



# Overhead Phototherapy Unit LED (MODEL NO : BCPU 105)



**Overhead Phototherapy Unit LED Manufactured by Desco Medical India**

  
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## Overhead Phototherapy Unit LED



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### **Specification:-**

Overhead Phototherapy Unit LED has mobile stand with height adjustment facility along with easy swiveling of source box.

Overhead Phototherapy Unit LED is used by new born baby to cure Jaundice.

Jaundice can pose a serious problem because of high level billirubin which can permanently damage the brain. This indirect billirubin, which is not water soluble, can be decomposed to a harmless metabolic which is water soluble and does not cross blood brain barrier and is rapidly excreted in the bile and urine and so does not accumulate. This is achieved by exposing the infant to bright light (app. 4.5 micro watts/sq.cm/nm) in the range of 420 to 480nm wave length.

LED 9-12 hi power LEDs (blue)



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Irradiance > 42mw / cm<sup>2</sup> / nm at 30cm

Light source life time minimum 25,000 hrs.

Less than 10% change in illumination after 25,000 hrs (irradiance)

Wave length 420-480 nm

Variation in intensity for 6 hours < 10%

Effective area 50cm X 30cm.

Electrical: Input voltage 100-240V, 50-60Hz

Height is adjustable : 1230 mm to 1600 mm

Mobility - 3 Swivel Castors (2 with brakes)

Led unit rotation - ± 180° (continuous)

LCD Digital Timer is fitted for lamp usage hours

We are Manufacturer, Exporters and Suppliers of Overhead Phototherapy Unit LED at wholesale competitive prices from India

## **MODEL NO:**

**BCPU 105** OVERHEAD PHOTOTHERAPY UNIT LED