



SINCE 1996

STAND TYPE LED PHOTOTHERAPY

STP 2024

An effective Phototherapy system used for treatment of neonatal hyperbilirubinaemia. Uniquely designed with swift mode of operation with larger surface area coverage makes the treatment more easy, convenient and effective avoiding skin rashes and weight loss. Rigid Castor wheels with two brakes for easy mobility. Lower power consumption.

**ADJUSTABLE HEIGHT. CAN BE USED WITH
WARMERS, INCUBATORS AND CRIBS**

FEATURES:



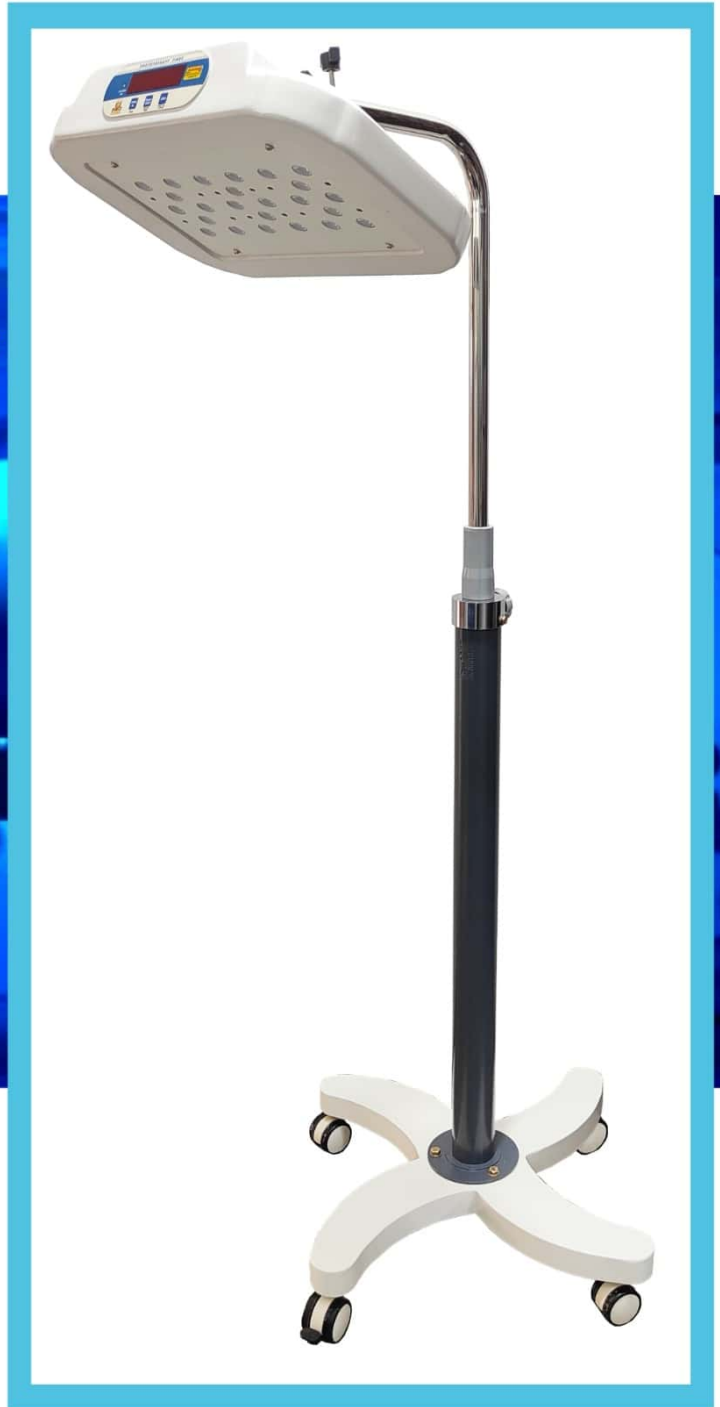
**HI INTENSITY BLUE
LED 18 NOS**



**OBSERVATION
WHITE LED 6 NOS**



**BI-DIRECTIONAL
ANGLE ADJUSTMENT**



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DUAL SURFACE LED PHOTOTHERAPY DSP2112

LED Phototherapy treatment provided in the NICU offers Blue LED light source for the newborn having hyperbilirubinemia (jaundice) and are unable to break down the excess bilirubin level in the blood. Blue light from Phototherapy helps in reducing the bilirubin levels. The LED light is provided as a treatment for newborn jaundice, while the infants are placed in bassinet, Incubator unit or Radiant warmer.



