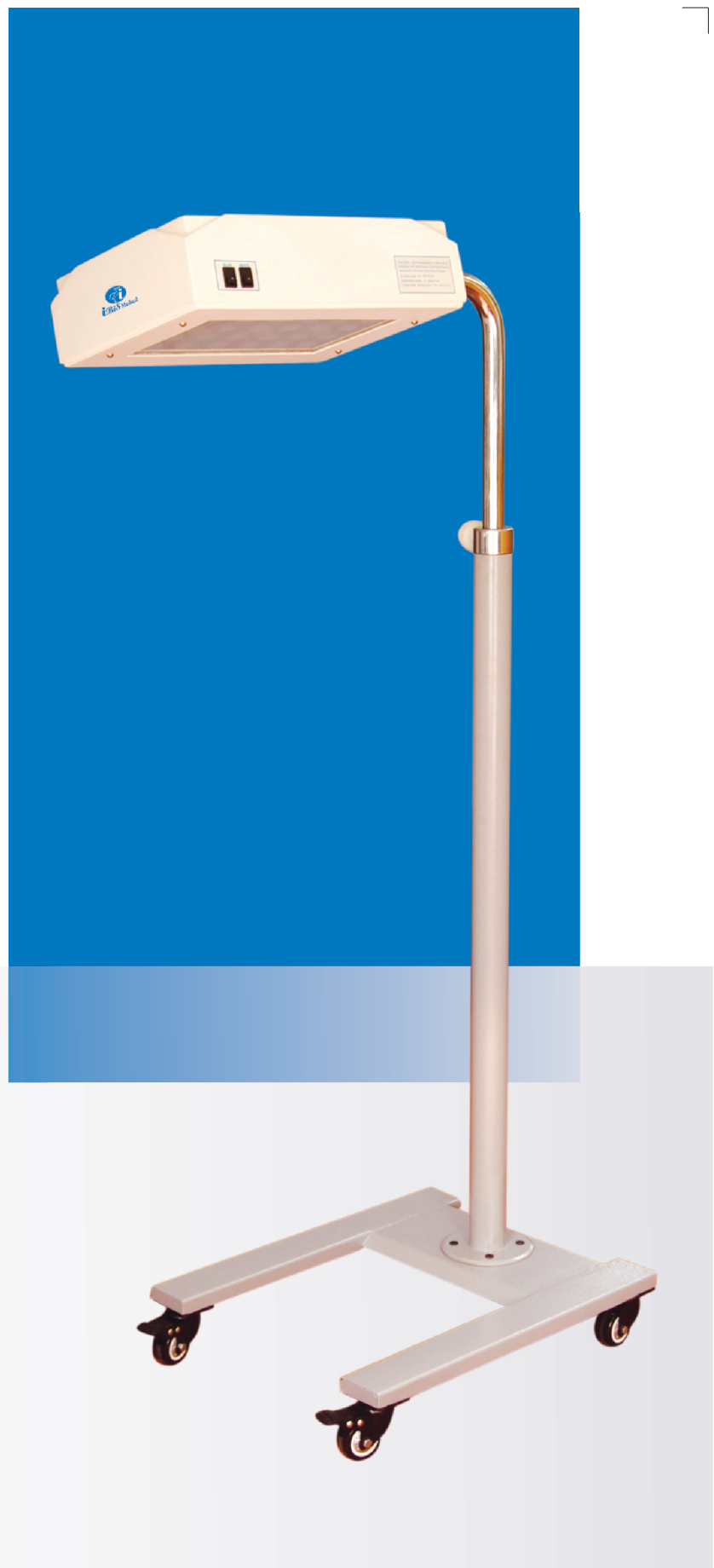




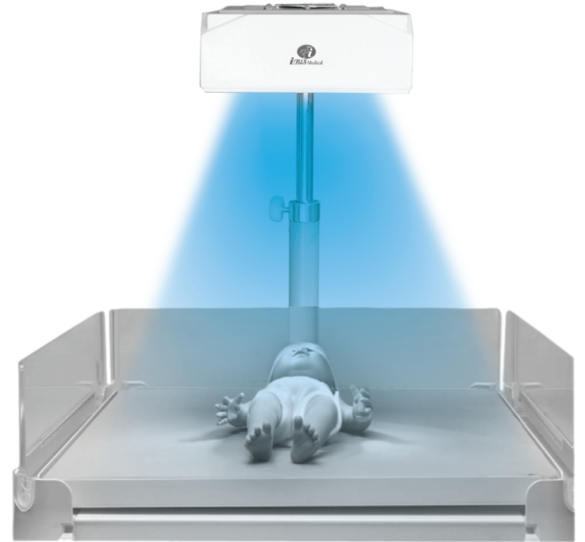
The effective  
and the easiest way of  
Phototherapy treatment



**iRex-10**  
LED Photo-Therapy Unit

- I Rex -10 delivers highly effective phototherapy through the use of Blue LEDs that meet the AAP Phototherapy guidelines\*.
- I Rex - 10 provides all the benefits of Blue LED technology in a compact and economy design.
- LEDs reduces costly and time consuming bulb replacements by providing 20,000 hr. of usage.
- Device timer assist in tracking overall usage of LED panel.
- Specially designed lighting source will cover maximum BSA of neonates.
- I Rex-10 do not emit Ultraviolet, Infrared light causes skin damage and hyperthermia.

I Rex-10s superior irradiance, low maintenance cost and double side phototherapy options make it as a reliable and effective phototherapy choice for NICUs.



## Technical Specifications

### Performance

Light source	: High bright blue LED
Wavelength	: 450-470nm
	: High bright white LED (for observation)
