

Infant Warmer

BT-550



- Far infrared heater
- APGAR timer
- 7" TFT color LCD display
- Swivel head
- LED examination lamp
- Correct weighing scale ($\pm 10g$)

Overview



Swivel Head (Left90 & Right90)



LED Examination Lamp



Heat Source

3 brightness : low, mid, high



7 inch TFT LCD Display with Apgar Timer



Tripod water level



Tilting (15° ±2° to backward or forward)



Three sides open protective barriers



Lifting Stand (option)



Both sides Drawers

- **Configuration**

Standard Temperature servo control, Fixed stand, X-ray tray, 2 pcs skin temp. sensor

Options IV pole, IV plate, Lifting stand, Weighing scale, Basket, Masimo SpO2, Tilt bed, Oxygen delivery

- **Alarm**

6 events Power fail, Sensor disable, Skin temp. high, Skin temp. low, baby check, Head rotation

Specifications : BT-550 Infant Warmer

Functional Characteristics			
Temperature (Servo Control)		Infrared Heater	
Servo Control	Prewarm / Baby / Manual	Manual Control Range	0 ~ 100%, 20levels
Skin Display Range	26 ~ 42°C ±0.3°C	Output Power	600W
Skin Control Range	34 ~ 38°C (in Baby Mode)	Mode	Prewarm, Baby, Manual
		Life Time	5,000hrs
Display		APGAR	
Type	7" TFT Color LCD	Setting Range	0sec ~ 59min 59sec
Alarm(Visual & Sound)	6 Events Alarms	Indicating Beep	1, 5, 10min
Examination Lamp		Function	
LED	40W(10W x 4ea)	Microprocessor Controlled	
Brightness Control	3levels	Rotation of Head	90° (Left, Light both Directions)
Illumination	> 7,000lx	Tripod Water Level	
		X-ray Tray	
Weighing Scale (Option)		Masimo SpO2 (Option)	
Measurement Range	0 ~ 10.0Kg ±10g	SpO2 Range	1~ 100%
Tilt (Option)		SpO2 Accuracy	70 ~ 100% ±3digits
Angle	±15°		0 ~ 69% : Unspecified
IV Plate (Option)		Pulse Rate Range	25 ~ 240bpm ±3digits
Weight Limit	Approx. 11Kg		
PC Interface		Basket (Option)	
RS232C		Weight Limit	Approx. 10Kg
Power			
Input	AC 110/220, 50/60Hz	Output	AC 110/220, 50/60Hz, Max.400VA
Standard Configuration			
Temperature Sensor	2ea	Operation manual	1ea
Power Cord	1ea		
Options			
Lifting Stand		Ringer Pole	
IV Plate		Weighing Scale	
Basket		Masimo SpO2	
Tilting Bed		Oxygen Delivery	
Warranty			
Main Unit	2years		
Physical Characteristics			
Dimension		Weight	
Standard	1,027(W) x 690(D) x 1,890(H)mm	Standard / Full Option	83Kg / 98Kg
Stand Fixed / Lifting	725(H) mm / 615 ~ 815(H)mm		
Mattress	495(W) x 810(D) x 27(H)mm		
Packing	1,150(W) x 750(D) x 1,550(H)mm	Packing	126Kg(Full Option)
Environmental Conditions			
Operating Temperature	18 ~ 30°C (64.4 ~ 86°F)	Storage Temperature	-10 ~ 60°C (14 ~ 140°F)
Operating Humidity	0 ~ 95% non-condensing	Storage Humidity	0 ~ 95% non-condensing
Certificates			
Certificates	KFDA	Standard	IEC60601-1, IEC60601-1-2 IEC60601-2-21

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

Specifications : BT-710 Handheld Pulse Oximeter

Functional Characteristics	
SpO2	
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
Pulse Rate	
Measuring range	25 ~ 250bpm
Resolution	\pm 1bpm
Accuracy	\pm 2% or \pm 2bpm, whichever is greater
Display	
Type	Color TFT touch screen LCD
Size	4.3"
Function	
Sleep mode	
Perfusion index	
Multi-language	
Trend	168hours
Alarm	
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
PC Interface	
SD card interface	S/W upgrade
Others	
Liquid Inlet Protection Grade	IPX2
Power	
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

