

Blue i Blue i+

LED Photo Therapy



Simple



Accurate



Versatile

Phototherapy is the most frequently used device to treat new born Jaundice babies. 10% of all new born worldwide require treatment for Jaundice to prevent severe brain damage, lifelong disability and death. So Early Recovery of Jaundice is required and depends upon irradiance of light (Optimal in the Blue 450-470 nm) exposed on baby body surface area and also dependent duration of time. The most commonly used to treat new born Jaundice are the fluorescent Blue tube convectional light, halogen lamp, Xenon bulbs, fiber optic Blanket, each of these different device therapy has numbers of disadvantages like high heat production, unstable wave length having

decreasing of irradiance (Approx 2000 hrs. maximum), so life of that device is very low and having maximum running cost.

To circumvent this issue we "Devay Medical Technologies" has developed an innovative long life (Approx 1,00,000 hrs.) Low power high intensity LED based cool light phototherapy having low running cost and more efficient. It does not emit Ultraviolet (UV) and Infrared Light which causes skin damage and hyperthermia, Delivery Treatment that complies with the American Academy of Pediatrics phototherapy standard it should be > 30 microwatt $\text{cm}^2 \text{nm}$.

SPECIFICATIONS

LED Phototherapy Unit Devay Specification

Long Life

Meets all Guidelines

Low Power Consumption

Safe & Quick Result

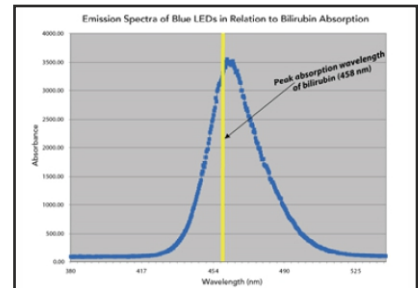
Compact Size

Low Running Cost

Irradiances changeable / set able (Optional)

Specification

Light Source	20 Deep Blue LED in BLUE I 24 Deep Blue LED in BLUE I+, 2 White Bright LED For Observation
Dominant Wavelength	450-470nm
Spectral Irradiances	BLUE i: 37 To 40 Microwatt/cm ² /nm BLUE i + : 42 To 45 Microwatt /cm ² /nm
LED Life	1,00,000 hours Low power high intensity based cool light
LCD Display (Model Blue i+)	Having Two Line LCD Display Features Includes Dose Setting, Hours Calculating And Display Feed Alarm Setting, Auto Off facility after set dose time completed
Power	
Power Supply Internal	AC Input Range 230Volt To 240Volt AC, 50/60hz, 1Amp
Power Consumption	26 Watts Max.
Housing and Construction	
Weight	2.0 Kg Approx For Blue i 2.3 Kg Approx For Blue i+ 7.0 Kg Approx For Base And Stand
Dimension	41 Cm (l), 9.5 Cm (h), 23 Cm (w) Approx. (Unit) 70 Cm (l), 110 Cm (h), 46 Cm (w) Approx. (Stand)
Height	110-170 Cm
Ground Clearance of Base	Stand – 4.0 cm, Trolley – 13.0 cm
Tile Adjustment	+/- 180 Degree
Temperature	1 to 48°C for Operating
Humidity	0 to 97% (Non Condensation)



Our Nearest Contact

Manufactured By

DEVAY® MEDICAL TECHNOLOGIES

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