

# BN-100 Infant Radiant Warmer (Standard)



## Brief introduction:

- Microprocessor based servo controlled temperature system
- The microprocessor-controlled unit allows for three modes: pre-warm, manual or automatic
- APGAR timer to record therapy time
- Alarm functions : Power failure, Temperature deviation, Temperature sensor failure , Over temperature
- LED observe light adjustable, brightness adjustable
- Heater head can be adjusted  $\pm 90^\circ$  horizontally
- Convenient X-ray cassette under infant bed
- Tilt angle of infant bed is adjustable
- Transparent protector folded

✧ Integral timer to record therapy time.

✧ Safe efficient and splash proof heater unit, adjustable radiator horizontal to suit varying needs.

✧ Three variable mattress tilts.

✧ Separate white lamp allows convenient observation.

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## ◎Technical data

### Technical data

Power supply	AC110/220V 60/50Hz	
Power input	1000VA	
Operating conditions	Environment temperature	18℃ ~30℃
	Environment relative humidity	30%~75%RH
	Environment air velocity of flow	<0.3m/s
Air Temperature control range	32℃ ~38℃	
Temperature control accuracy	≤0.5℃	
Skin temperature sensor accuracy	±0.3℃	
Mattress temperature uniformity	<2.0℃	
Infant Bed tilt angle	±10°	
Warm-up time	≤45min	
Heater head horizontal	±90°	
Distance from heater to mattress	80cm	
Mattress size	67cmX54cm	
APGAR timer range	≤24h	

## ◎Safety Control Systems

- Adopts anti-explosion micro crystal quartz infrared radiation tube for its radiation source, the heating is quick and life-span is long
- Alarm functions for safety includes: Power failure, Temperature deviation, Temperature sensor failure, Over temperature.
- Temperature deviation can be amended in front panel directly
- A second thermal cut-out function for more safety
- Skin temperature sensor fall protect function avoid over temperature

## ◎Standard configuration & Optional parts

### Standard configuration:

Main body (including the Radiant source, Control system, Infant bed, Bracket), X-ray cassette, Observe light, I.V.pole, Skin temperature sensor, Tray, Mattress, Transparent protector, Castors

**Optional parts:** Drawer, RS-232(485) connector



Drawer

RS-232(485) connector

## ◎Transport and storage

### Transport and storage:

Environment Temperature: -40℃ ~ +55℃  
 Environment Relative Humidity: ≤95%  
 Atmospheric Pressure: 500 ~ 1060hPa

### Package:

Each unit is packed one case  
 Size: 120CM X 70CM X 96CM  
 Gross weight: ≤90KG