

# IBIS



## iCore

Infant Warmer

# MEDICAL

Every newborn deserves the safest and most nurturing start to life. The iCore 501 infant warmer from Ibis Medical provides exceptional supplementary heat to the baby, with precise monitoring and utmost safety.

Our warmers provide infants with precise warmth they need for a safe and comfortable start to life. Engineered for both performance and ease of use, iCore 501 provides a unique blend of performance and safety.

## Safe

- iCore 501 comes with a unique first in class Sensor Displacement Detection System. If by any chance, the temperature sensor is displaced from patient body, iCore 501 will automatically regulate the temperature to 50% heater output & sound an alarm. Thus ensuring that the baby is safe at all times.
- iCore 501 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.

## Feature Rich

iCore 502 comes with a host of useful features. These include

- A pre-warm mode in addition to Servo and Manual modes.
- APGAR timer.
- Timer with alarm which can be set between 30 minutes to 5 hours in half an hour intervals.
- Centigrade to Fahrenheit toggle button.
- All important audio visual alarms which include
  - High and low temperature alarms.
  - Power failure, probe failure, heater failure alarms.
  - High temperature cutoff alarm if the baby temperature exceeds 38° C.
  - Check Patient alarm, which sounds every 15 minutes (in manual mode)

## Engineered for Efficiency

iCore 501 infant warmers are well designed and engineered to do what matters most to you. Which is, to provide the optimum & uniform heating across the baby mattress, allowing greater thermal comfort to the baby.

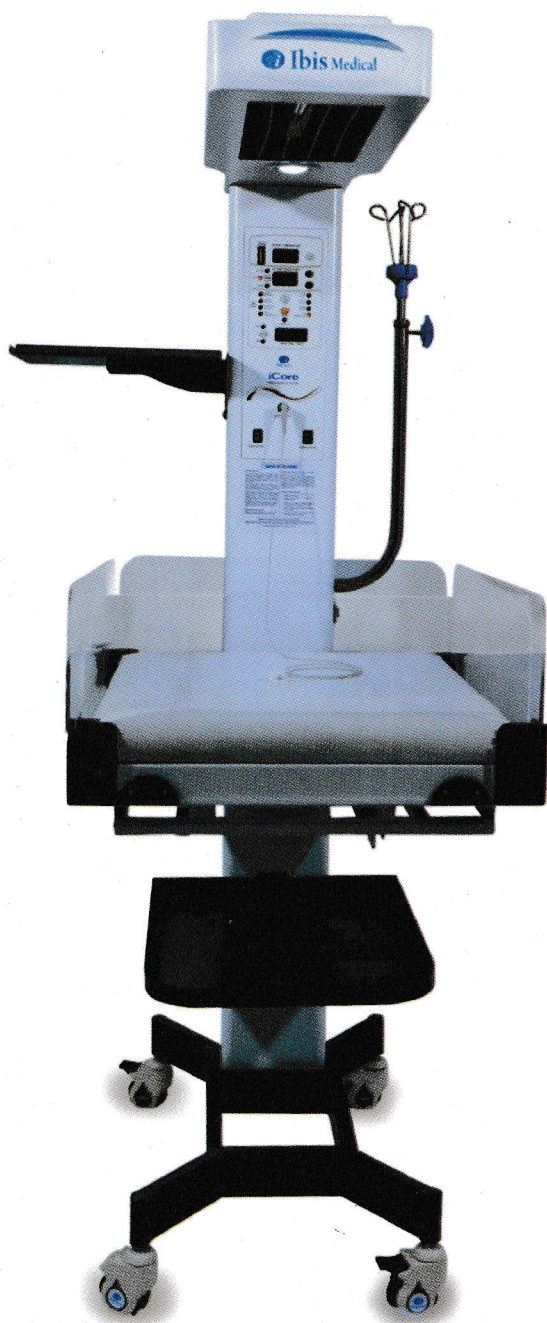
- Our 600W quartz infrared heater coupled with parabolic design SS reflector provides fast and effective heating.
- Our super responsive thermistor sensors are specially designed only for our infant warmers. They are very fast and very accurate, which makes our warmers very sensitive to quick temperature changes on baby body.

## 501

Integrated Bed & Tray



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## Operating Controls

- Operating Modes Servo, Pre-warm & 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
- APGAR Timer / Countdown timer from 30 minutes to 5 hours.

## Audio Visual Alarms

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

## 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): 92x59x179m
- Equipment weigh. 54 Kg. 65 Kg fully packed.
- Mattress from floor : 89 cm
- Heater height from mattress : 80 cm
- Mattress dimensions (LxB) : 67x53 cm. Thickness 5 cm
- Maximum load : 12 Kg.
- Baby Drawer : 1 large baby tray. Can hold upto 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: 2015



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



Licence Number:  
MFG/MD/2024/000892



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