



YP-600D

Infant Incubator



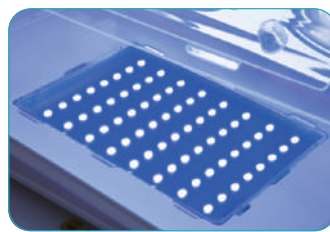
Brief Introduction

- 7-inch LCD color touch screen;
- Two temperature control modes: air mode and baby mode servo control;
- The core temperature control algorithm is upgraded, which effectively reduces the temperature fluctuation to keep the bed temperature more uniform;
- Humidity control function to adjust the humidity in the baby compartment according to clinical needs;
- **Masimo** SpO₂ pulse oximetry function to measure blood oxygen and pulse effectively during motion and low perfusion* (optional);
- Double side phototherapy treatment to increase intensity and reduce treatment time;
- Inclination of the bassinet is adjustable steplessly for clinical care;

- Dovetail shape column from both sides for installing more medical devices;
- Foldable tray, easy to put aside without dismantlement;
- Double insurance design of the front door, double protection to avoid accidental opening of the front door;
- Independent over-temperature protection system, multiple failure alarm indications to provide multiple safety protection;
- Frequency conversion DC motor effectively reduces the noise ($\leq 45\text{dB}$);
- Built-in weighing system to conveniently measure the weight of children and monitor the trend of weight changes (optional);
- RS232 connector to support data transmission.

Standard Configuration

Main Body (includes baby compartment, case, controller, iv pole and tray), upper phototherapy unit, nether phototherapy unit, skin temperature sensor, cabinet, >37°C temperature set function.



Optional Configuration

SpO₂ pulse oximetry monitoring device, VHA Stand, weighing system.

Double side phototherapy treatment function

Upper phototherapy: full-touch visual operation, with two working modes: countdown and sequence. Use PWM control to achieve stepless adjustment of blue light brightness.

Nether phototherapy: Embedded bed structure to make cleaning and maintenance more convenient. LED light source effective lifespan 50000 hours.



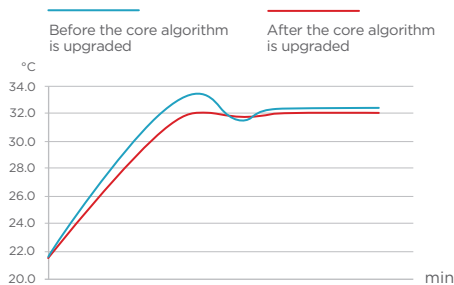
Masimo Pulse oximetry monitoring function (optional)

1. Improve CCHD screening sensitivity.
2. Reduce the incidence of retinopathy of prematurity.
3. Measure blood oxygen and pulse effectively during motion and low perfusion*.

LCD screen

7-inch color LCD touch screen, large characters, clearly visible from a long distance, which is convenient for medical staff to operate and observe.

* <Performance of Three New-Generation Pulse Oximeters during Motion and Low Perfusion in Volunteers.>
Shah N., Ragaswamy H.B., Govindugari K., Estanol L. J Clin Anesth. 2012 Aug;24(5):385-91.



PID algorithm

The core temperature control algorithm is upgraded, which effectively reduces the temperature fluctuation and makes the bed temperature more uniform.



Weighing system (optional)

Built-in weighing system, convenient to measure the weight of children, and monitor the trends of weight changes.



VHA stand (optional)

The height can be adjusted freely while operating to meet the requirements of medical staff of different heights.

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Specifications are changed without notice for performance improvement.

Printed date: May 2022 Version No.: 1

