**IRW 5002B**

**SPECIFICATION**

* Microprocessor based temperature controller with Pre-warm,
* Manual and Skin Servo modes LED Display of Skin Temp., Set Temp. (Resolution 0.1°C) & Heater Power %.
* LCD to display modes of operation, Alarm messages, Skin Temperature in ˚F and Timer.
* Thermistor based sensor with Accuracy of +/- 0.2°C (Temp. Calibration not require)
* Modes of Operation: Skin Servo, Manual and Pre-Warm
* Keypad lock facility
* Skin mode: Temperature range: 34 to 38°C , Resolution : 0.1°C
* Manual mode: Adjustable Heater Power 0 to 100% (with an increment of 5%), Time duration:15mins
* Pre-warm mode: To pre-warm the cradle before baby is placed on the bed. (No alarm activated ) Adjustable Heater Power 0 to
* 25% (with an increment of 5%), Time duration:30mins
* Overhead heater box: Swivelling, Consists of Ceramic heater (650 Watts) placed in parabolic re\_ector with a safety grill &
* Halogen observation light (12V/50W) for observing the baby
* Operating Voltage: 220-240 VAC, 50Hz
* Power: 800W (Max.)
* Power Fail Alarm: Audio with LED indicator
* Alarm: Audio alarm with 10 minute mute facility & Visual alarms with message on LCD

**Single Surface LED Phototherapy Unit**

**Series 6000**

**Innovative and world class technology in neonatal care**

**Body Structure**

Heavy duty mobile stand phototherapy unit mounted on

4 castor wheel (with brake 2 nos )

**Light source**

Therapeutic high wattage blue LEDs, 12 nos having

wavelength of 455 nm to 465 nm. LED lamps rated to last

up to 50,000 hours at high power

**Height adjustment facility**

Over surface phototherapy unit have light source height

adjustment range between 0.95 m to 1.5 m from the floor

**Source swiveling**

Over surface phototherapy unit have source swivelling

facility, continuous upto 90Ëšon both side

**Effective surface area**

Effective surface area of the phototherapy unit is 40 cm x

30 cm, having a uniformity ratio of 40% at a distance of

35 cm to 45 cm from light source. High irradiance

measures upto 67.5 ÂµW/cm2/nm

**Digital timer**

Dual digital cumalative timer in hours for lamp timer and

patient timer

**LED Phototherapy Unit**

Innovative and world class technology in neonatal care

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**Body Structure**

Heavy duty mobile stand phototherapy unit mounted on 4 castor wheel (with brake 2 nos )

**Light source**

Therapeutic high wattage blue LEDs, 12 nos having wavelength of 455 nm to 465 nm. LED lamps rated to last

up to 50,000 hours at high power

**Height adjustment facility**

Over surface phototherapy unit have light source height adjustment range between 0.95 m to 1.5 m from the floor

**Dimming Facility:**

Blue LEDs of the photo therapy unit have a light dimming charecteristis

**Source Swiveling**

Over surface phototherapy unit have source swivelling facility,continuous upto 90o  on both side

**Effective surface area**

Effective surface area of the phototherapy unitis 40cm x 30cm, having a uniformity ratio of 40% at distance of 35cm to 45cm from light source. High irradiance measures upto 675µW/cm2/mm

**Digital timer**

Dual digital cumalative timer in hours for lamp timer and patient timer

**Double Surface LED Phototherapy Unit**

**Model 4103**

**Body Structure**

Heavy duty mobile stand phototherapy unit mounted on 4 castor wheel (with breaker-2)along with infant care trolley mounted on 4 castor wheel (with breakes-2) and under surface phototherapy unit

**Light Source**

Therauptic high wattage blue LEDs 16 nos for over surface and 8 nos for under surface having wavelength of 455nm to 465nm and observation high wattage white LED, 4nos LED lamps rated to last up to 50000 hr at high power

**Height adjustment**

Over surface phototherapy unit have light source height adjustment range between 0.95 m to 1.5 m from the floor

**Dimming Facility:**

Blue LEDs of the photo therapy unit have a light dimming characteristic

**Source Swiveling**

Over surface phototherapy unit have source swivelling facility,continuous upto 90o  on both side

**Effective surface area**

Effective surface area of the phototherapy unitis 40cm x 30cm, having a uniformity ratio of 40% at distance of 35cm to 45cm from light source. High irradiance measures upto 675µW/cm2/mm

