



**Total Health care for everyone**

## Product

- | Fetal Monitor
- | Fetal Doppler
- | Patient Monitor
- | Vascular Doppler
- | Head lamp
- | Phototherapy
- | Infant Incubator

# Fetal Monitor

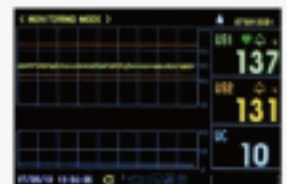


## BT-350 LCD Monitor / LED Monitor

- ◆ 7" TFT color LCD / Large size LED
- ◆ Desktop & Wall mount
- ◆ Display mode variation
  - Graph mode, Number mode, Trend mode
- ◆ Multi language support : 12 Languages
- ◆ Trend : 450 hours (3 hours/patient)
- ◆ Diagnosis function



BT-350E



BT-350L

## BT-300 LED Monitor

- ◆ Clear display & Sound
- ◆ Compact & Light (Extreme mobility)
- ◆ Easy to use each function
- ◆ High sensitivity ultrasound probe
- ◆ Carrying bag



Carrying bag



Acoustic stimulator



Specifications		BT-300	BT-350E	BT-350L
FHR	US Frequency		1 MHz	
	FHR Range		30 ~ 240bpm	
FM			Auto-detection & Print	
UC			Range : 0 ~99	
Printer	Type		Thermal Array Type	
	Speed		1,2,3cm/min, high	
	Auto Print (min)		Off, 10,20,30,40,50,60	
Function			FHR II Offset	
Power			Auto FM Print	
Warranty			AC 100 ~ 240V (50 ~ 60Hz)	
Display		LED	LED	7" color LCD
Diagnosis		-	-	0
Others	Multi-language	-	-	0
	Trend(Data Save)	-	-	450hours
Central monitoring system			BCM-350 ( RS-232C / Bluetooth )	
Option			Rechargeable battery, Acoustic stimulator	

# Fetal Doppler



BT-200S



BT-200L / 200T



BT-200C

## BT-200 Sound / Mono / Color

- ◆ FHR LCD / OLED display
- ◆ High quality sound
- ◆ High sensitivity probe (2,3MHz)
- ◆ Hand-held style
- ◆ Low battery indicator
- ◆ Waterproof Probe



Black

White

Blue



BT-220S



BT-220L



BT-220C

## BT-220 Sound / Mono / Color

- ◆ 2.4" Color LCD display
- ◆ Acoustic stimulator
- ◆ Air Temp. & Humidity
- ◆ Body fat analysis
- ◆ Mother HR function
- ◆ Rechargeable battery (optional)
- ◆ Variable choice of color
- ◆ Waterproof Probe



## BT-250 Desktop Doppler

- ◆ 3.2" Color LCD display
- ◆ Data Save : 4 Hours
- ◆ Multi languages support
- ◆ Built-in rechargeable battery
- ◆ High quality sound
- ◆ High sensitivity(2MHz)
- ◆ Compact & Light
- ◆ Waterproof probe

Specifications	BT-200S	BT-200L	BT-200C	BT-200T	BT-220S	BT-220L	BT-220C	BT-250
US Frequency	2 MHz		3 MHz		2 MHz			
FHR Range	-	50~240		-	30~240			
Display	-	Mono	Color	Mono	-	Mono	2.4" TFT	3.2" TFT
Battery Time (hours)	6						4	5
Power	1.5V AA battery							100~240V
Trend	-	-	-	-	-	-	O	O
Acoustic Stimulator	-	-	-	-	O	O	O	-
Body Fat Analysis	-	-	-	-	-	-	O	-
Mother HR	-	-	-	-	-	-	O	-
Air Temp. & Humidity	-	-	-	-	-	-	O	-
Rechargeable Battery	Option							O

# Patient Monitor



## BT-750 Multi-parameter Patient Monitor

- ◆ 10.4" Color LCD display
- ◆ ECG(2ch), SpO<sub>2</sub>, NIBP, Temp.(2ch), IBP, RESP.
- ◆ PVC and ST level display Pacemaker detection
- ◆ Detection of 12 kinds of arrhythmia
- ◆ Trend : 72 hours
- ◆ Central monitoring system (LAN)



## BT-700 Vital Sign Monitor

- ◆ 3.2" LCD display
- ◆ SpO<sub>2</sub>, NIBP, Temp.
- ◆ Trend : 4 hours
- ◆ Compact and light
- ◆ Easy F/W upgrade (USB)
- ◆ Apply nurse call state
- ◆ SpO<sub>2</sub> – (700S)
- NIBP – (700N)
- SpO<sub>2</sub>+NIBP – (700)
- Temperature – (optional)

