

Endless Love  To Guard The New Life Safe



INFANT INCUBATOR

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Brief Introduction

- Two control modes: Air mode and Baby mode controlled by micro-computer;
- Humidity display and control system;
- Oxygen concentration display system;
- Set temperature, Air temperature, Baby temperature, Humidity and Oxygen are displayed separately;
- “>37°C” temperature set function;
- Multiple failure alarm indications;
- Embedded integrated sensor box;
- Integrated water reservoir in the shape of drawer;
- Double wall hood, automatic air circulation device;
- Inclination of bassinet is adjustable;
- RS-232 connector for data output;
- Low noise DC motor.

Standard Configuration

Hood, Base, Mobile Cabinet, Controller, I.V pole, Tray.

Optional Configuration

Fixed Neonate Bilirubin Phototherapy Equipment model: XHZ-90 with blue fluorescent lamps;

Fixed Neonate Bilirubin Phototherapy Equipment model: XHZ-90L with blue LED;

Vertical height adjustment stand (VHA stand) Weighing system, Disposable skin temperature sensor and SpO₂.

Environmental temperature

Operating range: 20 °C~30°C (Set temperature should be 3°C higher than the environment temperature)

Ambient air velocity: <0.3m/s

Specification

Power requirement: AC220V-230V, 50Hz or AC110-120V, 50/60Hz, 1000VA

Control Mode: Air mode and Baby mode controlled by micro-computer

Air temperature control range: 20°C-37°C (override mode 37.1°C-39.0°C)

Baby temperature control range: 32°C-37°C (override mode 37.1°C-38.0°C)

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

The temperature fluctuation range between incubator temperature and average incubator temperature (under stable temperature condition): $\leq 0.8^{\circ}\text{C}$

Temperature uniformity: $\leq 0.8^{\circ}\text{C}$ (mattress is on the horizontal position)

Inclination of the bassinet: $\pm 12^{\circ}$

Noise inside hood: $\leq 45\text{dB(A)}$

Failure alarm: over temperature alarm, deviation alarm, sensor failure alarm, fan motor alarm, power failure alarm, sensor box position alarm, low water alarm, tank position alarm and system alarm.

Humidity display range: 0%RH-99%RH

Humidity control range: 0%RH-99%RH (adjustable in 1% each time)

Accuracy of humidity display:

Within $\pm 5\%RH$ (when the humidity controlling value is no greater than 90%RH)

$\geq 85\%RH$ (when the humidity controlling value is greater than 90%RH)

Indication range of oxygen concentration: 0%~99%

Accuracy of oxygen display concentration:

$\pm 2\%$ (oxygen concentration sets $\leq 25\%$)

$\pm 3\%$ (oxygen concentration sets $>25\%$)

Resolving power of weight display: 1g (optional)

Accuracy of weight display: $\pm 10\text{g}$ (optional)

Weight display range: 200g-8000g (optional)

Product Packaging

Package: Main body and Cabinet are packed into two cartons

Dimension (Main body): 1085mm x 640mm x 915mm

(Cabinet): 1125mm x 665mm x 730mm

Gross Weight (Main body): 66Kg

(Cabinet): 60Kg



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