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PRAGATHI MEDICAL SYSTEMS



Double Side LED Phototherapy DSP 2112

FEATURES AND SPECIFICATIONS

- An effective Phototherapy system for treatment of neonatal hyperbilirubinaemia
- Uniquely designed with SWIFT mode of operation with larger surface area coverage makes the treatment more easy & effective avoiding the skin rashes and weight loss.
- Height and angle adjustment.
- Rigid castor wheels with two breaks for easy mobility.
- Lower power consumption.
- Reusable and washable baby mattress.
- Four sides collapsible acrylic side railing.
- Light Source:
 - Topside -
 - a) High Bright Blue LED 15 nos for treatment.
 - b) White LED 4 nos for observation.
 - Downside -
 - a) High Bright Blue LED 15 nos for treatment.
- LCD timer.
 - a) Displays the total hours of the Blue LEDs (Non resettable).
 - b) Displays baby treatment hours of the Blue LED (resettable).
 - c) Adjustable intensity of Blue LED from 10% to 100% in steps of 10%.
- Body available in mild steel/powder coated.
- Wavelength 430-490nm (Peak 450-480).
- Spectral Irradiance 60MW/cm²/nm
- Surface area 90 x 60cm
- AC Input voltage at 100/240v AC 50/60Hz.
- Wattage 10 watts maximum over-current protection.
- DC Output Voltage 12v DC 2 Amp
- Leakage current <300 uA @ 264 v-



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PRAGATHI MEDICAL SYSTEMS



Trolley Type LED Phototherapy TTP 2113

FEATURES

- An effective Phototherapy system for treatment of neonatal hyperbilirubinaemia
- Uniquely designed with SWIFT mode of operation with larger surface area coverage makes the treatment more easy & effective avoiding the skin rashes and weight loss.
- Height and angle adjustment.
- Rigid castor wheels with two breaks for easy mobility.
- Lower power consumption.
- Usable with baby bassinet, incubator, and radiant warmer.
- Light Source:
 - a) High Bright Blue LED 15 nos for treatment.
 - b) White LED 4 nos for observation.
- LCD timer.
 - a) Displays the total hours of the Blue LEDs (Non resettable).
 - b) Displays baby treatment hours of the Blue LED (resettable).
 - c) Adjustable intensity of Blue LED from 10% to 100% in steps of 10%.
 - d) Real Time Clock with 50 memory.
- Body available in mild steel/powder coated.

TECHNICAL SPECIFICATIONS

- Wavelength 430-490nm (Peak 450-480).
- Spectral Irradiance 60MW/cm²/nm
- Surface area 90 x 60cm
- AC Input voltage at 100/240v AC 50/60Hz.
- Wattage 10 watts maximum over-current protection.
- DC Output Voltage 12v DC 2 Amp
- Leakage current <300 uA @ 264 v-



