



ISO 9001:2008  
ISO 13485:2003



# Neonatal Resuscitation Unit - NRU 1000



NEONEST

## Neonatal Resuscitation Unit - NRU 1000

- 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
- 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

#### 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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