**Digital timer**

Dual digital cumalative timer in hours for lamp timer and patient timer

**Double Surface LED Phototherapy Unit**

**Model 6003**

**Body Structure**

Heavy duty mobile stand phototherapy unit mounted on 4 castor wheel (with brakes 2 nos ) along with infant care trolley mounted on 4 castor wheel (with brakes 2 nos) and under surface phototherapy unit

**Light source**

Therapeutic high wattage blue LEDs, 12 nos for over surface and 8 nos for under surface having wavelength of 455 nm to 465 nm. LED lamps rated to last up to 50,000 hours at high power

**Height adjustment facility**

Over surface phototherapy unit have light source height adjustment range between 0.95 m to 1.5 m from

the fl‚oor

**Source swiveling**

Over surface phototherapy stand have source swivelling facility, continuous upto 90o both side

**Effective surface area**

Effective surface area of the phototherapy unit is 40 cm x 30 cm, having a uniformity ratio of 40% at a distance of 35cm to 45 cm from light source. High irradiance measures upto 67.5 ÂµW/cm2/nm for over surface and 37.0 ÂµW/cm2/nm

**Digital timer**

Dual digital cumalative timer in hours for lamp timer and

patient timer

**Radiant Heat Warmer**

Series 5002

Mobile new born resuscitation table – Fixed height

Skin, Manual and Pre-Warm control modes

Microprocessor based controller with highly accurate Thermistor sensors (No Calibration

required)

LCD for alarm messages

APGAR (Up) and Down Timer

Ceramic heater with reflector and safety grill

Patient examination lamp for extra illumination during procedure

Stainless Steel Baby bed with Baby Mattress (density approx. 21-25 kg/mÂ³) with waterproof,

zipped cover

Continuous variable head up/down facility

Polycarbonate side panels collapsible/lockable

X-ray cassette holder tray underneath baby bed

Facility to attach syringe/infusion pump, shelf to place monitor

SS multi hook IV stand

Facility to incorporate Under Surface Phototherapy

Mounted on 4 swivel castors (100 mm)

**Radiant Heat Warmer**

**Series 1100**

**Processor :** Advance, Accurate & high speed micro-controller based system

**Control Modes :** Skin / Manual / Air / Prewarm

**No Calibration :** Thermistor sensor & Preloaded software eliminates recalibration of Temperature

**Overheating Safety :** Heater power 25% down, If 100% heater power for 15 minutes high (All modes)

**User friendly:** Display of Baby temp (ºC & ºF), Air & Set temp., % Heater power Alarm message on LCD for up and down & Timers Keypad lock facility

**Baby Tray :** Continuous adjustable bed tilt, Mattress with washable cover, X-ray cassette holder

**Unbreakable :** Polycarbonate side panels collapsible/lockable

**Non Corrosive :** Stainless steel baby tray, Aluminium coated lower shelves, Stainless steel IV/Infusion rod

**OT LIGHTS**

**TRIPLE DOME LIGHTING SYSTEM-LP 3000**

**SPECIFICATION,**

Lux Inttensity 3,60,000 Lux

Color Temperaure 4500K

Number of LED 30 +30 + 30

Color rendering index Ra >94

Red color rendition R9>92

Operating Field Dia : 190mm each Light dome

Depth of illumination : 960mm

Total irradiance Ee : 260W/m2  390W/m2 per dome

Power consumption : 25W 33W

LED Life “ 50,000Hrs

Power Supply : 100\*230VAC,50/60Hz

Protection Type : IP 42

Weight : 2.9Kg each dome

**DOUBLE DOME LIGHTING SYSTEM-LP 2000**

Lux Inttensity 2,40,000 Lux

Color Temperaure 4500K

Number of LED 30 +30

Color rendering index Ra >94

Red color rendition R9>92

Operating Field Dia : 190mm each Light dome

Depth of illumination : 960mm

Total irradiance Ee : 260W/m2  390W/m2 per dome

Power consumption : 25W 33W

LED Life “ 50,000Hrs

Power Supply : 100 - 230VAC,50/60Hz

Protection Type : IP 42

Weight : 2.9Kg each dome

**DOUBLE DOME LIGHTING SYSTEM-LMDD 240**

Lux Inttensity 2,40,000 Lux

Color Temperaure 4500K – 5200K

Color rendering index Ra >90

Intensity adjustment : 10 - 100% on LCD Display

Endo Mode : Yes available

Temperature increase over Surgeon head : Not >2degre

Index Light Spot : 200mm – 250mm

Power Supply : 100 - 230VAC,50/60Hz

**EXAMINATION LIGHT- L70**

**Specification**

Lux intensity : 70,000 Lux

Intensity adjustment by Rotary Knob

Mobile on Wheel

Power Supply : 230VAC, 50/60Hz