

IBIS



iRex

Phototherapy Equipment

MEDICAL

At Ibis Medical, we provide advanced solutions for treating neonatal jaundice, prioritizing the safety and comfort of newborns. With a legacy of providing best-in-class phototherapy units, Ibis Medical has consistently set benchmarks in neonatal care.

Our phototherapy devices combine innovative technology with world-class materials to deliver precise and effective light therapy.

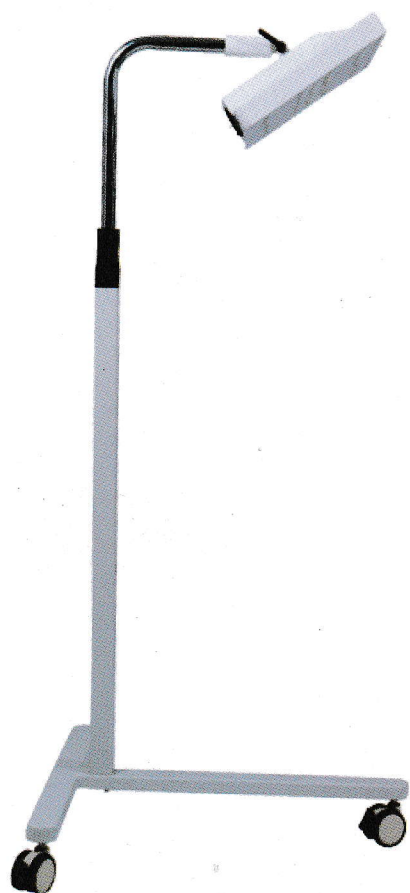
Designed with care, our devices emit consistent blue light wavelengths crucial for breaking down bilirubin, while ensuring

iRex 20 Neo offers:

- Highly efficient, Blue LED lights for fast & optimal treatment. The lamps used are designed for phototherapy-only use, which provides better therapy outcomes.
- Uniform light distribution for enhanced therapy outcomes.
- Compact and user-friendly design, making it ideal for NICUs and hospitals.
- Intensity control to help you select the appropriate light irradiance for optimum treatment.
- Sleek light weight, space saving design
- Can be paired with iBed infant trolley and iRex UD for double surface phototherapy.

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Performance Parameters

- Wavelength: 450 to 461 nm peaking at 458
- 52 latest technology Blue LED lamps for jaundice treatment.
- 8 DayLight White LED lamps for observation
- Average Effective Light Field: > 1200cm²
- Irradiance intensity between 15-70 $\mu\text{W}/\text{nm}/\text{cm}^2$ at 30-40 cm distance. The intensity can be manually regulated.

Key Features

- Sleek, modern design and yet powerful Phototherapy unit meant to treat moderate to severe jaundice in neonates.
- Simple elegant design, light weight and easy to transport. Yet tough enough for rugged use in Hospital NICUs.
- Head can be tilted for better positioning and light coverage of the baby.
- Height of the unit can be increased from 110-170 cm.
- The irradiance ratio (min to max) on mattress: 30 - 40 %
- Counterbalanced with locks for free fall protection
- Digital LED usage timer which displays Total Utilization
- Time and current Patient Time (resettable).
- 3 castor wheels with two brakes.
- Safe. Auto cut off provided if the temperature in the light enclosure exceeds 65° C.

Electrical Specifications

- AC Input 110- 240 V, 50 Hz
- Max Rating 1A @ 110-265 VAC, 50/60 Hz
- Fuses 1A @ 110-240 VAC, 50/60 Hz
- Blue lamp : 1W 6V SMD LED with frosted lens 52 nos
- White Lamp : 1W 6V SMD LED with frosted lens 8 nos

Environmental Specifications

- Operating Temperature 15- 40° C
- Relative Humidity 0 - 95% Non Condensing

Product Safety & Statutory Certifications

- Unit is IEC 60601-1:2022 60601-2-50:2005 product safety compliant. Tested by NABL approved lab.
- ISO 13485 certified manufacturer. Certified by CDSCO approved notified body.
- Manufacturing Licence from CDSCO.



ISO 13485: 2015



IEC 60601-1 : 2020
IEC 60601-2-50 : 2020



MOHA VIR BHAI
Licence Number:
MFG/MD/2023/000252



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