



Neonatal Care System

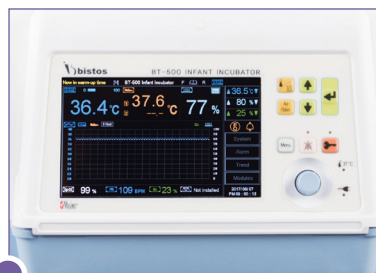
Infant Incubator
Infant Warmer
Phototherapy

 **bistos**

BT-500 Infant Incubator



Masimo Pulse oximeter*



Trend Display



External Monitor*

Environment designed for premature baby

- Double Wall and air curtain maintain constant temperature control in the hood and help the infant keep their temperature.
- Low operation noise and the part that makes noise is designed to make only minimal noise to ensure quiet environment
- In-built x-ray tray and weighing scale minimize the necessity for premature baby leave the incubator for additional care.



Double wall



X-ray tray



Tilt

- Tilting of best enable Trendelenburg and reverse-Trendelenburg for faster recovery

- Built-in Masimo Pulse Oximeter provides most accurate measurement for SpO2.

- Water tank can be disinfected by autoclaving.

- O2 Servo control and measurement available

Convenience designed for medical staff

- Lifting stand adjust mattress height to optimized height for each staff
- Large 6 doors on every side of hood enable the premature baby can be accessible in every direction.
- CCD Camera shows the status of infant in additional display even if the incubator is covered. Even the video can be displayed on mobile phone or PC simultaneously by wireless connection.



Lifting Stand*



Basket*



Peripheral temperature

- Multi language support helps the staff operate the incubator properly with the instruction in their own languages.

- Large size basket and have enough inner space to store all necessities for infant care.

- Two skin temperature measures both temperature from belly and peripheral.

*Option

BT-550 Infant Warmer



Swivel head



Tilting*



Removable wall



LED examination light

- Servo temperature control (Manual, Baby, Pre-warm mode)
- Swivel head and X-rays tray for other procedure
- Tilting mattress for Trendelenburg treatment
- Easy removable side walls for easy access and cleaning
- APGAR timer for 1, 5, 10 minutes
- LED Examination light for 3 level brightness

*Option

BT-400 Phototherapy



Adjustable position



8 Power LED



Mobile design

- Highly effective blue LED light
- Fan-less design for noiseless treatment
- Intensity control (high & low)
- Extensive long LED life time up to 100,000 hours
- Displays treatment time and total used time
- Built-in clamp provides various installation options



with Cart



with IV pole



with Incubator

Technical Specification

Model		BT-500
Category		Infant Incubator
Air Temp.	Control	Normal : 23 - 37°C
	Measurement	Override : 37.1 - 39°C
Skin Temp.	Control	20 - 45 ±0.5°C
	Measurement	Normal : 35 - 37.5°C
Humidity	Control	Override : 37.6 - 39°C
	Measurement	25 - 45 ±0.5°C
	System	40 - 95%
	Water Tank	15 - 99 ±5% RH
Scale *	Measurement	Steam (Boiling at 100°C)
	Trend	1,000ml (Autoclavable)
O ₂ *	Measurement	0 - 10Kg ± 50g
	Trend	216 Hour
Masimo SpO ₂ *	Control	21 - 65 ± 5%
	Measurement	18 - 100 ± 5%
	Accuracy	1 - 100%
	Pulse Rate Range	± 3% (70-100%)
CCD Camera *	Resolution	Unspecified (0~69%)
	Video Transfer	25 - 240bpm ±3bpm
Hood	Hand Port	2.5M pixel
	Tubing Port	Wi-Fi
	Structure	6 Door
	Air Curtain	2 x 6 Port
	Noise	Double wall
	Size (HWD)	Support
Bed	Tilt	< 45dB
	Matress	490 x 858 x 457 mm
	X-ray tray	< 12°
Lifting Stand *	Height	72 x 39 x 2 cm
IV Plate *	Load limit	35 x 40 cm
IV Pole *	Hook	65 - 85 cm
Basket *	Load limit	11 Kg
Shelf *	Load limit	2 Hook
Air filter	Particle	10 Kg
	Efficiency	3 Kg
General	Display	0.3 Micron
	Trend	99.8%
	Alarm	7" TFC Color LCD
	Warm up	72 Hour
	Self Test	27 Events (Visual & Sound)
	Multi Language	< 30 Minute (Fast Mode)
	Quick Guide	Power On
Dimensions	Standard (HWD)	Support
	With Lifting (H)	In-built
Weight	Standard	1,354 x 1,024 x 690 mm
	Maximum	1,244 - 1,444 mm
Warranty	Main unit	99.3 Kg
		117.5 Kg
		2 year

Model		BT-550
Category		Infant Warmer
Temp. Control Mode		Prewarm / Baby / Manual
Skin Temp.	Control	34 - 38 °C
	Measurement	26 - 42 ±0.3°C
Heater	Type	Infrared
	Control	0 - 100% / 20 Level
	Power	600W
	Life Time	5,000 Hour
	Rotation	90°
APGA Timer	Setting	0 - 59 min. 59 sec.
	Beep	1, 5, 10 min.
Examination	Power	40W LED (10W x 4)
	Control	3 Level
	Illumination	> 7,000 lx
Scale *	Measurement	0 - 10Kg ±10g
Masimo SpO ₂ *	Measurement	1 - 100%
	Accuracy	± 3% (70-100%)
	Pulse Rate Range	Unspecified (0~69%) 25 - 240bpm ±3bpm
Bed	Tilt *	< 15°
	Matress	80 x 49 x 2cm
	X-ray tray	35 x 40 cm
Lifting Stand *	Height	65 - 85 cm
IV Plate *	Load limit	11 Kg
IV Pole *	Hook	2 Hook
Basket *	Load limit	10 Kg
Shelf *	Load limit	3 Kg
Oxygen Delivery *		Regulator, Humidifier, Bracket
General	Display	7" TFC Color LCD
	Alarm	6 Events (Visual & Sound)
	Self Test	Power On
	Leveler	Bubble type
Dimensions	Standard (HWD)	1,890 x 1,027 x 690 mm
	With Lifting (H)	1,780 - 1,980 mm
Weight	Standard	83 Kg
	Maximum	98 Kg
Warranty	Main unit	2 year

Model		BT-400
Category		Phototherapy
Light Source		Blue LED
Wavelength		Peak Between 450 - 475 nm
Intensity	Low	25 - 35 µW/cm ² /nm
	High	35 - 55 µW/cm ² /nm
Intensity Variation (over 6 hrs)		±10%
LED Life Time		100,000 Hour
Effective Surface (at 40cm)		Approx. 40 x 20 cm
Heat output over 6hours		< 10 °C than ambient
Audible Noise		< 30 dB (Fanless)
Clamp		Max. diameter 3.5cm
Shade *		Covers Incubator and Warmer
Cart *		Height : 74 - 118cm
General	Display	2.4" TFT Color LCD
	Time Display	Treatment time, Total used time
	Timer	30 min. - 999 hrs.
Dimensions(HWD)	Head	75 x 340 x 210 mm
	Cart	1000 x 430 x 520 mm
Weight	Main unit	3.6 Kg
	Main unit & Cart	13 Kg
Warranty	Main unit	2 year



BIO SIGNAL TOTAL SOLUTION

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