

## Antepartum Fetal Monitor

# BT-300

**BT-300 is showing you what fetus is saying.**

Convenient, portable and easy to use. BT-300 is the best antepartum fetal monitor that meets user's satisfaction with all of these distinctive features :



The BT-300 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)**
- **Compact and light (191 x 187 x 201mm, Approx. 5Kg)**
- **High-sensitivity from the 0.985MHz & waterproof probe**
- **Probe holder(4 probe holders on both side)**
- **Rechargeable battery (1 hour operation : option)**

## Specifications : BT-300 Fetal Monitor

Functional Characteristics			
FHR		UC(TOCO)	
Type	Pulsed Doppler (Twin)	Frequency Response	DC ~ 0.5Hz
Algorithm	Autocorrelation	Measurement Range	0 ~ 100units
Ultrasound Frequency	0.985MHz	External Type	
FHR Range	30 ~ 240bpm ±2%	Reference(Zero) Control	
Ultrasound Intensity	10mW/cm <sup>2</sup> or less		
FHR Resolution	1bpm		
FM		Display	
Auto Twin Detection		Channel	3(FHR 1, FHR 2, UC)
Printer		Type	7-Segment LED
Paper Type	Z-fold, 130mm(W), 20.5m(Length)	FHR Quality (Heart Symbol)	Green(Stable), Red(HR Searching)
Printer Type	Thermal Array		
Print Speed	1, 2, 3cm/min	Set-up	
Paper Feeding		Alarm	Upper / Lower Limit
Sound		Print	Speed, Contrast
Doppler Sound		Time & Date	
Alarm Sound	Exceed HR limit	Function	
Information Sound	Probe Disconnection, Door Open No Paper, Low battery	Auto Print	Off, 10, 20, 30, 40, 50, 60min
		FHR 2 Offset	
PC Interface		Zoom-in	
Wire (RS232C)	S/W : BCM-350	FM Graph Print	
Wireless (Bluetooth/Wifi)	S/W : BCM-350	Event Mark	
<b>Power</b>			
Adaptor	Input : AC 100 ~ 240V (50/60Hz) Output : DC 18V/2.5A	Consumption	80VA
<b>Standard Configuration</b>			
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
<b>Options</b>			
Rechargeable Battery	14.8V Li-ion	AST(Acoustic Stimulator)	
Cart		Central Monitor	Bluetooth/Wifi or Multi-port
<b>Warranty</b>			
Main Unit	2years	Probe	1year
<b>Physical Characteristics</b>			
Dimension		Weight	
Main Unit	187(W) x 201(D) x 191(H)mm	Main Unit	5Kg
Packing	420(W) x 280(D) x 290(H)mm	Packing	6.2Kg
<b>Environmental Conditions</b>			
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
<b>Certificates</b>			
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.