Endless Love To Guard The New Life Safe

Specification

Power supply: AC220V–230V/50Hz or AC110–120V/50–60Hz

Power Requirement: 1300VA

Incubator Mode

- Mode of control: 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 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~99%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%~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%

Infant Radiant Warmer Mode

- Control Mode: Pre–warm mode, manual mode and baby mode are controlled by micro–computer
- Baby mode temperature control range: 32℃–37.5℃
- Control accuracy (The fluctuation range between Skin temperature and Set temperature): ≤0.5℃
- Temperature uniformity of mattress: ≤2℃

Weighing System (Optional)

- Weighing Range: 100–8000g
- Resolution for weight indication: 1g
- Accuracy of weighing indication: ±1%

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..

Failure Alarm

Over–temperature alarm, Temperature deviation alarm, Sensor alarm, Motor fan failed alarm, Power failure alarm, Water tank position alarm, Set alarm, Check alarm, and System alarm, etc.

Transportation

Storage Temperature range: –20℃~+55℃ (Set temperature should be 3℃ higher than the environment temperature)
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: 1230mm x 780mm x 1705mm
Gross Weight: 220Kg

DAVID Ningbo David Medical Device Co.,Ltd
Add: Bldg No. 5 Ningbo Smart Park, #98 Chuangyuan Rd, Hi–tech Zone, Ningbo, China
Tel: 0086–574–8780 0008 or 8780 0007 /Fax: 0086–574–8780 3714
E–mail: sales@nbdavid.com /Web.: www.nbdavid.com /P.C.: 315048

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

YP–3000

INFANT INCUBATOR

Infant Incubator 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

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.

CE 0123

Stock code [300314]

DAVID

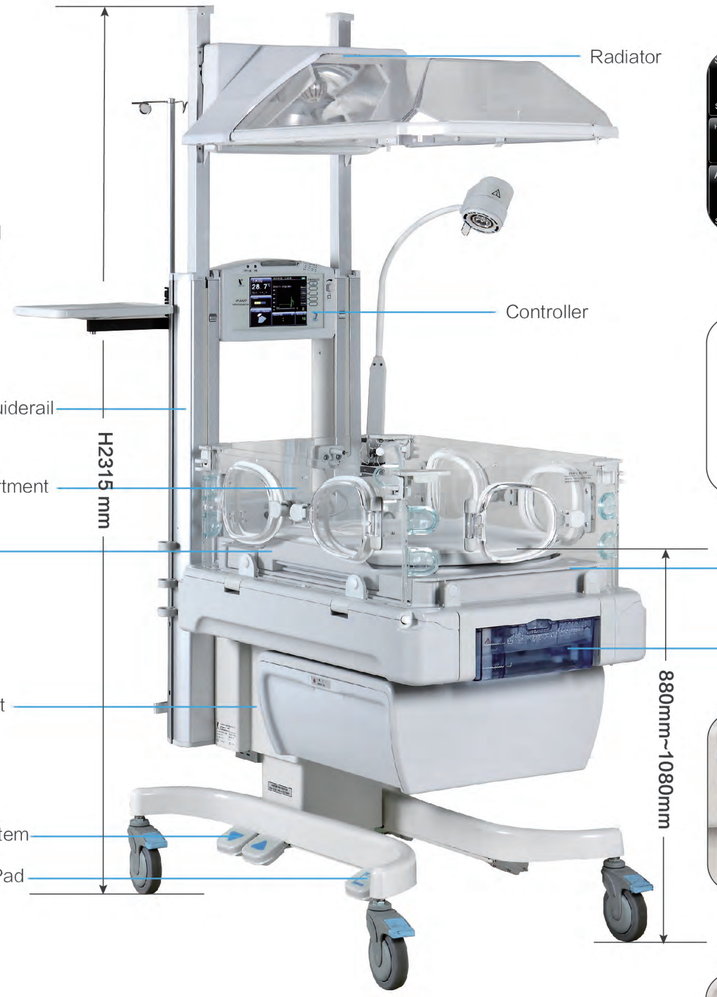
YP-3000

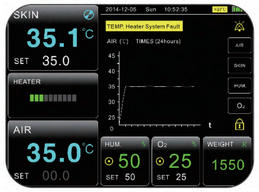
A FULL-FEATURED SYSTEM COMBINING AN INCUBATOR AND A RADIANT WARMER IN ONE UNIT

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.

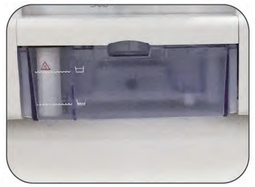
Rotatable Infant Bed
360° Rotatable Infant Bed, minimizethe baby stimulation during the treatment.
Size: 635mm x 465mm





Large LCD Color Screen
8-inch 65K LCD color screen, Large character display, different color enhancement differentiation, clear visible from three meters away.

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



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

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

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).

Skin Temperature Sensor
The accuracy of the skin temperature sensor is ±0.2℃.

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;
- 8 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;
- 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.