



XHZ

NEONATE BILIRUBIN PHOTOTHERAPY EQUIPMENT

Stock code [300314]



DAVID

Brief Introduction

- Air Mode and Baby Mode control by micro-computer;
- Failure alarm indication;
- Blue light radiation for upper and nether cases. Blue fluorescent lamp as upper case light source, blue LED as nether case light source;
- Timer for phototherapy caring time;
- Bassinet can be pulled out from the side door;
- Low noise DC motor.

Standard Configuration

Above case (including above lamp, controller and infant bed); Nether case (including nether lamp and cabinet); Skin temperature sensor; I.V. Pole.

Optional Configuration

Blue LED as upper case light source;
Disposable skin temperature sensor.



Specification

Power requirement: AC220V-230V/50Hz or AC110-120V/50-60Hz, 600VA

Control Mode: Air mode and baby mode control by micro-computer

Temperature control range: 25°C-34°C

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

Correlation of displayed average value and actual average value (stable temperature condition) : $\leq 0.8^{\circ}\text{C}$

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

Temperature uniformity of the bed: $\leq 0.8^{\circ}\text{C}$

Noise level above the bed: $\leq 55\text{dB(A)}$

Failure alarm: Over-temperature alarm; Deviation alarm, Sensor failure alarm, Fan failure alarm and Check alarm.

The total irradiance for bilirubin on the effective surface area:

Above case: $\geq 1.5\text{mw/cm}^2$ (blue fluorescent lamp)

$\geq 2.0\text{mw/cm}^2$ (Blue LED)

Nether case: $\geq 3.0\text{mw/cm}^2$

Average value of general bilirubin radiation on the effective surface area:

Above case: $\geq 1.4\text{mw/cm}^2$ (Blue fluorescent lamp)

$\geq 1.5\text{mw/cm}^2$ (Blue LED)

Nether case: $\geq 2.5\text{mw/cm}^2$

Uniformity of the total irradiance for bilirubin: >0.4

Dominant wavelength of blue light: 420nm-470nm

Product Packaging

Package: Main body case and Cabinet are packed into separate cartons

Dimension (Main body): 1000mm x 700mm x 805mm

(Cabinet): 900mm x 600mm x 885mm

Gross Weight (Main body): 70Kg

(Cabinet): 50Kg

Environmental Requirement

Operating range: 18 °C-28°C

Ambient air movement rate: $<0.3\text{m/s}$



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