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# S.S. TECHNOMED (P) LTD.

**India's Leading Manufacturer of Pediatric Equipments**

www.sstechnomed.com
&
www.nettmedsupply.com
(Medical Needs on a click)

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# PRODUCTS WE DEALS IN

## BABY INCUBATOR (INC 1723)

The temp controlled unit is operated by advanced micro computer technology. The three digital display indication provide the set temperature, air Temperature and skin Temperature. Two Function control modes provide the clinician more flexibility while optimizing the thermal environment. In addition the skin temperature is display is larger than the set/air temperature display. The removable heater and control unit make it easy to clean and service. Full visibility & accessibility of the baby is provided by the designed of acrylic hood. A full complement of alarm provides safety convenience, with both audible and visual indicators :

- Probe Failure – Power Failure – High Temperature – Low Temperature
- Skin Temperature display can be converted from C to F by push of a button.
- A big LCD is provided for more specific information & visualization of the heater power in different modes.
- The high & Low Temperature alarm setting can be adjusted according to the patient condition.
- Humidification is provided with the help of two water trays provided at the back of the unit.
- Three side trays provided at the bottom of the unit to keep consumables.

The Unit Rests on Four big castors with brakes in the front castors.

Optional
Oxygen delivery System, Electric Slow Suction, CFL Phototherapy

## Opencare System (Tiana-DX)

The Tera-DX Open care System comes complete with automatic manual and caby (Servo) modes.
In addition, the Skin/Air temperature display is larger than other set temperature display. Skin temperature display can be converted from °C to °F by the push of a button. A big LCD is provided for more information and visualizations of the heater power in manual and servo modes. A full complement of a arms provides safety and convenience, with both audible and visual indicators cators in the even of :

- High Temp./Low Temp.
- System Fail
- Probe Failure
- Power Failure
- Timer
- Heater fail / ON (Optional) only visual alarm provided.

## Storage

The unit comes fitted with two drawer system which slides out for keeping consumables.

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# PRODUCTS WE DEALS IN

## Infant Radiant Warmer (Model : Tiana – S)

The digital, micro processor – based controller comes with a full spectrum of features.
Two function control modes provide the clinician more flexibility while optimizing the thermal environment. Dual digital temperature displays allow easy visualization of patient temperature and set point.

Control Panel
The Tiana – S infant Radiant Warmer comes complete with automatic manual / baby (Servo) / Air modes.

In Addition, the skin / Air Temperature display is larger than other set temperature display. Skin Temperature display can be converted form °C to °F by the push of a button. A big LCD is provided for more information and visualizations of the heater power in manual and servo modes. A full complement of alarms provides safety and convenience, with both audible and visual indicators in the event of :

- High Temp. / Low Temp.
- System Fail
- Probe Failure
- Power Failure
- Timer
- Heater Fail / On (Optional) only visual alarm provided

## Transport Incubator (Model : INC TRP)

### Control Panel

The controller features a display that is easy to read at any angle during transport. Display for air and skin temperature help you maintain, control and provide essential information about the infant's thermal support. Microprocessor controlled system with air and skin modes of operation. Display both temperature i.e. Air/Skin temp along with Set temp. Soft touch operation with digital display and extensive alarms.

### Collapsible Stainless Steel Stand

With 2/4 no. gas springs for ambulance and hospital transport purposes. Gas spring system allow the stand to collapse when the lever is pulled and trolley is pressed from both the sides.

# PRODUCTS **WE DEALS IN**

## SS Technomed (Tiana – IRW 1723)

SST Infant Warmers are designed to provide advance ming capabilities while using one touch operations to simplify procedures. Advance microprocessor controlled system with self check on the electronic circuitry skin / air / manual control.

Digital display of baby temperature / air temperature. Soft touch display of control temperature. Manual / Servo two function control modes provide the clinician more flexibility while optimizing the thermal environment. In addition the skin / Air temperature is larger than the other set temperature display. Skin temperature can be converted from °C to °F by the push of a button. In addition the skin / air temperature display is larger than the other set, temperature display, skin Temperature can be converted from Celsius to Fahrenheit by the push of a button.

