

YP-2000 INFANT INCUBATOR



Brief introduction

- Two control modes: Air mode and baby mode controlled by micro-computer;
- The information can be stored, consulted and indicated by the LCD display screen;
- Humidity and oxygen concentration display and servo control;
- The air circle with outlet in both front and back;
- >37°C temperature set function;
- Double wall hood, air circulation system in the way of air outlet from front and back;
- X-ray cassette under the bassinet;
- Embedded integrated sensor module, integrated water reservoir in the shape of drawer;
- Inclination of bassinet is adjustable;
- The height of whole unit can be adjusted;
- Failure alarm indication;
- RS-232 connector

Standard configuration

Baby compartment, main body, vertical height adjustment stand (VHA stand), the controller, I.V. Pole and shelf

Optional: Weighing system and monitor shelf.

Specification

- Power supply: AC220V-230V/50Hz
- Max Power Output: 1300VA
- Mode of control: Air mode and baby mode controlled by micro-computer
- Air temperature control range: 25°C-37°C
(override mode: 37-39°C)
- Baby temperature control range: 34-37°C
(Override mode: 37-38°C)
- Accuracy of skin temperature sensor: $\pm 0.3^{\circ}\text{C}$
- Temperature variability: $\pm 0.5^{\circ}\text{C}$
- Temperature uniformity: $\pm 0.8^{\circ}\text{C}$ (mattress is on the horizontal position)
- Inclination of the bassinet: $\pm 8^{\circ}$
- Noise inside hood: $\leq 55\text{dB(A)}$ (Environment noises $\leq 45\text{dB(A)}$)
- Failure alarm: over-temperature alarm, temperature deviation alarm, sensor alarm, Motor Fan Failed Alarm, Power failure Alarm, sensor box position alarm, 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: $\pm 10\%RH$
- Indication range of oxygen concentration: 0%-99%
- Control range of oxygen concentration: 20%-60%
- Accuracy of oxygen concentration: $\pm 3\%$
- Range of weight: 100-8000g
- Resolution for weight indication: 1g
- Accuracy of weight: $\pm 1\%$

Environmental temperature

Operating range: 20 °C-30°C

(Set temperature should be higher 3°C than the environment temperature)

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

Package

Package: each unit is packed as two cartons

Size (Main body): 111cm x 71cm x 88.8cm
(Cabinet): 103cm x 70cm x 83cm

Gross Weight (Main body): 70Kg
(Cabinet): 80Kg

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