



NEONATE BILIRUBIN
PHOTOTHERAPY EQUIPMENT



Brief Introduction

- Intensive phototherapy equipment, large effective treatment area, meets AAP Guidelines for intensive phototherapy;
- Blue LED phototherapy radiation;
- Bed temperature mode servo controlled by micro-computer;
- Baby temperature monitoring, LCD color display, touch-key operation;
- Self-checking and multiple failure alarm;
- Timer for the phototherapy time;
- Reflection cover on the top for reducing the irradiation light leakage and enhancing the therapeutic effect.

Standard Configuration

Bed, mattress, control box, support bracket and reflection cover.

Specification

Power supply: AC220V-230V/50Hz or AC110-120V/50-60Hz, 75VA

Temperature control mode: bed temperature servo control mode

Bed temperature control range: 36°C-38°C

Skin temperature display range: 5°C-65°C

Accuracy of bed temperature control: $\leq \pm 1.0^{\circ}\text{C}$

Accuracy of bed temperature display: $\leq \pm 0.7^{\circ}\text{C}$

Bed temperature variability: $\leq \pm 0.5^{\circ}\text{C}$

Heating up time: 2 hours (the mattress temperature rise from 23°C to 37°C)

Accuracy of skin temperature sensor: $\leq \pm 0.2^{\circ}\text{C}$

Mattress temperature uniformity: $\leq \pm 2.5^{\circ}\text{C}$

Working noise of bed surface: $\leq 55\text{dB(A)}$

Failure alarm: over-temperature alarm, sensor alarm, temperature deviation alarm, motor fan failed alarm

General bilirubin radiation of the effective surface area:

LED	Average value of general bilirubin radiation mW/cm^2	General radiation mW/cm^2	Maximum value of general bilirubin radiation mW/cm^2
ALL ON	≥ 2.3	≥ 2.8	≥ 4.0

Uniformity of the total irradiance for bilirubin: ≥ 0.4

Dominant wavelength of blue light: 450-470nm

Light effective surface: 54cm × 26cm

Life time of LED: 20000hrs

Operating request

Temperature range: 20°C-30°C

Relative humidity: 30%-75%RH

Atmospheric pressure: 700hPa ~ 1060hPa

Product Packaging

Package: the whole unit is packed into one carton

Dimension: 1110mm × 620mm × 990mm

Gross Weight: 37kg