



ISO 9001:2008  
ISO 13485:2003



# Neonatal Open Care System - NOCP 500



# NEONEST

## Neonatal Open Care System - NOCP 500

Open Care System with LED Phototherapy neonest NOCP-500 is designed to meet and provides the Neonate with an adequate and secure environment of its care. The LED based Phototherapy is also attached with the unit to manage Hyperbilirubinaemia in new born babies. Microprocessor based Temperature controller system provided to control the baby body temperature / air temperature and it has all Fault Indications with visual alarms. Heater box made of fire retardant fiber glass material.

### 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.,

#### BABY & AIR PROBE :

Baby & Air 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 BOX :

Heater box has swivelling mechanism and 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.

#### OTHER FACILITIES :

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

#### 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

#### PHOTOTHERAPY UNIT :

Medical grade Blue LEDs : 1W x 40 LEDs  
Either side 20 each

#### 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

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