

Endless Love  To Guard The New Life Safe



# XHZ-90 SERIES

NEONATE BILIRUBIN  
PHOTOTHERAPY EQUIPMENT

 0123

Stock code [300314]

  
DAVID

## 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 AC110V-120V/50-60Hz, 150VA (XHZ-90)  
AC220V-230V/50Hz or AC110V-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:  $\geq 15\mu\text{W}/\text{cm}^2/\text{nm}$  (for mobile XHZ-90)  
 $\geq 9\mu\text{W}/\text{cm}^2/\text{nm}$  (for fixed XHZ-90)  
 $\geq 56\mu\text{W}/\text{cm}^2/\text{nm}$  (for mobile XHZ-90L)  
 $\geq 26\mu\text{W}/\text{cm}^2/\text{nm}$  (for fixed XHZ-90L)

Average value general bilirubin radiation on the effective surface area:  $\geq 14\mu\text{W}/\text{cm}^2/\text{nm}$  (for mobile XHZ-90)  
 $\geq 10\mu\text{W}/\text{cm}^2/\text{nm}$  (for fixed XHZ-90)  
 $\geq 38\mu\text{W}/\text{cm}^2/\text{nm}$  (for mobile XHZ-90L)  
 $\geq 20\mu\text{W}/\text{cm}^2/\text{nm}$  (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: 0-60° 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: 0-99999.9 hrs

## Product Packaging

Package: the whole unit is packed into one carton

Dimension: 955mm x 655mm x 205mm

Gross Weight: 23Kg



XHZ-90



XHZ-90L



Ningbo David Medical Device Co.,Ltd

Add: Bldg No. 5 Ningbo Smart Park, #98 Chuangyuan Rd, Hi-tech Zone, Ningbo, China

Tel: 0086-574-8780 0008 or 8780 0007

Fax: 0086-574-8780 3714

E-mail: sales@nbdavid.com

Web.: www.nbdavid.com

P.C.: 315048