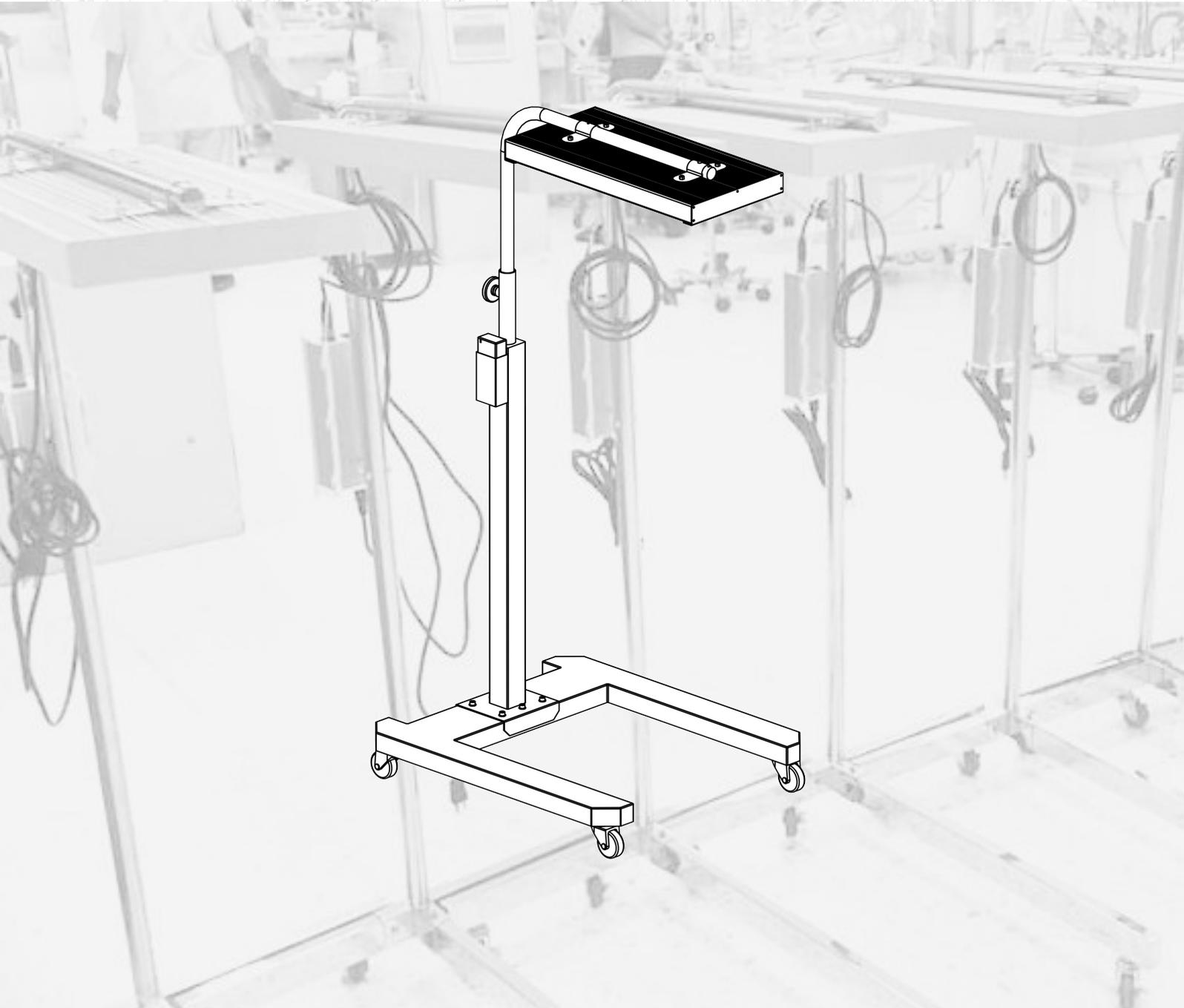


INTRONICS

LX-102S

Bili-Light

LED Phototherapy System



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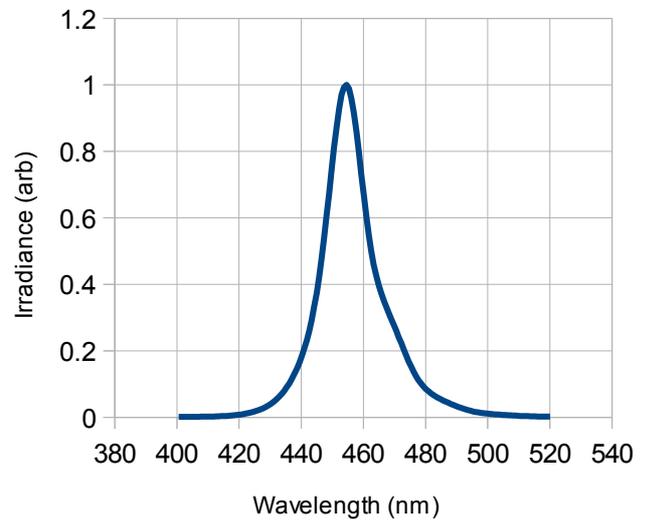
Intronics Bili-Light (LX-102S)

LX-102S is a floor-standing phototherapy system for neonatal hyperbilirubinemia treatment. The system uses blue LEDs with the spectral wavelength in the range of 425nm – 475nm with 2 adjustable light intensities for normal and intensive treatment. LX-102S incorporates features and benefits of modern phototherapy systems while maintaining design simplicity and without compromising the treatment effectiveness.

Feature and Benefits:

- ❑ Optimal wavelength and uniform light distribution
- ❑ Adjustable blue light intensities
- ❑ Long life, LEDs are rated to last up to 50,000 hours
- ❑ Incorporate white LEDs for caregivers and nurses
- ❑ LED display for treatment time and total lamp age
- ❑ Quiet, no fan or mechanical moving part in the lamp unit
- ❑ Simple design for ease-of-use

Spectral Irradiance



Specification	
Blue light source	Blue LEDs
Blue light wavelength	425nm – 475nm
Additional light source	White LEDs
Spectral Irradiance (at 40 cm from the light unit)	Intensive mode $\geq 40 \mu\text{W}/\text{cm}^2/\text{nm}$ Regular mode $\geq 30 \mu\text{W}/\text{cm}^2/\text{nm}$
LED life expectancy	Approximately 50,000 hours before an irradiance drop of 30%
Power rating	40 Watts maximum at 100-240Vac , 50-60Hz
Overall dimension (LxWxH)	700 x 580 x 1700 mm. at maximum height
Overall weight	12 kg.

Intronics is recognized in Thailand and several countries world-wide for over 30 years as a pioneer in R&D and manufacturer of embedded systems, HVAC controller and LED lighting products. Our healthcare product line which includes LED phototherapy units and Bili-meter have been tested and used in hospitals all over Thailand.