The Spacious Baby bed incorporates easily drop down sides for maximum access to the baby. The control panel is also the heart for a completely integrated alarm system with both audible and visual indicators in the event of

- Probe fail
- Skin high
- Skin Low
- Power Fail
- Heater Fail

Highlight of the Product

The Unit is designed is such a way that the main control system can be swivelled to the other side for access from all the four sides to the patient in critical condition.

Option : Weighing scale

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# PRODUCTS WE DEALS IN

## CFL Phototherapy Unit

**About CFL Phototherapy**
The CFL Phototherapy Unit occupies very little bed side space providing ease during observation. The unit is mobile, mounted on 4 castors i.e 2 with brakes & 2 without brakes. The base of the unit conveniently goes beneath a bed or a trolley and can also be adjusted with the warmer / incubator. The chokes are fitted at the base to decrease the heat generation in the tube unit thus giving an added protection to the unit.

**Compatibility**
The tube unit can be adjusted up / down by the mechanism provided in the pillar. Protection is provided against free fall of the unit by adding a big screw at the back, thus making it compatible to fit over an incubator or baby cot etc.

**Baby Bed**
(Comes with undersurface phototherapy unit)
Baby bassenet comes with fold down / drop down panels and a big shelf. Facility of head down position on both sides is also given. Under surface phototherapy unit has 4 blue & 2 white CFL and is fitted at a distance of 300mm from baby bed (adjustment level is optional).

**CFL Module**
The lamp unit is made of light weight plastic, has 4nos of blue light tubes with higher intensity of light in therapeutic range and 2 nos of white light tubes. CFL tubes last five times longer than ordinary tube light, requires less frequent replacement. The unit is fitted with special mirror coated reflectors for better reflection. Also has fold up facility during inspection of neonates or storage and angle folding facility for using along with radiant warmer.

CFL Single Surface

CFL Double Surface

# PRODUCTS WE DEALS IN

## LED Phototherapy Unit

In the new born period i.e. birth to one month, jaundice can pose a serious problem, because high level of the billirubin can permanently damage the brain. This indirect bilirubin, which is not water soluble, can be decomposed to a harmles metabolic which is water soluble, does not cross blood brain barrier and is rapidly excreted in the bile and urine and so does not accumulate. This has been achieved by exposing the infant to bright light (approximately 4.5 micro watts/sq cm/nm) in the range of 420-480 nm wave length by use of conventional fluorescent tubes or CFL in earlier days. The replacement of conventional phototherapy unit has been one of SS Technomed most important focus in the field of neonatalogy for many years.

In order to remove the limitation of flouroscent and CFL tubes, SS technomed has utilised long lasting, durable, more efficient and cost effective Leds with more than double the flux as against what is radiated from conventional fluoresents and CFL, for jaundice treatment.

**Double Surface Phototherapy Unit**

Technical Specifications :

PARAMETER

- Leds 9-12 hi power Leds (blue) (White Led optional)
- Irradiance > 42mw/cm2/nm at 30cm
- Light source lifetime minimum 25, 000hrs
- Less than 10% change in illumination after 25, 000 hrs (irradiance)
- Wavelength 420-480mm
- Variation in intensity for 6 hours <10%
- Effective area 50 cm x 30 cm

INPUT VOLTAGE 100-240 V, 50-60Hz

DIMENSIONS : Led Box : Front : 18" (L) x 10" (W) x 3" (H)

BACKSIDE : 18" x 8.5" x 3"

HEIGHT (adjustable) • Min : 1230mm
Length - 800mm • Max : 1600mm • Width - 720mm

DOUBLE SURFACE PHOTOTHERAPY UNIT : It is a combination of over head Phototherapy Unit and Undersurface phototherapy with Baby bassinet.