Specifications		BT-700	BT-750
Display		3.2" color LCD	10.4" color LCD
Battery Operating Time		3 hours	3 hours
SpO <sub>2</sub>	Measuring Range	0 ~ 100%	0 ~ 100%
	Pulse Rate	70 ~ 100% ±3 20~250 bpm ±3	70 ~ 100% ±3% 20 ~ 300 bpm ±2%
NIBP	Measuring Mode	Auto, Manual, STAT	Auto, Manual, STAT
	Auto Mode(min)	1,2,3,4,5,10,15,30 45,60,90,120,240	1,3,5,10,30,60,90,120, 240
	Adult Systolic	30 ~ 250mmHg	50 ~ 255mmHg
	Adult Diastolic	20 ~ 210mmHg	30 ~ 220mmHg
	Adult Mean	20 ~ 235mmHg	40 ~ 235mmHg
	Neonate Systolic	20 ~ 120mmHg	30 ~ 130mmHg
	Neonate Diastolic	10 ~ 100mmHg	20 ~ 100mmHg
ECG	Neonate Mean	10 ~ 110mmHg	25 ~ 120mmHg
	Lead	-	3/5 leads
	HR Range	-	20 ~ 300 ±3%
Resp	Sweep Speed	-	12.5, 25, 50 mm/s
	Method	-	Transthoracic impedance
	Range	-	0 ~ 150 breaths/min
Temp	Sweep Speed	-	6.25, 12.5, 25 min/s
	Range	-	30 ~ 45°C ±0.1°
<b>Options</b>			
Temp		30 ~ 45°C ±0.1°	-
Printer		-	2", 50mm/s
IBP		-	2 channels
EtCO <sub>2</sub>		-	0

**BT-200** Vascular Doppler



- ◆ Compact and light
- ◆ High-Sensitive Doppler Probe
- ◆ 4 Ranges of probes
- ◆ Easy to use
- ◆ Low power consumption
- ◆ Long time continuous use (6 hours)

Specifications	BT-200V
US Frequency	4, 5, 8 MHz
HR Range	50 ~ 240 bpm
Power	1.5V AA Type Battery
Battery Using Time	6 hours

**BT-410** LED Head Lamp



Full set



Astral lamp



Loupe



- ◆ Light & comfortable
- ◆ Low battery display
- ◆ Quick battery recharge
- ◆ Ultra bright LED
- ◆ Easy to adjust Head band
- ◆ More than 50,000 hours LED life
- ◆ loupe (Optional)
- ◆ Astral Lamp (Optional)

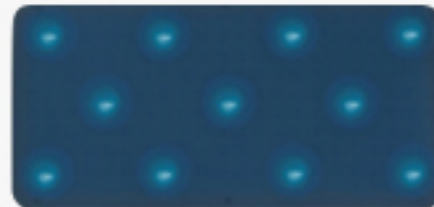
Specifications	BT-410
Illumination	30,000 lux / 50,000 lux (with astral lamp)
Color temperature	6,000 Kelvin
Battery Module	Output : 3.7V Operating time : 4 hours Service life : 800 cycle Capacity : 2,200 mA
Charger	Type : Li-ion (built-in protected circuit module) Input : AC 100 ~ 240v, 50 / 60 Hz Output : DC 4.2V / 750 mA Charging time : 4 hours
Standard Accessory	Battery pack(1cell), Charger, Manual
Optional Accessory	Astral lamp, Loupe (3x), additional battery

# Phototherapy

## BT-400 Phototherapy



- ◆ Lamp : Blue LED
- ◆ High Intensity of Radiation
- ◆ Long life time (about 20,000 hours)
- ◆ Compact design
- ◆ Flexible geese neck
- ◆ Wide effective area
- ◆ Time counter
- ◆ Easy to Use



Power 11 LED



Time Counter & Clamp



Cart (optional)

Specifications	BT-400
<b>Light Source</b>	Intensity : 55 ~ 130 $\mu\text{W}/\text{cm}^2/\text{nm}$ Variation in intensity over 6 hours : < 10% Life time : about 20,000 hours Effective area : 40 x 20 cm Wave Length : Peak between 450~475 nm
<b>Power</b>	Input : AC 100 ~ 240V (50/60Hz) Consumption : about 80VA
<b>Heat Output</b>	Over 6 hours : < 10°C
<b>Time counter</b>	Operating time, Total operating time
<b>Audible Noise</b>	< 60dB
<b>Dimension</b>	Main unit : 7.5cm(H) x 34cm(L) x 21cm(D) Cart : 120cm(H) x 43cm(L) x 52cm(D)
<b>Warranty</b>	2 years
<b>Optional Accessory</b>	Cart, Eye shielder

**BT-500** Infant Incubator



Full set

- ◆ Stable Air / Skin temperature control
- ◆ Accurate humidity control
- ◆ Comfortable & soft tilting structure
- ◆ 7" Color LCD Display
- ◆ Powerful Lifting cart (optional)
- ◆ SpO2 / O2 Monitoring (optional)



Control unit



SpO2 & Camera



Humidifying module



X-ray tray

Specifications	BT-500	
<b>General</b>	Display : 7" color TFT LCD Double wall hood Weight : 55 kg (exclude stand) Mattress tilt : 12° Air velocity : below 10cm/s (at 10cm above the center of ,mattress)	
<b>Dimension</b>	Main body : 102cm(W) x 61cm(D) x 76cm(H) Mattress : 73cm(W) x 39cm(D) x 27cm(H)	
<b>Air temperature</b>	Normal mode : 23.0°C ~ 37.0°C ±0.3°C (Override mode : 37.1°C ~ 39.0°C ±0.3°C)	
<b>Skin temperature</b>	Normal mode : 35.0°C ~ 37.5°C ±0.3°C (Override mode : 37.6°C ~ 39.0°C ±0.3°C)	
<b>Humidity</b>	Setting range : 40 ~95% (display : 15~99% ±5% RH) Hybrid control : Ultrasonic & Steam humidity	
<b>Option</b>		
<b>Fixed stand</b>	-Dimension : 100cm(W) x 81cm(D) x 80cm(H)	-Weight : 36 kg
<b>Lifting stand</b>	-Dimension : 100cm(W) x 81cm(D) x 62 ~ 82cm(H)	-Weight : 40.5 kg
<b>Weighing scale</b>	Measurement : 0~10Kg ±50g	
<b>SpO2 &amp; CCD Camera</b>	SpO2 Range : 1%~100% ±2 digit (MASIMO module) CCD resolution : 510 x 492 pixel	
<b>O2 Module</b>	Measurement range : 18% ~ 100% ±5%	
<b>TV plate</b>	-Dimension : 40cm x 32cm	-Weight limit : 11kg
<b>Shelf</b>	-Dimension : 33cm x 20cm	-Weight limit : 3kg



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## Specifications : BT-710 Handheld Pulse Oximeter

<b>Functional Characteristics</b>	
<b>SpO2</b>	
Display range	0% ~ 100%
SpO2 display resolution	1%
SpO2 accuracy	Adult/Pediatric : 70 ~ 100% $\pm$ 2%
	Neonate : 70 ~ 100% $\pm$ 3%
	0 ~ 69% : unspecified
SpO2 alarm preset limits	Upper alarm limit : 86% ~ 100%
	Lower alarm limit : 85% ~ 99%
SpO2 alarm preset accuracy	$\pm$ 1%
SpO2 alerting signal generates delay	No delay
SpO2 value refresh period	1s/time
SpO2 value refresh delay	< 10s
Average period	Low sensitivity : 7 ~ 8s
	Intermediate sensitivity : 4 ~ 6s
	Advanced sensitivity : 2 ~ 3s
Alarm condition delay period	Low sensitivity : < 8s
	Intermediate sensitivity : < 6s
	Advanced sensitivity : < 3s
Alarm sign generates delay period	0s
<b>Pulse Rate</b>	
Measuring range	25 ~ 250bpm
Resolution	$\pm$ 1bpm
Accuracy	$\pm$ 2% or $\pm$ 2bpm, whichever is greater
<b>Display</b>	
Type	Color TFT touch screen LCD
Size	4.3"
<b>Function</b>	
Sleep mode	
Perfusion index	
Multi-language	
Trend	168hours
<b>Alarm</b>	
SpO2 alarms	SpO2 high/low
	PR high/low
	PI high/low
System alarms	Spo2 sensor no/off/error
	SpO2 search timeout/pulse
	SpO2 signal unstable
	SpO2 board failure
	Low perfusion
	Too much light
	Battery low
	System will shutdown
<b>PC Interface</b>	
SD card interface	S/W upgrade
<b>Others</b>	
Liquid Inlet Protection Grade	IPX2
<b>Power</b>	
Adaptor	Input : AC 100 ~ 240V (50/60Hz)
	Output : DC 5V/2A
Rechargeable battery	3.7V Li-ion 3,800mA
	Operating time : 8hrs
	Charging time : 4hrs

<b>Standard Configurations</b>	
Adult SpO2 probe	1ea
Carrying pouch	1ea
Operation manual	1ea
Power adaptor	1ea
<b>Physical Characteristics</b>	
<b>Dimension</b>	
Main unit	84(W) x 34.5(D) x 158.5(H)mm
Packing (one unit)	201(W) x 106(D) x 69(H)mm
Carton box (10ea)	355(W) x 230(D) x 220(H)mm
<b>Weight</b>	
Main unit	300g
Packing (one unit)	620g
Carton box (10ea)	6.6Kg
<b>Environmental Conditions</b>	
Operating temperature	10 ~ 40°C (50 ~ 104°F)
Operating humidity	5 ~ 85% non-condensing
Storage temperature	-20 ~ 60°C (-4 ~ 140°F)
Storage humidity	0 ~ 95% non-condensing
<b>Warranty</b>	
Main unit	2 years
Optional sensor & accessory	1 year
<b>Certificates</b>	
KFDA, CE	