Standard Configurations	
Adult SpO2 probe	1ea
Carrying pouch	1ea
Operation manual	1ea
Power adaptor	1ea
Physical Characteristics	
Dimension	
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
Weight	
Main unit	300g
Packing (one unit)	620g
Carton box (10ea)	6.6Kg
Environmental Conditions	
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
Warranty	
Main unit	2 years
Optional sensor & accessory	1 year
Certificates	
KFDA, CE	



Bio Signal Total Solution

Fetal Monitor
Fetal & Vascular Doppler
Patient Monitor
Infant Incubator
Infant Warmer
Phototherapy
Breast Pump
Thermometer
Head Lamp

 **bistos**

Fetal Monitor



BT-380 Fetal & Maternal Monitor

- 1MHz Frequency with Twin Doppler
- 10.1" Color Touch Screen
- Fetal Monitoring : FHR, UC, DECG
Maternal Monitoring : ECG, NIBP, SpO2, TEMP
- Option: DECG, Rechargeable battery, Acoustic Stimulator, Wifi, Cart

BT-350 LCD Fetal Monitor

- 1MHz Frequency with Twin Doppler
- 7" color TFT LCD Display
- CTG Analysis
- Option : Rechargeable battery, Acoustic Stimulator, Carrying bag, Cart



BT-350 LED Fetal Monitor

- 1MHz Frequency with Twin Doppler
- Large 7 Segment LED Display
- Waterproof Probe (IPX 8)
- Option : Rechargeable battery, Acoustic Stimulator, Carrying bag, Cart

BT-300 LED Fetal Monitor

- 1MHz Frequency with Twin Doppler
- Waterproof Probe (IPX 8)
- Option : Rechargeable battery, Acoustic Stimulator, Carrying bag, Cart



Fetal & Vascular Doppler

BT-200 Fetal Doppler

- 2/3 MHz Frequency
- Various Display Type (Sound only, LCD, Color)
- Waterproof Probe
- FHR and Sound management



BT-220 Fetal Doppler

- 2/3 MHz Frequency
- 2.4" Color LCD Display with FHR Trend Display
- Acoustic Stimulator Function
- BMI and Body fat Analysis



BT-250 Fetal Doppler

- 2/3 MHz Frequency
- 3.2" color TFT LCD Display with FHR Trend Display
- Rechargeable Battery



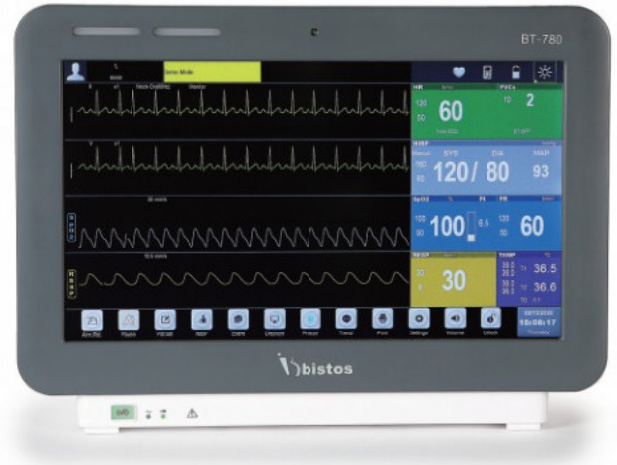
BT-200 Vascular Doppler

- 2, 4, 5, 8 MHz Frequency
- LCD Display
- Interchangeable Waterproof Probe
- Low Battery Indicator

Patient Monitor

BT-780 Patient Monitor

- ECG, Resp., SpO2, NIBP, Temp., CO₂, IBP, Multi-gas, C.O.
- 15.6" Color Touch Screen
- Ultra slim design
- 5 hours operation on battery
- Smart Hook & stand
- HL 7 support
- Option : CO₂, IBP, Multi-gas, C.O., Printer, Masimo SpO2, WIFI



BT-770 Patient Monitor

- ECG, Resp., SpO2, NIBP, Temp., CO₂, IBP, Multi-gas, C.O.
- 12.1" Color Touch Screen
- Ultra slim design
- 5 hours operation on battery
- Smart Hook & stand
- HL 7 support
- Option : CO₂, IBP, Multi-gas, C.O., Printer, Masimo SpO2, WIFI

