



## Neonatal Resuscitation Unit - NRU 2000

- Self Test System
- Auto/Manual selection modes
- Air/Skin servo controlled system
- °C/°F settings
- Heater power indicator
- LCD Displays all fault indications
- Feather touch keys for easy operation
- Key pad lock facility
- AIR/SKIN/MANUAL/PRE-WARM Modes
- APGAR Score
- Count Down Timer for 1-59 seconds
- LED Phototherapy with LCD timer
- Power failure alarm -Fault indication alarms for 1°C low/high, probe failures, high temperature cutoff, system failure, heater failure etc.,
- Electrical slow suction with pressure adjustment valve & vacuum gauge indicates the pressure
- Resuscitator with complete accessories
- O2 & Air flow meters with hoses

### TECHNICAL SPECIFICATIONS

#### PHYSICAL PARAMETERS :

|  |  |
|--|--|
| Mattress   |  |
| Length   | : 700 mm   |
| Width  | : 500 mm   |
| Mattress Thickness   | : 50 mm  |
| Maximum baby tray tilt on both sides continuously variable | : +/-8°  |
| Over all   |  |
| Length   | : 1100mm   |
| Width  | : 850mm  |
| Height   | : 1900mm   |
| Working level from ground                                  | : 900mm  |
| Weight Approx.   | : 90Kg   |
| Castors  | : 100mm with 2 brake wheels and 2 non-brake wheels |

#### ENVIRONMENTAL SPECIFICATIONS :

|   |                 |
|---|-----------------|
| Operating temperature range   | : 20°C to 33°C  |
| Storage temperature range   | : -25°C to 60°C |
| Operating Humidity range  | : 0 - 100% RH   |
| <b>Note :</b> Best results obtained in low convective environmental |                 |

#### ELECTRICAL SPECIFICATIONS :

|   |                       |
|---|-----------------------|
| Electrical Supply   | : 230V ± 10% 50Hz, 6A |
| Power consumption with Heater at max. output                        | : 750W                |
| Power consumption with Heater, Phototherapy and observation lamp ON | : 1250 W              |

#### OBSERVATION LIGHT :

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

#### ELECTRONICS :

Micro computerized system

#### 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 :

Heater box has swivelling mechanism and single element CE approved ceramic heater placed in a parabolic reflector.

Heater output control range in : 0 to 100 % manual mode

#### PHOTOTHERAPY UNIT :

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

#### RESUSCITATOR :

|                            |                           |
|----------------------------|---------------------------|
| Airway ventilation outlet  | : 0 to 6 liter/min        |
| Maximum airway pressure    | : 40 cm water column      |
| Adjustable airway pressure | : 10 - 35 mm water column |
| Air pressure airway gauge  | : 0-60 cm water column    |

#### SUCTION CONTROL :

|                    |                    |
|--------------------|--------------------|
| Maximum suction    | : 200 mm of Hg     |
| Vacuum gauge range | : 0 - 760 mm of Hg |

#### AUXILIARY OXYGEN OUTLET :

|                         |                         |
|-------------------------|-------------------------|
| Oxygen flow control     | : 1 - 15 liter / minute |
| Maximum airway pressure | : 55 cm water column    |

#### ELECTRICAL SAFETY :

As per IEC 60601-1-2 for medical equipments

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