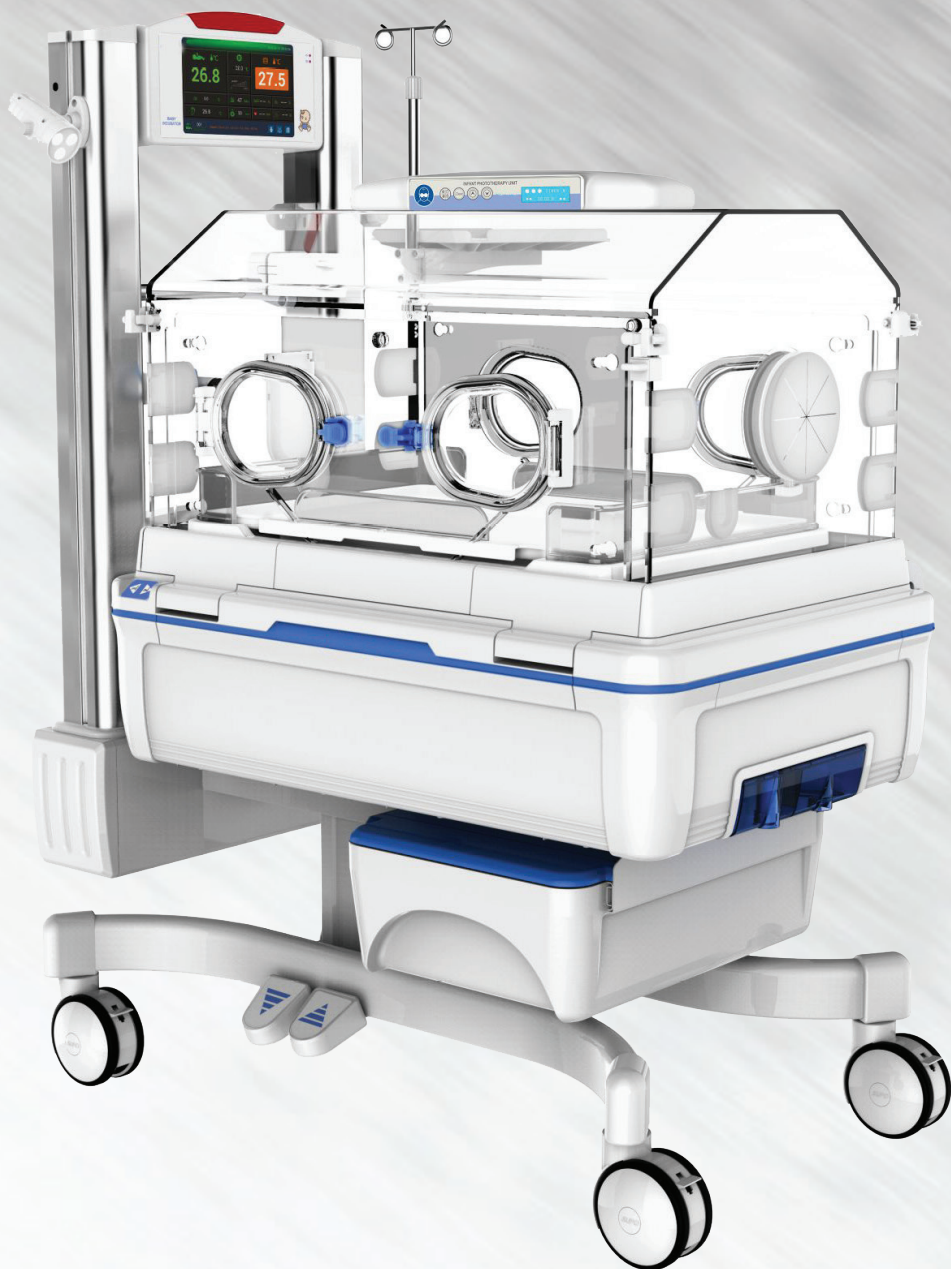




ESB-5000

Baby Incubator

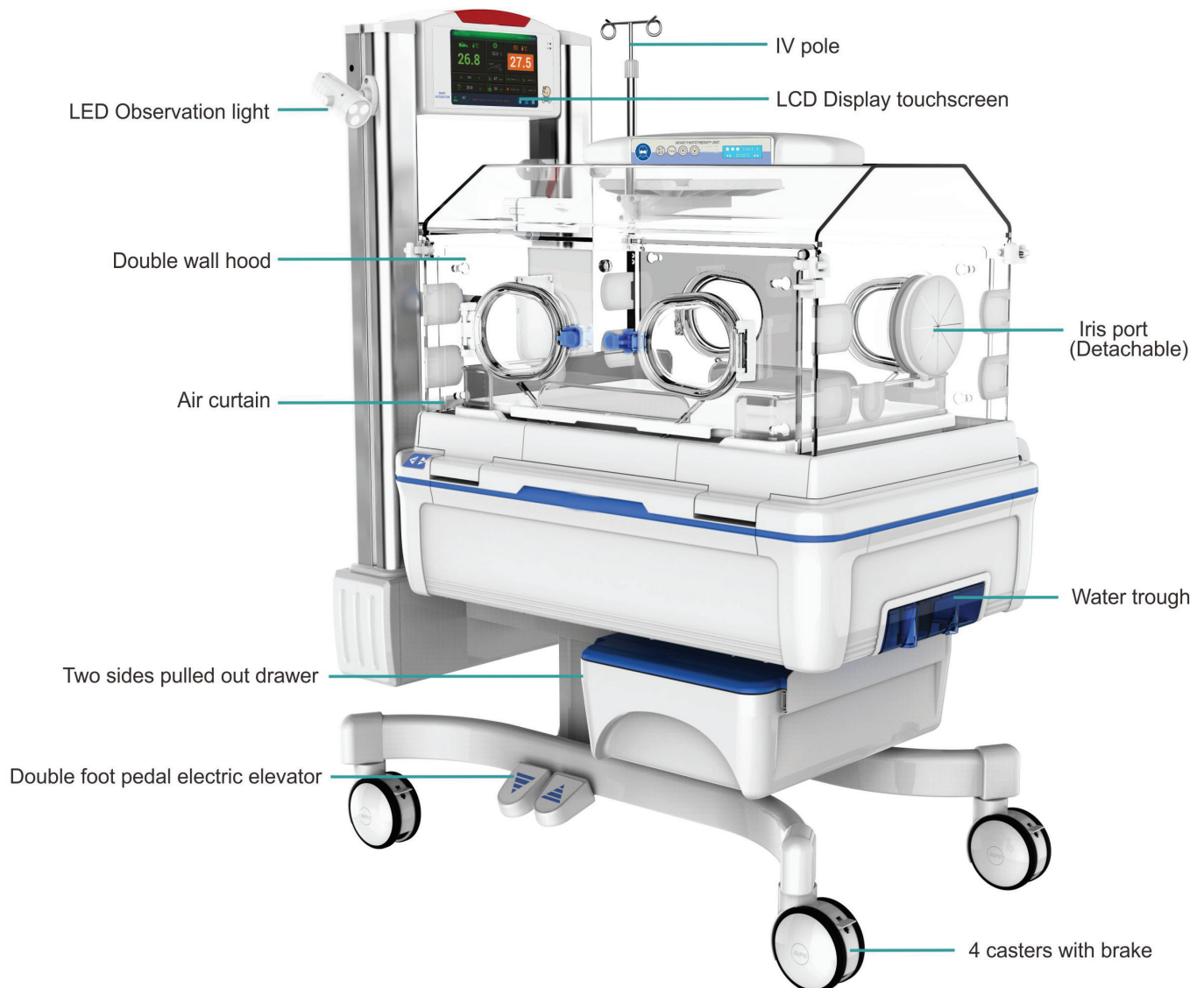


INTENSIVE CARES



Function features

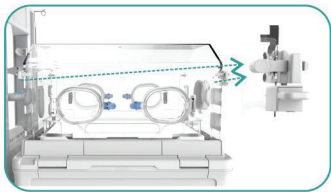
- Air and skin temperature mode servo controlled by micro-computer
- 10.1" col or LCD display touch screen with multifunctions trend for 24h, 720 hours of trend graph storage and playback
- Humidity control system, oxygen concentration control system, baby weight system, SP02 monitoring system
- 37 kinds of audible and visual alarm function, self-testing function
- