

IBIS



iCore

Infant Warmer

MEDICAL

Every newborn deserves the safest and most nurturing start to life. The iCore 100 infant warmer from Ibis Medical provides exceptional supplementary heat to the baby, with precise monitoring and utmost safety.

Our warmers provide infants with optimum warmth they need for a safe and comfortable start to life. Engineered for both performance and ease of use, iCore 100 provides a unique blend of performance and safety.

Versatile Performer

The lightweight yet robust design makes iCore 100 a very versatile warmer. iCore 100 infant radiant warmers can be used in NICUs, labour rooms/OT, labour wards etc.

Our customers love it for its ease of use, its uncluttered and well designed control panel along with this superb heating performance. iCore 100 infant warmer heats quickly, uniformly and precisely, thus offering the baby immediate comfort and warmth.

Focus on Safety

- iCore 100 is designed with focus on patient safety. Our temperature sensors have faster temperature monitoring which allows precise heater output.
- iCore 100 infant warmers provide accurate audio visual alarms for easy problem identification. Baby safety is ensured with our prompt heater cut-off if the baby skin temperature exceeds 38°C.

Engineered for Efficiency

- iCore 100 warmers have well engineered heating elements when coupled with world class processors and sensors provides optimum heating to the baby.
- iCore 100 warms up quickly and has a very accurate temperature sensor which helps regulating baby temperature efficiently. iCore 100 infant warmers are designed for long non stop operations. It is easy to use and to clean.

100

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Operating Controls

- | | |
|---------------------------------|--|
| • Operating Modes | Servo Mode & Manual Mode |
| • Temperature Set Range | 32° C to 37.5° C |
| • Operating Temperature (Servo) | 25° C to 40° C |
| • Temperature Conversion | C to F Toggle Button |
| • Heater Power Bar Graph | 0 to 100% in increments of 10% |
| • Keyboard lock | : Disable key functions after 10 seconds of inactivity |

Audio Visual Alarms

- | | |
|--|---|
| • Alarm Mute | • Check Patient Alarm (Only in Manual mode) |
| • Heater Failure | • Every 15 minutes) |
| • Over Temperature Cutoff ($\geq 38^{\circ}\text{C}$) | • Power Failure |
| • High Temperature ($\geq 0.5^{\circ}\text{C}$ of set temp) | • Probe Failure |
| • Low Temperature ($\geq 1.0^{\circ}\text{C}$ of set temp) | |

Key Performance Elements

- Temperature Sensor Probe : Thermistor
- Accuracy of Skin Sensor : $\pm 0.1^{\circ}\text{C}$
- Calibration of Skin Sensor : Not required when replaced
- Heater Element : Quartz Infrared Heater
- Heater Max Power : 600 W
- Observation Lamp : 7 V LED 5100K

Physical Attributes

- Equipment dimensions (LxWxH): 92x72x179m
- Equipment weight : 44Kg, 53Kg fully packed
- Mattress from floor : 89cm
- Heater height from mattress : 80 cm
- Mattress dimensions (LxB) : 67x53cm. Thickness 5 cm
- Maximum load : 12 Kg.
- Baby Trays: 1 large baby trays. Can hold up to 4 kgs.
- Heater Module Swivel: Up to 90° Either side
- Side Wall: Clear Acrylic, easy drop down with tubing port.
- X Ray Cassette Holder Compatible

Electrical Specifications

- AC Input 180- 240 vAC, 2.5A 50Hz with +/- 10% tolerance
- Max Rating 5A @ 250vAC, 50Hz
- Fuses 5A , 250 V AC
- Maximum Heater Wattage 600 Watts
- Maximum Power Requirement : 615 Watts

Environmental Specifications

- Operating Temperature 15- 40° C
- Storage Temperature : - 25 to 60° C
- Operating Humidity 0 - 93% RH Non Condensing
- Storage Humidity 0 - 99% RH Non Condensing

Product Safety & Statutory Certifications

- Unit is IEC 60601-1:2020 60601-2-21:2020 product safety compliant. Tested by NABL approved lab.
- ISO 13485 certified manufacturer. Certified by CDSCO approved notified body.
- Manufacturing Licence from CDSCO.



ISO 13485: 2016



IEC 60601-1: 2020
IEC 60601-2-21: 2020



Licence Number:
MFG/MD/2024/000892



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