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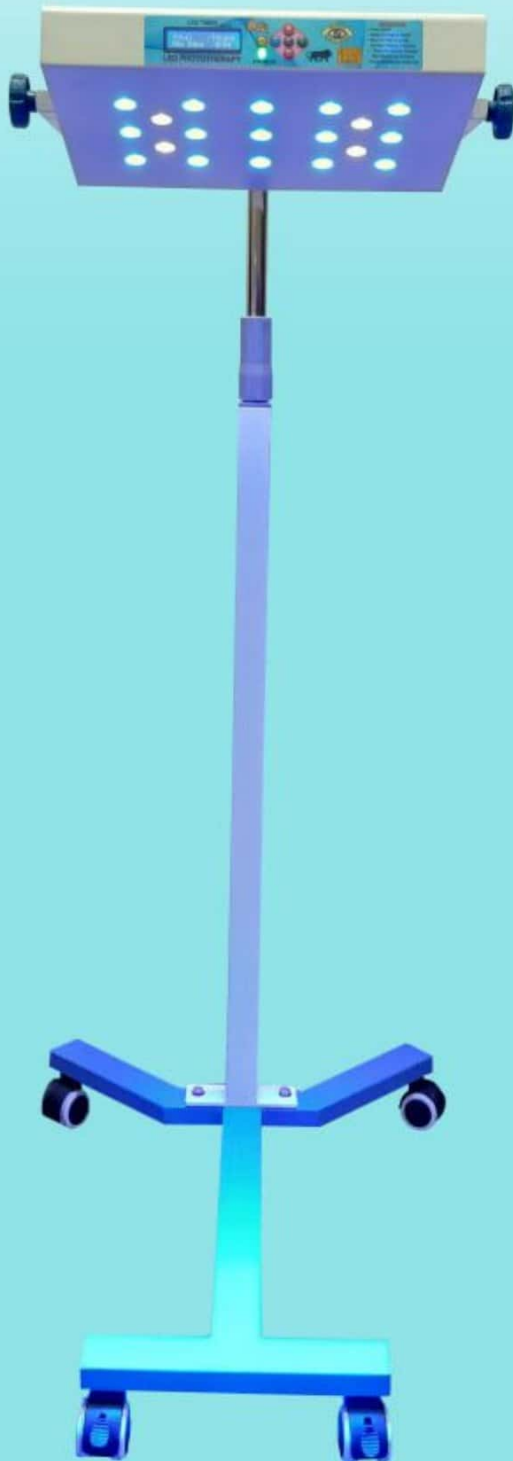
PRAGATHI MEDICAL SYSTEMS



Stand Type LED Phototherapy STP 2114

FEATURES AND SPECIFICATIONS

- An effective Phototherapy system for treatment of neonatal hyperbilirubinaemia
- Uniquely designed with SWIFT mode of operation with larger surface area coverage makes the treatment more easy & effective avoiding the skin rashes and weight loss.
- Height and angle adjustment.
- Rigid castor wheels with two breaks for easy mobility.
- Lower power consumption.
- Usable with baby bassinet, incubator, and radiant warmer.
- Light Source:
 - a) High Bright Blue LED 15 nos for treatment.
 - b) White LED 4 nos for observation.
- LCD timer.
 - a) Displays the total hours of the Blue LEDs (Non resettable).
 - b) Displays baby treatment hours of the Blue LED (resettable).
 - c) Adjustable intensity of Blue LED from 10% to 100% in steps of 10%.
 - d) Real Time Clock with 50 memory.
- Body available in mild steel/powder coated.
- Wavelength 430-490nm (Peak 450-480).
- Spectral Irradiance 60MW/cm²/nm
- Surface area 90 x 60cm
- AC Input voltage at 100/240v AC 50/60Hz.
- Wattage 10 watts maximum over-current protection.
- DC Output Voltage 12v DC 2 Amp
- Leakage current <300 uA @ 264 v-



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PRAGATHI MEDICAL SYSTEMS



LED Phototherapy Tray LDT 2115



FEATURES AND SPECIFICATIONS

- An effective Phototherapy system for treatment of neonatal hyperbilirubinaemia
- Uniquely designed with SWIFT mode of operation with larger surface area coverage makes the treatment more easy & effective avoiding the skin rashes and weight loss.
- Lower power consumption.
- Light Source:
High Bright Blue LED 15 nos for treatment.
- Body available in mild steel/powder coated.
- Wavelength 430-490nm (Peak 450-480).
- Spectral Irradiance 60MW/cm²/nm
- Surface area 90 x 60cm
- AC Input voltage at 100/240v AC 50/60Hz.
- Wattage 10 watts maximum over-current protection.
- DC Output Voltage 12v DC 2 Amp
- Leakage current <300 uA @ 264 v-