Spectral Irradiance	: 35 $\mu$ W /cm <sup>2</sup> /nm (30 cm height)
Effective surface area	: 50 x 30 cm

### Electrical specifications

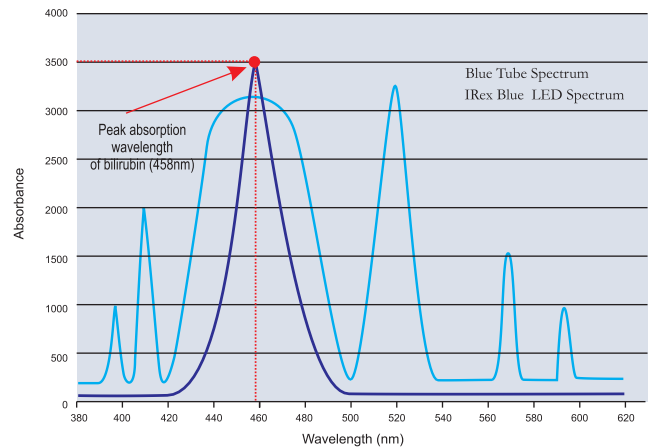
	: 220-240V, 50/60Hz
Max. rating	: 3A, 220-240W, 50/60 Hz
Fuse	: 2A, 220-240W, 50/60 Hz

### Physical specifications

Light unit	: 35.5 x 26x9cms
Height	: 110 -170cms
Clearance of base	: 7.5 cm
Tilt adjustment	: +/- 180 <sup>o</sup>

### Environmental specifications

Operating Temp.	: 15°C- 40°C
Humidity	: 0% - 95% non condensing



Comparison of Blue LED Spectrum with Blue Tube Spectrum  
(Spectrum analysed by International School of Photonics, CUSAT)

Any configuration suitable to your requirement can be provided Ibis Medical Equipment & Systems Pvt. Ltd. reserves the right to make changes in specification and features at any time without notice, contact Ibis representatives for the most current information.

\*American Academy of Pediatrics: Management of hyperbilirubinemia in the newborn infant 35 or more weeks of gestation. Pediatrics 2004; 297-316.

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