



ISO 9001:2008
ISO 13485:2003



Neonatal Open Care System -NOC 300



NEONEST

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Open Care System neonest -NOC 300 is innovatively designed to meet Thermoregulatory requirements of newborn infants who suffer extreme of heat loss. This attached baby trolley unit can be used in Delivery rooms and NICU. Microprocessor based temperature controller system provided to control the baby body temperature / air temperature and it has all Fault Indications with visual alarms. The heater box made of fire retardant fiber glass material, which is shock proof.

TECHNICAL SPECIFICATIONS

SILENT FEATURES :

- Self Test System
- Auto/Manual selection modes
- Air/Skin servo controlled system
- Double Digital Display for ACTUAL & SET temperature
- °C/°F settings
- Heater power indicator
- Feather touch keys for easy operation
- Key pad lock facility
- AIR/SKIN/MANUAL Modes
- Power failure alarm -Fault indication alarms for 1°C low/high, probe failures, high temperature cutoff, system failure, heater failure etc.,

SKIN / AIR PROBE :

Baby probe is made of highly sensitive sensor and is interchangeable, field calibration taken care of by software. The probe is made up of silicon sheathed cable, which allows easy cleaning.

OBSERVATION LAMP :

LED based observation light focus on any area on the bed.

HEATER :

Single element CE approved ceramic heater placed in a parabolic reflector.

BABY TROLLEY :

An attachable baby trolley which consists of large baby tray & is made of mild steel frame with three side acrylic collapsible walls. Trendelenburg & Fowler system provided.

PHYSICAL PARAMETERS :

Baby Tray	
Length	: 700mm
Width	: 500mm
Mattress Thickness	: 25mm
Over all	
Length	: 1100mm
Width	: 850mm
Height	: 1900mm
Working level from ground	: 900mm
Weight Approx.	: 40Kg
Castors	100mm 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 - 100% RH

SKIN / AIR TEMPERATURE PROBE :

Range	: 28°C to 38°C
Accuracy	: +/-0.2°C within range
Resolution	: 0.1 ° C
Probe interchangeability.	: +/-0.2°C (Servo)
Heater output controllable from 0 to 100% in Manual mode (continuously variable)	

ELECTRICAL SPECIFICATIONS :

Electrical Supply	: 230 V ± 10%, 50 Hz
Power consumption with Heater at max. Output	: 650W

OTHER FACILITIES :

- I V stand provided
- Monitor tray provided
- Provision of Oxygen cylinder
- Partition Tray to keep necessary things.

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