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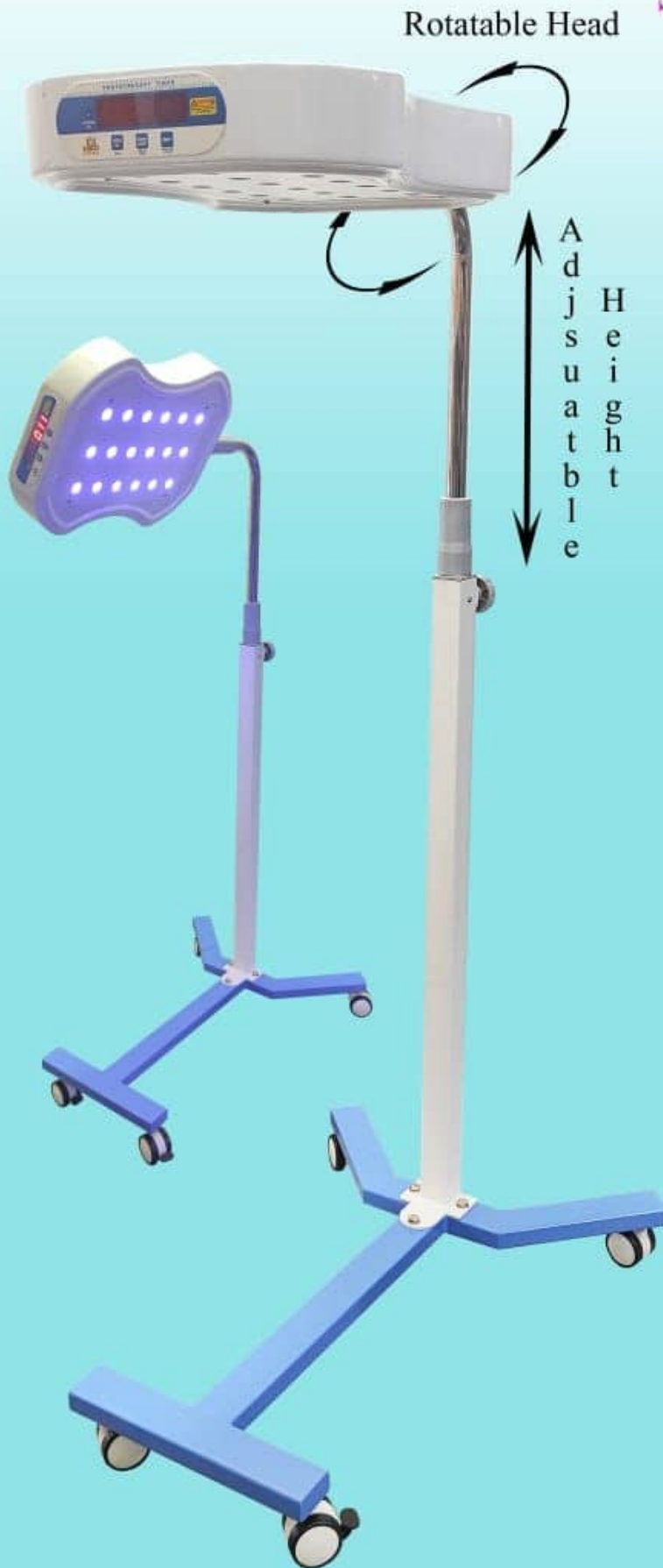


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PRAGATHI MEDICAL SYSTEMS

Stand Type LED Phototherapy STP 2114B

FEATURES AND SPECIFICATIONS



- An effective Phototherapy system for treatment of neonatal hyperbilirubinaemia
- Uniquely designed with SWIFT mode of operation with larger surface area coverage makes the treatment more easy & effective avoiding the skin rashes and weight loss.
- Height and angle adjustment.
- Rigid castor wheels with two breaks for easy mobility.
- Lower power consumption.
- Usable with baby bassinet, incubator, and radiant warmer.
- Light Source:
High Bright Blue LED 18 nos for treatment.
High Bright White LED 6 nos for observation (Optional)
- Phototherapy Timer.
 - a) Displays the total hours of the Blue LEDs (Non resettable).
 - b) Displays baby treatment hours of the Blue LED (resettable).
- Body available in mild steel/powder coated.
- Wavelength 430-490nm (Peak 450-480).
- Spectral Irradiance 60MW/cm²/nm
- Surface area 90 x 60cm
- AC Input voltage at 100/240v AC 50/60Hz.
- Wattage 10 watts maximum over-current protection.
- DC Output Voltage 12v DC 5 Amp
- Leakage current <300 uA @ 264 v-

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