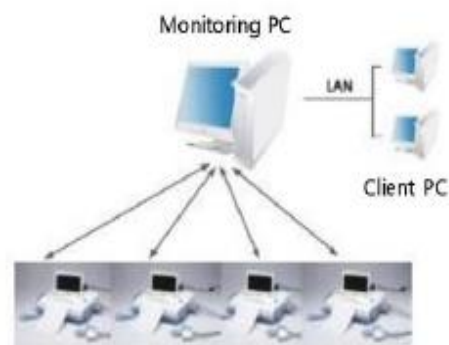
- **CCV (Cross Channel Verification) Function**

BT-350 has CCV function. When DOP1 fetal heart rate is the same with DOP2 fetal heart rate during using two Doppler to the pregnant women, special icon will be appeared and alarm will be activated.

- **PC Interface (BCM-350 Central Monitoring System)**

BCM-350 is an integrated program of NST central monitoring system and networking system.

- Remote control up to 8 monitors (BT-300, BT-350 and other monitors manufactured by Bistos)
- Wire(RS232C) or wireless(Bluetooth/Wifi) connection
- Fetal heart sound record and play



BT-350 Fetal Monitor



Specifications : BT-350 Fetal Monitor

L : BT-350L Color LCD		E : BT-350E LED	
Functional Characteristics			
FHR		UC(TOCO)	
Method	Pulsed Doppler (Twin)	Frequency Response	DC ~ 0.5Hz
Detection Technique	Autocorrelation	Measurement Range	0 ~ 100units
Ultrasound Frequency	0.985MHz	External Type	
FHR Range	30 ~ 240 / 50 ~ 210bpm ±2%	Reference(Zero) Control	
Ultrasound Intensity	10mW/cm ² or less	Sound	
FHR Resolution	1bpm	Doppler Sound	
FM		Alarm Sound	Exceed HR limit
Auto Twin Detection		Information Sound	Probe Disconnection, Door Open
Display		No Paper, Low battery	
Channel	3(FHR 1, FHR 2, UC)	Function	
Type	7" TFT Color LCD (L) 7 Segment LED (E)	Auto Print	Off, 10, 20, 30, 40, 50, 60min
Printer		FHR 2 Offset	
Paper Type	Z-fold, 150mm(W), 13.5m(Length)	Zoom-in	
Printer Type	Thermal Array	FM Graph Print	
Print Speed	1, 2, 3cm/min, 10cm/min(Trend)	Event Mark	
Paper Feeding		Auto FHR Trend Interpretation	
Set-up		CCV(Cross Channel Verification)	
Alarm	Upper / Lower Limit	Multi-language (L)	
Print	Speed, Contrast	Quick Guide (L)	
Time & Date		Power On Self Test (L)	
PC Interface		Patient Name & ID (L)	
Wire (RS232C)	S/W : BCM-350	Trend	
Wireless (Bluetooth/Wifi)	S/W : BCM-350	Data Saving (L)	450hrs(3hrs/person)
Power		Data Transfer to USB Memory	
Adaptor	Input : AC 100 ~ 240V (50/60Hz) Output : DC 18V/2.5A	Consumption	80VA
Standard Configuration			
Doppler Probe	2ea	UC Probe	1ea
Event Mark Jack	1ea	Print Paper	2ea
Probe Belt	3ea	Operation manual	1ea
Power Adaptor & Cord	1ea	Ultrasound Gel(250ml)	1ea
Probe Holder	2ea		
Options			
Rechargeable Battery	14.8V Li-ion	AST(Acoustic Stimulator)	
Cart		Central Monitor	Bluetooth/Wifi or Multi-port
Wall Mount Bracket			
Warranty			
Main Unit	1 years	Probe	1year
Physical Characteristics			
Dimension		Weight	
Main Unit	326(W) x 276(D) x 96(H)mm	Main Unit	2.8Kg
Packing	405(W) x 360(D) x 240(H)mm	Packing	5.9Kg
Environmental Conditions			
Operating Temperature	10 ~ 40°C (50 ~ 104°F)	Storage Temperature	-20 ~ 60°C (-4 ~ 140°F)
Operating Humidity	5 ~ 85% non-condensing	Storage Humidity	0 ~ 95% non-condensing
Certificates			
Certificates	KFDA, CE, FDA	Standard	IEC60601-1, IEC60601-1-2
Waterproof	DOP & UC Probe : IPX8		IEC60601-2-37