

# NEONATAL RESUSCITATION SYSTEM

Today's neonatal care has become critical & demanding professional expertise which require current technology support to achieve predicted result. For this, Our has specially developed Neonatal Resuscitation System which fulfils basic need of resuscitation.

## MECHANICAL SPECIFICATION

- Easy access of Infant from all sides with thick Acrylic collapsible side panels.
- Acrylic baby tray with Infant's Head up/down facility & foam mattress.
- Provision for positioning X-ray cassette / - Mounted on castors for easy mobility.
- S. S. Tray with slot to use under surface Phototherapy
- Swivelling Warming source for taking X-ray.
- Consist of CERAMIC INFRA RED/SILICON QUARTZ GLASS HEATER.
- S. S. Reflector with safety grill designed such to achieve uniform temperature & easy cleaning without any electrical shock hazzard.
- Instrument tray, pole for Infusion pump & I.V. Stand.
- M.S. Fabrication with powder coated paint
- Examination lamp with sufficient illumination to access accurate infant color during procedures.

## TECHNICAL SPECIFICATION

Power Source	: 230 V AC. $\pm$ 10%, 50 Hz
Light Source	: 60 Watts Bulb to examine babies
Heater Capacity	: 600 Watts
Power Consumption	: 800 Watts at 100% Heater Power

### MANUAL MODE

The Manual mode allows the Warmer to be kept 'baby ready' without nuisance alarms. When needed warmer provides safe, powerful and controlled warming to restore the temperature drop experienced by the baby immediately after delivery.

### AIR CONTROL MODE

Air control is an electronic feedback system which functions as a thermostat to maintain a constant temperature of baby cradle by regulating the heat output of Radiant Warmer. It also acts as a WATCH DOG as Air over temperatures cuts off heater even if the Warmer is operating in Servo mode.

### OXYGEN ADMINISTRATION

- Oxygen pressure adjustment regulator with hose pipe
- Oxygen flow meter with flow control facility (0-15L/Min)
- Humidifier bottle / - Reusable Silicon Patient tubing
- Silicon Autoclavable Resuscitation Bag (250ml) with Neonatal & Infant mask

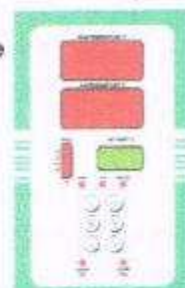
### SET TEMPERATURE RANGE

RESOLUTION	: 0.1°C	SKIN	25°C - 39°C
ACCURACY	: 0.1°C	AIR	25°C - 39°C

- Set Temperature displayed on separate bright Green LED Display
- Heater output in 10 equal steps / - Stain free read alarm messages

SAFETY ALARMS : (With Audio Visual message with MUTE facility)

SKIN HIGH (>1°C of set temperature) HI  
 SKIN LOW (<1°C of set temperature) LO  
 SKIN OVER (>38°C) OVR  
 AIR HIGH (>1.5°C of set temperature) HI  
 AIR LOW (<3°C of set temperature) LO  
 AIR OVER (>39°C) OVR  
 SKIN / AIR PROBE FAIL PRB  
 POWER FAIL : AUDIO VISUAL



### SALIENT FEATURES / SERVO CONTROL MODE

Servo Control is an electronic feedback system which function as thermostat to maintain a constant temperature at the site of Skin Probe by regulating the heat output of Radiant Warmer. Maintaining a constant abdominal Skin temperature between 36.5 & 37.0° C is the simplest way to provide a "thermoneutral" environment, minimizing the no. of calories needed to maintain normal body temperature & reducing the risks of cold stress or overheating. Servo control is the only acceptable method of heat regulation for the Infant cared for under a Radiant Warmer.

### SUCTION

- Electrical operated Suction unit with pressure adjustment facility (0-110 mm Hg) with unbreakable & autoclavable jar

### INLINE MANOMETER

Monitors Oxygen pressure delivered through Resuscitation Bag.

### INTUBATION

Laryngoscope with 0 & 1 straight blades, disposable E.T. Tubes with slip joints.

### NEOCARE WARMER (with dual probe)

- Skin & Air Temperature displayed individually on 1" bright Red LED display
- Three modes of warming i.e. Skin, Air & Manual
- Programmable Heater power & Time in Manual mode
- Individual LED for selection of mode (Skin, Air & Manual)
- APGAR TIMER - ATTEND BABY ALARM
- PROGRAMMABLE MUTE TIME

\* Carrying Warranty at Rajkot Office only on site warranty not provided free of cost.

\* Due to constant upgradation design, price and features are subject to change any time without prior notice.



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