

Neonatal Care System

Infant Incubator
Infant Warmer
Phototherapy



BT-500 Infant Incubator





Masimo Pulse oximeter*

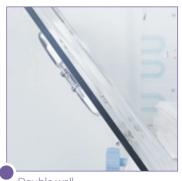


Trend Display



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 wal



X-ray tray



■Tilting of best enable
Trendelenburg and reverseTrendelenburg 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.



Basket



Peripheral temperatur



Lifting Stand*

- 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 necessaries for infant care.
- ■Two skin temperature measures both temperature from belly and peripheral.

*Option

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BT-550 Infant Warmer



- 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





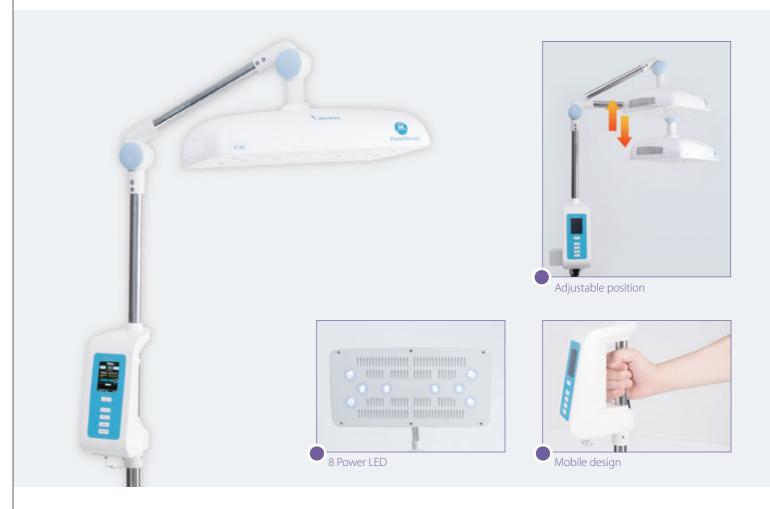




LED examination light

*Option

BT-400 Phototherapy



- 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 timeb
- Built-in clamp provides various installation options







Withincabator

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Technical Specification

	1.6
Category	Infant Incubator
Control	Normal: 23 - 37°C
	Override: 37.1 - 39°C
Measurement	20 - 45 ±0.5°C
Control	Normal : 35 - 37.5°C
	Override: 37.6 - 39°C
	25 - 45 ±0.3℃
	30 - 95%
	15 - 99 ±5% RH
	Steam (Boiling at 100°C)
Water Tank	1,000ml (Autoclavable)
Measurement	0 - 10Kg ±10g
Trend	216 Hour
Control	21 - 65 ±5%
Measurement	18 - 100 ±5%
Measurement	1 - 100%
Accuracy	± 3% (70-100%)
Accuracy	Unspecified (0~69%)
Pulse Rate Range	25 - 240bpm ±3bpm
Resolution	2.5M pixel
Video Transfer	Wi-Fi
Hand Port	6 Door
Tubing Port	2 x 6 Port
Structure	Double wall
Air Curtain	Support
Noise	< 45dB
Tilt	< 12°
Matress	72 x 39 x 2 cm
	35 x 40 cm
	65 - 85 cm
	11 Kg
	2 Hook
	10 Kg
	3 Kg
	0.3 Micron
	99.8%
	7" TFC Color LCD
	72 Hour
	27 Events (Visual & Sound)
	< 30 Minute (Fast Mode)
	Power On
	Support
	In-built
	1,354 x 1,024 x 690 mm
-	1,244 - 1,444 mm
	99.3 Kg
	117.5 Kg 2 year
	Control Measurement Control Measurement Control Measurement System Water Tank Measurement Trend Control Measurement Measurement Accuracy Pulse Rate Range Resolution Video Transfer Hand Port Tubing Port Structure Air Curtain Noise

	Model	BT-550
		Infant Warmer
Category		
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.
, ii G, t i i i i i	Веер	1, 5, 10 min.
	Power	40W LED (10W x 4)
Examination	Control	3 Level
	Illumination	> 7,000 lx
Scale *	Measurement	0 - 10Kg ±10g
	Measurement	1 - 100%
Masimo	Accuracy	± 3% (70-100%)
SpO ₂ *	Accuracy	Unspecified (0~69%)
	Pulse Rate Range	25 - 240bpm ±3bpm
	Tilt *	< 15°
Bed	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
	Display	7" TFC Color LCD
	Alarm	6 Events (Visual & Sound)
General	Self Test	Power On
	Leveler	Bubble type
	Standard (HWD)	1,890 x 1,027 x 690 mm
Dimensions	With Lifting (H)	1,780 - 1,980 mm
VA/ * 1 .	Standard	83 Kg
Weight	Maximum	98 Kg
Warranty	Main unit	2 year
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Model		BT-400
Category		Phototherapy
Light Source		Blue LED
Wavelength		Peak Between 450 - 475 nm
	Low	25 - 35 μW/cm²/nm
Intensity	High	

Model		BT-400
Category		Phototherapy
Light Source		Blue LED
Wavelength		Peak Between 450 - 475 nm
Intensity	Low	25 - 35 μW/cm²/nm
	High	35 - 55 μW/cm²/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 ℃ 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(UM/D)	Head	75 x 340 x 210 mm
Dimensions(HWD)	Cart	1000 x 430 x 520 mm
Weight	Main unit	3.6 Kg
	Main unit & Cart	13 Kg
Warranty	Main unit	2 year

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BIO SIGNAL TOTAL SOLUTION

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