

Antepartum Fetal Monitor

BT-350

BT-350 is showing you what fetus is saying.

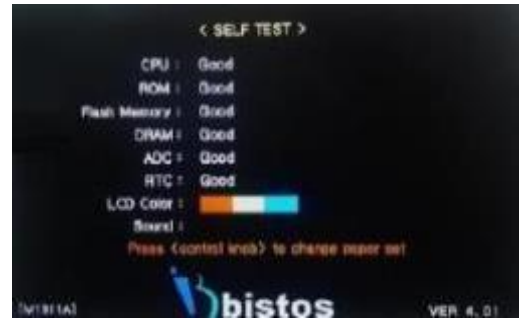


The BT-350 is a microprocessor-based fetal monitor, providing continuous monitoring, display and recording of fetal heart rate(FHR) and uterine contraction(UC) for antepartum testing and monitoring.

- **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**

- **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.

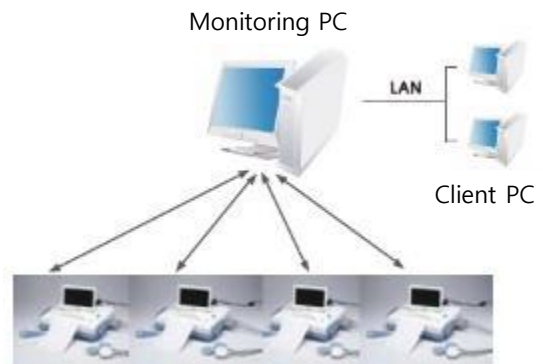
- **CCV (Cross Channel Verification) Function**

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



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) |
| | | Data Transfer to USB Memory | |
| Power | | | |
| 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 | 2years | 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 |

* All specifications can be different by country and are subject to change without notice.