BABY BASSINET :

- Clear Collapsible fold down side panels
- Baby Tray with Transparent base for undersurface phototherapy usage.
- Lower Shelf
- Movable Castors
- Undersuface LED Phototherapy
- Same as over head placed under the bassinet

OPTIONAL

- LCD digital Timer for lamp usage hours and patient exposure
- X-Ray Cassete guide facility

**Single Surface Phototherapy Unit**

# PRODUCTS **WE DEALS IN**

## RESTOHEALTH (Bubble CPAP System)

Restohealth is a unique system that can deliver high flows of air or oxygen ranging from 1 to 15 LMp.

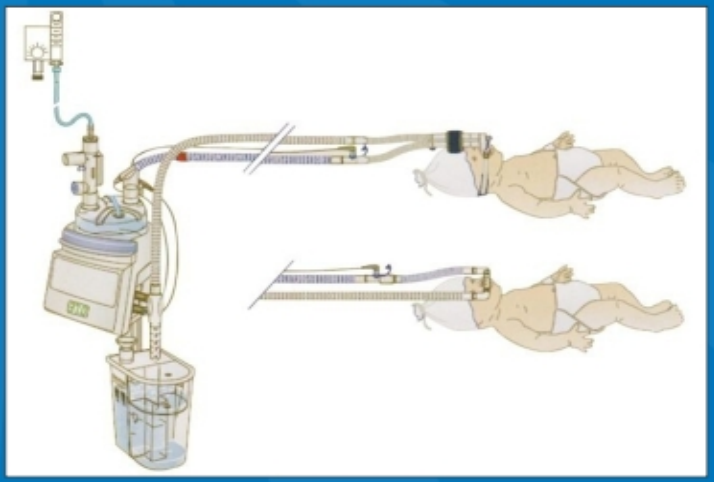
Clinical studies have proven the usefulness of high flow of gases when warmed at body temperature and humidified up to 99 to 100% relative humidity and delivered through nasal cannula. Heat and humidity prevents airway water loss, airway cooling, thickened secretions, nasal irritation & bleeding.

The Restohealth allows delivery of breathing gases heated to body temperature & at nearly 100% relative humidity by nasal cannula without drying or cooling the airways, which was not possible in the conventional bubble humidifiers.

Most respiratory diseases of the neonate occur as a result of the immaturity of the premature neonate's lungs. The respiratory system is underdeveloped and adequate gas exchange does not take place naturally, with this, there is a need for providing external respiratory support.

Some of the benefits of using bubble CPAP are :
Resohealth effectively maintains functional Residual capacity (FRC) Most lung diseases that lead to respiratory failure are commonly associated with a reduced FRC. Maintaining FRC is very important to premature neonates who have a greater tendency of airway closure when FRC falls below closing volume.

Resoheath helps reduce the infant's works breathing (WOB). There is a decrease in infant's minute volume and respiratory rate with Resohealth. Chest vibrations are casued by the pressure oscillations from the bubbling. These pressure oscillations are reverberated back into the infant's airway and may provide an alternate form of gas exchange through the principle of facilitated diffusion.



Resohealth may reduce the need for intubation and mechanical ventilation. The use of Resohealth avoided the need for intubation, thereby reducing the possibility of airway injury, aspirations and secondary infection associated with the use of the ET tube. It further reduces the need for mechanical ventilation that minimize the possible incidence of barotrauma.

Resohealth Tends to reduce the incidence of Chronic Lung Disease (CLD)

Resohealth may improve non-pulmonary outcomes. Improved non-pulmonary effects such as the tendency to increase mean weight at 36weeks corrected gestation, increase mean length and head circumference, reduction time to reach full oral feeds and average length of stay.

## Our Product Certificates

- CE
- ISO 9001:2008
- ISO 13485-2003
- SSI
- NSICL
- IEC 60601

CONTACT **US**


# S.S. TECHNOMED (P) LTD.

(AN ISO 9001:2008 & 13485-2003 CERTIFIED COMPANY)

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