



HSP-2008

INFANT INCUBATOR

hospi

Brief Introduction

- Two control modes: Air mode and Baby mode servo controlled by micro-computer;
- The information can be stored, checked, and indicated by the color LCD display screen;
- Humidity and Oxygen concentration display and servo control system;
- “>37℃” temperature set function;
- The air circle with outlet in both front and back of the hood;
- Low noise brushless DC motor;
- Operating doors on three sides;
- X-ray cassette under the bassinet;
- Water reservoir integrated with heater, high temperature disinfection can be applied;
- Inclination of bassinet is adjustable;
- The height of whole unit can be adjusted;
- Multiple failure alarm indications;
- RS-232 connector for data output.

Standard Configuration

Main body(including hood, base, controller, I.V.pole and Tray), the sensor box, skin temperature sensor and vertical height adjustment stand (VHA stand).

Optional Configuration

Weighing system, Disposable skin temperature sensor, Observation lamp.

Environmental temperature

Operating range: 20℃~30℃(Set temperature should be 3℃ higher than the environment temperature)
Ambient air velocity: ≤0.3m/s

Specification

Power supply: AC220V-230V/50Hz

or AC110-120V/50-60Hz, 1300VA

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

Air temperature control range: 25℃-37℃(override mode 37℃-39℃)

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

Accuracy of skin temperature sensor: ±0.2℃

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

Temperature uniformity: ≤0.8℃(mattress is on the horizontal position)
≤1.0℃(mattress is on the maximum tilt position)

Inclination of the bassinet: ±12° (stepless adjustable)

Noise inside hood: ≤45dB(A)

Failure alarm: over-temperature alarm, temperature deviation alarm, sensor alarm, motor fan failed alarm, power failure alarm, water tank position alarm, system alarm and so on.

Humidity display range: 0%RH-99%RH

Humidity control range: 0%RH-90%RH

Accuracy of humidity display: ±5%RH

Accuracy of humidity control: ±5%RH

Indication range of oxygen concentration: 0%-99%

Control range of oxygen concentration: 20%-60%

Indication accuracy of oxygen concentration:

±2% (oxygen concentration setting value is 25% and below)

±3% (Oxygen concentration setting value is 25% and above)

Control accuracy of oxygen concentration: ±4%

Weighing Range: 0-8000g (weight system)

Resolution for weight indication: 1g (weight system)

Accuracy of weigh indication: ±1% (weight system)

Product Packaging

Package: The whole unit is packed into one carton.

Size: 1230mm x 780mm x 1705mm

Gross Weight: 190Kg