

YP-930/YP-970

INFANT INCUBATOR



Stock code [300314]



Brief Introduction

- Two control modes: Air mode and Baby mode controlled by micro-computer;
- Humidity display and control system;
- Oxygen concentration display system (for YP-930);
- Oxygen concentration control system (for YP-970);
- 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

YP-930:

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

YP-970:

Based on YP-930, with Oxygen concentration control system.

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: 25°C-37°C (override mode 37°C-39°C)

Baby temperature control range: 34°C-37°C (override mode 37°C-38°C)

Accuracy of skin temperature sensor: ±0.2°C

The temperature fluctuation range between incubator temperature and average incubator temperature (under stable temperature condition): ≤0.5°C

Temperature uniformity: ≤0.8°C (mattress is on the horizontal position)

Inclination of the bassinet: ±12°

Noise inside hood: ≤45dB(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~90%RH

Accuracy of humidity display: ±5%RH (environment temperature is 25°C, environment humidity is 45%RH ±5%RH)

Indication range of oxygen concentration: 0%~99%

Control range of oxygen concentration: 20%~60% (for YP-970)

Accuracy of oxygen display concentration:

±2% (oxygen concentration sets ≤25%)

±3% (oxygen concentration sets >25%)

Accuracy of oxygen control concentration: ±4% (for YP-970)

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 (for YP-930)

68Kg (for YP-970)

(Cabinet): 60Kg



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