



Intensive Care Baby Incubator : Heal - ICI

Intensive Care Baby Incubator (Heal - ICI) is designed to meet the safest and most stable environment. This baby incubator offers the Advanced Technology and Innovative design to meet the most demanding Neonatal Clinical care need in the NICU. Microprocessor based Temperature controller system provided to control the Air and Skin temperature and it has all Fault Indications with visual alarms.

THE ELECTRONIC CONTROLLER :

- The controller is based on Micro computerized system.
- Large bright displays are easy to monitor and for viewing from a distance.
- Digital display system provided to measure the Infant temperature. Air temperature and to set the required temperature.
- Feather touch keys provided for easy operation.
- Bar graph LED system provided to indicate the heater output.
- Fault Indications with alarm for,
- Baby probe failure
 - ✦ Air probe failure
 - ✦ 1°C temperature high
 - ✦ 1°C temperature low
 - ✦ High temperature cut-off
 - ✦ Power failure
- Single Wall Canopy with six port holes
- Large Front door Load
- Four Inlets for administration of O₂, IV lines or Ventilator tubing
- Head Up / Down facility
- X-Ray cassette sliding facility
- Stainless Steel rust free Heater
- Provision of an open shelf in the trolley
- Hygrometer provided to indicate the % of humidity
- IV Stand provided

SKIN / AIR PROBE :

Skin /Air probe is made of highly sensitive sensor and inter changeable, field calibrations taken care of by software. The probe is made up of silicon sheathed cable, which allows easy cleaning.

TECHNICAL SPECIFICATIONS :

Mattress : 525 x 380 x 25 mm

PHYSICAL PARAMETERS :

Height : 1425 mm
Depth : 585 mm
Width : 945 mm
Working level from the ground : 900 mm
Baby tray tilt angle on either side : +/-8 max
Weight : 60 kg (Approx)
Castors : 100 mm with 2 brake wheels and 2 non-brake wheels

RECOMMENDED ENVIRONMENTAL SPECIFICATIONS :

Operating temperature range : 20°C to 33°C
Storage temperature range : -25°C to 60°C
Operating humidity range : 0 to 100% RH

SKIN TEMPERATURE PROBE :

Range : 20°C to 38°C
Accuracy : +/-0.2°C within range
Resolution : 0.1°C
Probe interchangeability : +/-0.2°C(Servo)

AIR TEMPERATURE PROBE :

Range : 20°C to 38°C
Accuracy : +/-0.2°C within range
Resolution : 0.1°C
Probe interchangeability : +/-0.2°C(Servo)

ELECTRICAL SPECIFICATIONS :

Electrical Supply : 230V AC, +/- 10%, 50Hz
Power consumption with Heater at max. output } : 500W

ELECTRICAL SAFETY :

As per IEC 60601-1-2 for medical equipments

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