

Endless Love  To Guard The New Life Safe



XHZ-90 SERIES

NEONATE BILIRUBIN
PHOTOTHERAPY EQUIPMENT

Brief Introduction

- Mobile and fixed models available (Fixed model is specially mounted on our company's infant incubator);
- Two kinds of radiate resources: Blue fluorescent lamp or blue LED;
- Timer to count phototherapy time;
- Angle of lamp module can be adjusted (for mobile model);
- Height of lamp module can be adjusted (for mobile model);
- Wheels can be locked (for mobile model).

Standard Configuration

Mobile model: The lamp module (including radiant light resource, protective panel and timer), lock knob, and mobile stand (including height adjustment rod, lamp column and stand) and wheels.

Fixed model: The lamp module (including radiant light resource, protective panel and timer) and lamp column.

Specification

Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 150VA (XHZ-90)
AC220V-230V/50Hz or AC110-120V/50-60Hz, 75VA (XHZ-90L)

Light source: Blue fluorescent lamp (XHZ-90)
Blue LED (XHZ-90L)

Peak spectrum of radiant light resource: 436nm (XHZ-90)
465nm (XHZ-90L)

The total spectral irradiance on the effective surface area: $\geq 1\text{mW/cm}^2$ (for mobile XHZ-90)
 $\geq 0.6\text{mW/cm}^2$ (for fixed XHZ-90)
 $\geq 3.7\text{mW/cm}^2$ (for mobile XHZ-90L)
 $\geq 1.7\text{mW/cm}^2$ (for fixed XHZ-90L)

Average value general bilirubin radiation on the effective surface area: $\geq 0.9\text{mW/cm}^2$ (for mobile XHZ-90)
 $\geq 0.64\text{mW/cm}^2$ (for fixed XHZ-90)
 $\geq 2.5\text{mW/cm}^2$ (for mobile XHZ-90L)
 $\geq 1.3\text{mW/cm}^2$ (for fixed XHZ-90L)

Uniformity of the total irradiance for bilirubin: > 0.4

Dominant wavelength of blue light: 420-470nm

Lifetime of LED: 20000hrs

Lifetime of blue fluorescent lamps: 2000hrs

Radiation angle of the phototherapy lamp adjustable: 0-90° up from horizontal (Only for Mobile model)

Adjustable range for the height of lamp module: 1350mm~1650mm (Only for Mobile model)

Built-in timer range: 0~9999 hrs 59min

Product Packaging

Package: the whole unit is packed into one carton
Dimension: 955mm x 655mm x 205mm
Gross Weight: 23Kg



XHZ-90



XHZ-90L