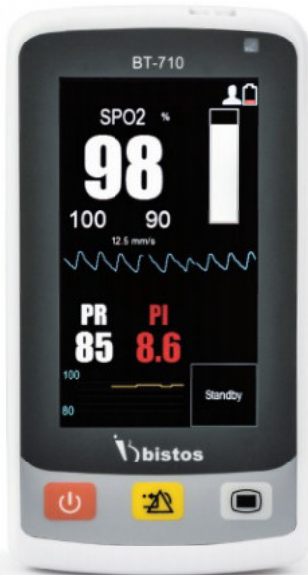
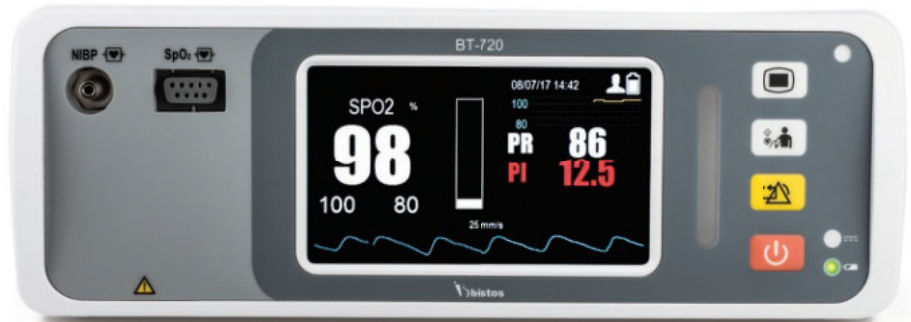


BT-740 Patient Monitor

- ECG, Resp., SpO2, NIBP, Temp., CO₂, IBP, Multi-gas, C.O.
- 8.4" Color Touch Screen
- Ultra slim design
- 6 hours operation on battery
- Smart Hook & stand
- HL 7 support
- Option : CO₂, IBP, Multi-gas, CO, Printer, Masimo SpO2, WIFI

BT-720 Vital Sign Monitor

- SpO2, Pulse
- 4.3" Color Touch Screen
- 8 hours operation on battery
- Fan-less design
- Rechargeable by USB charger
- Option : NIBP, Temp



BT-710 Pulse Oximeter

- SpO2, Pulse
- Hand-held design
- 4.3" Color Touch Screen
- 8 hours operation on battery
- Fan-less design
- Rechargeable by USB charger
- Option : CO₂



BT-750 Patient Monitor

- ECG, Resp., SpO2, NIBP, Temp., CO₂, IBP
- 10.4" Color LCD Display
- 4 hours operation on battery
- Multi language support
- Option : CO₂, IBP, Printer, LAN, Cart, Wall mount

Neonate Care



BT-500 Infant Incubator

- Air / Skin Temperature servo control
- Humidity Servo Control
- Tilting bed
- Option : O2 Servo Control, O2 Monitoring, Masimo SpO2 & CCD Camera & External monitor, Lifting Stand, Weighing scale, Basket, IV Plate, IV Pole, Shelf

BT-550 Infant Warmer

- Infrared Heater
- Pre-warm / Baby / Manual Mode
- APGAR Timer
- Option : Tilting, Masimo SpO2, Lifting Stand, Weighing scale, Basket, IV Plate, IV Pole, Oxygen delivery, Suction



BT-400 Phototherapy

- Blue LED Lamp
- Intensity Control (High/Low)
- 100,000 hours LED lifetime
- Timer function

BT-450 Phototherapy

- Blue LED (455 nm to 465 nm)
- Intensity Control (High/Low)
- Blanket Type
- 10 hours operation on battery
- Alarm for High Temperature



BT-100 Breast Pump

- Portable Type with Dual Pumping
- Massage / Expression / Memory Mode
- Backflow Prevention
- BPA / Latex Free



BT-150 Breast Pump

- Desktop Type with Dual Pumping
- Massage / Expression / Program Mode
- Various Vacuum Level and Cycle Control
- Option : Carrying bag, Car charging cable, Nursing Night Lamp, Additional bottle set, Rechargeable battery, Bluetooth for mobile app



Non-Contact Thermometer

- Fever Alert Function (Blue/Red Color)
- Measurement of Body and Object
- Protective Cap for Sensor (BT-35)
- Faster Measurement Time (BT-36)



BT-410 Head Lamp

- Power LED Light with 6,000K Color Temperature
- Adjustable illumination (BT-410F)
- Adjustable Light Spot (BT-410A)
- Option: Loupe, Astral Lamp, Additional battery

BIO SIGNAL TOTAL SOLUTION

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