Endless Love To Guard The New Life Safe

Standard Configuration

Main body (including baby compartment, Base, Controller, I.V.pole and tray), Sensor box, Skin temperature sensor and Vertical height adjustment stand (VHA stand), Warmer module.

Optional Configuration

Weighing system, Monitor shelf and Disposable skin temperature sensor, Observation lamp, SpO_2, etc..

Specification

Power supply: AC220V-230V/50Hz
Power Requirement: 1300VA
Auxiliary Mains Power Output: AC220-230V/50Hz, Max. Current:1A

Incubator Mode(Close Mode)

- Mode of control: Air mode and Baby mode controlled by micro-computer
- Air temperature control range: 20℃-37℃(override mode 37℃-39℃)
- Baby temperature control range: 34℃-37℃(override mode 37℃-38℃)
- Accuracy of skin temperature sensor: within ±0.2℃
- The temperature fluctuation 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 (stable working condition): ≤50dB(A)

Relative Humidity Level

- Humidity display range: 0%RH~100%RH
- Humidity control range: 0%RH~90%RH
- Accuracy of humidity display : ±5%RH
- Accuracy of humidity control: ±5%RH

Oxygen Level

- Indication range of oxygen concentration: 0%~100%
- Control range of oxygen concentration: 20%~60%
- Indication accuracy of oxygen concentration:
  ±2% (The set value is below 25%)
  ±3% (The set value is above 25%)
- Control accuracy of oxygen concentration: ±4%O_2

Infant Radiant Warmer Mode(Open Mode)

- Control Mode: Pre-warm mode, manual mode and baby mode are controlled by micro-computer
- Baby mode temperature control range: 34℃-38℃
- Control accuracy (The fluctuation range between Skin temperature and Set temperature): ≤0.5℃
- Temperature uniformity of mattress: ≤2℃

Performance Index Under Thepulse Oximetry

- SPO_2 Display range: 1~100%
- SPO_2 Display resolution: 1%
- SPO_2 Alarm setting range: Upper limit:50~100%
  Lower limit: 45~95%
- PR Display range: 25~240 bpm
- PR Display resolution: 1 bpm
- PR Alarm Setting range: Upper limit: 80~240 bpm
  Lower limit: 35~180 bpm
- PI Display range: 0.02~20.0%
- PI Display Resolution: 0.01%
- Sensitivity setting: Normal, APOD, Max,
  Factory default setting: Normal
- FastSAT: Off, on, Factory default setting: off
- Mean time: 2S~4S、4S~6S、8S、10S、12S、14S、16S,
  Factory default setting: 8S

Failure Alarm

Power Failure Alarm, Fan Motor Alarm, Sensor, Failure Alarm, Deviation Alarm, CanopyFailure Alarm, Over Temperature Alarm, Water tank placed false alarm, Water Shortage Alarm, Setting Alarm, Checking Alarm, System Alarm, etc.

Transportation

Storage Temperature range: -20℃~+55℃
Relative Humidity range: ≤93%
Atmospheric pressure: 500hPa~1060hPa

Environment Requirement

Operating range: 20℃~30℃(Set temperature should be 3℃ higher than the environment temperature)
Relative Humidity range: 30%~75%
Ambient air velocity rate: ≤0.3m/s

Product Packaging

Package: The whole unit is packed into one carton
Size: 1140mm x 660mm x 2315mm
Gross Weight: 160Kg

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Specifications are changed without notice for performance improvement. Printed date: MAY 2018 Version No.: 2

YP-3000

INFANT INCUBATOR

Infant Incubator Mode(Close Mode)

For the provision of a similar maternal uterus environment for the neonate to provide stable and controlled comfortable thermal environment and servo-controlled humidity and oxygen level. It is ideal for use in Infant temperature recovery, resuscitation and other occasions.

Infant Radiant Warmer Mode(Open Mode)

Uniform heat distribution, maintaining an optimal thermal environment for caregiver to provide immediate access to the newborn, it is ideal for use in labor and delivery rooms, NICU, and Operating Room.

Monitor

Physical parameters were monitored such as Neonatal ecg, respiration, noninvasive blood pressure, oxygen saturation, pulse rate, Exhaled carbon dioxide.

CE 0123

Stock code [300314]

DAVID

YP-3000

A FULL-FEATURED SYSTEM COMBINING AN INCUBATOR, A RADIANT WARMER AND A MONITOR IN ONE UNIT.

