

DATA SHEET



Infant Radiant Warmer ESBN-100L (Luxurious)

Brief introduction:

1. Microprocessor based servo controlled temperature system.
2. The microprocessor-controlled unit allows for three settings: pre-warm, manual or automatic.
3. Alarm functions for safety includes: Power failure, temperature deviation, Temperature sensor failure, over temperature.
4. APGAR timer to record therapy time
5. Convenient X-ray cassette under infant bed
6. Heater head can be adjusted + 90° horizontally
7. Tilt angle of infant bed is adjustable
8. Observe light angle is adjustable
9. Transparent protector folded
10. Adopts anti-explosion micro crystal quartz infrared radiation tube for its radiation source, the heating is quick and life-span is long
11. Alarms are audible and visual
12. A second thermal cut-out function for more safety
13. Skin temperature sensor failure protect function avoid over temperature
14. Temperature deviation can be amended in front panel directly
15. Low pressure aspirator, oxygen supply system and LED phototherapy unit
16. Electric height adjusted suit for operation

Standard configuration

Main body (including the radiant source, control system, infant bed), X-ray cassette, Observe light, I.V. pole, skin temperature sensor, tray, mattress, transparent protector, castors.

LED phototherapy unit, low pressure aspirator; oxygen supply system, electric lift bracket.

Optional parts

Drawer, RS-232(485) connector

Technical data:

1. Power supply : 110/220V 60/50Hz
2. Power input: $\leq 1200VA$
3. Operating condition
An ambient Temperature: 18°C-30°C
An ambient Relative Humidity: 30%-75%RH
Atmospheric Pressure: 700~1060 hPa
An ambient Air Velocity $< 0.3m/s$
4. Temperature control: 32°C~38°C
5. Temperature control accuracy: $\leq 0.5^{\circ}C$
6. Mattress temperature uniformity : $< 2^{\circ}C$
7. Skin temperature sensor accuracy: $+ 0.3^{\circ}C$
8. Warm-up time: $\leq 30min$
9. Infant Bed tilt angle: $+ 10^{\circ}$
10. APGAR timer range: $\leq 24h$
11. Heater head horizontal: $\pm 90^{\circ}$
12. Mattress size: 67cm x 54cm
13. Distance from heater to mattress: 80cm
14. Height adjustable range: 0-20cm
15. LED phototherapy light: 2pcs x 8W

Transport and storage

Environment Temperature: -40°C~ +55°C
Environment Relative Humidity: $\leq 95\%$
Atmospheric Pressure: 500~1060hPa

Package:

Each unit is packed one case
Size: 135cm x 85cm x 98cm

Gross weight: $\leq 170kg$



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