

Infant Radiation Warmer

Introduction:

Infant Radiant Warmer is a specialized medical device designed for thermal care of low birth weight neonates, preterm infants, critically ill infants, and vulnerable newborns. It features an infrared radiant heating system to provide continuous warmth while incorporating a skin temperature sensor for real-time monitoring of the infant's body surface temperature during clinical care.



Features:

- * Offers three temperature control modes: preheating, manual, and skin temperature.
- * Real-time LED split-screen display of set temperature, skin temperature, countdown, and heating power percentage.
- * Features an independent over-temperature protection system.
- * Adjustable horizontal angle of the radiation box and tilt angle of the infant bed.
- * Removable transparent acrylic panels around the infant bed for easy cleaning.
- * Sound and light alarms with self-check function for power failure, deviation, over-temperature, sensor failure, manual operation, and system alarms.
- * Temperature calibration function.
- * Skin temperature sensor disconnection alert.
- * APGAR score countdown function.
- * Reserved RS-232 interface for data connectivity.
- * LED lighting with independent switch and adjustable direction and angle.
- * Bed tilt mechanism uses a lockable gas spring mechanism for easy one-handed operation and smooth adjustment.

Technical Parameters:

Model	BK-IRW-I
Display	High-contrast digital split-screen
Temp. Modes	Preheat, skin temperature, manual
Skin Temp. Control Range	25~37.5°C
Skin Temp. Display Range	5~65°C
Temp. Accuracy	±0.5°C
Skin Sensor Accuracy	±0.2°C
Cot Temp. Uniformity	≤2°C
Heating Time	≤45minutes
Bed Height	890mm
Radiation Head Angle	±45° stepless adjustment
Bed Tilt Angle	±12° stepless adjustment
Power Supply	220V, 50/60Hz
Power Rating	750VA
External Size(W*D*H) mm	985*575*1820
Package Size(W*D*H) mm	750*1200*1250
Net Weight(kg)	100
Gross Weight(kg)	150