Observation Lamp

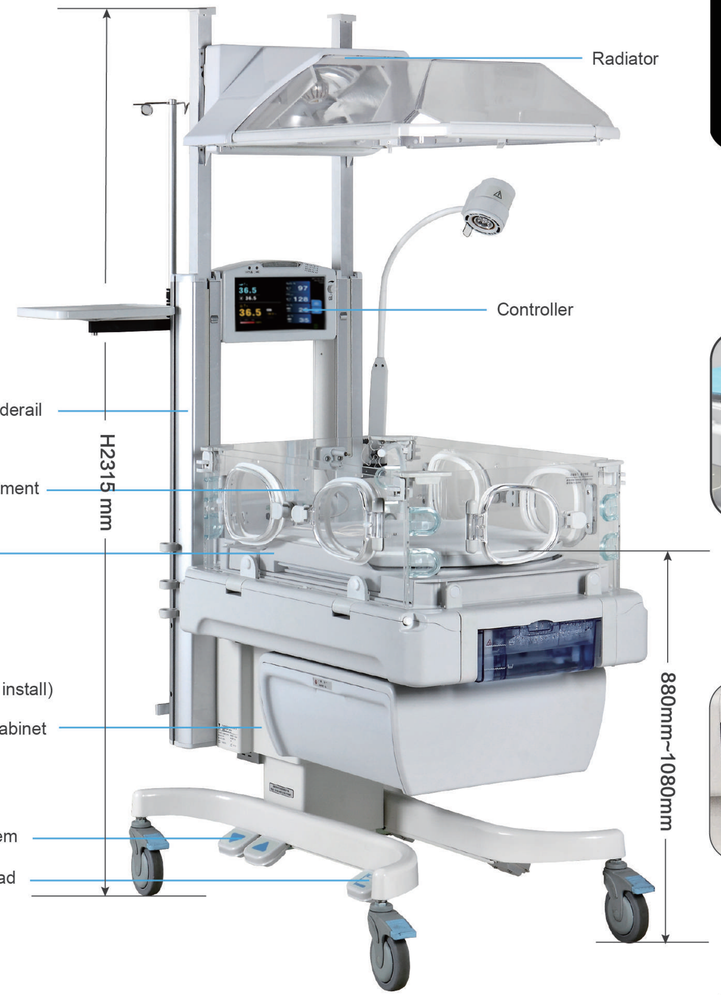
The lamp could be adjusted in multi-directions, so as to provide a clear observation of the infant.

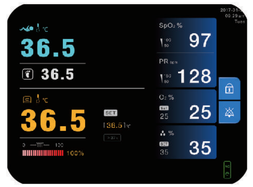
Guide Rail

Guide rail column in dovetail shape, easy to mount on accessories.

Rotatable Infant Bed

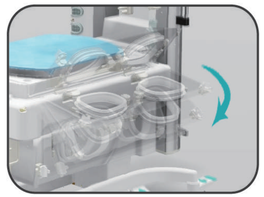
360 °Rotatable Infant Bed, minimizethe baby stimulation during the treatment.
Size: 635mm x 465mm





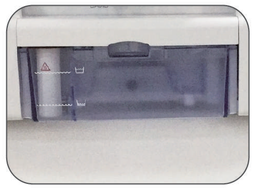
Large LCD Color Screen

10'4 inch 65K LCD color screen, Large character display, different color enhancement differentiation, clear visible from three meters away.
Parameter Trends for 7 days to be displayed in the screen.



Panel Damping System

The baffle is damped inside. When the door opens and takes off, it will fall down slowly and quietly without hand support.



Humidification System

Flip-type heating integrated water reservoir, easy to disassembled and clean. Acurate response based on the real water level.

Heating System

Double-sided winds, excellent heat distribution uniformity, low calorific value per unit area.Brushless DC motor with lose noise, in the stable working condition, the noise inside the baby compartment is less than 50dB(A).

Large Storage Drawers

The two storage drawers with enough space are convenient to store all kinds of medical accessories.

Air Filtration System

Air Filter can be easily changed.

Tubing Management Arm

This arm helps with in routing tubing to the infant, which is placed at each of the bed corners.

Brief Introduction

- **Incubator Mode:** Temperature (Air Mode, Baby Mode), Humidity and Oxygen Concentration Control System;
- **Infant Radiant Warmer Mode:** Radiant Temperature Control System (Pre-warm Mode, Manual Mode, and Baby Mode), Timer;
- 10.4 inch large size color LCD screen;
- Baby bassinet 360°rotatable from both sides of access doors;
- Guide rail column in dovetail shape, easy to mount on accessories;
- The air circulation system with outlets in both front and back of baby compartment;
- Parameter Trends for 7 days to be displayed in the screen;
- RS-232 connector for data ouput;
- X-ray cassette under the bassinet;
- Brushless low noise DC motor;
- Stepless adjustable inclination of bassinet;
- Stored data displayed in curve with Cartesian coordinate axis;
- The height of whole unit is adjustable;
- Self-check function with multiple failure alarm indications;
- Optional Configuration: Weighing system, Observation lamp;
- 10 apertures for tubings and probes.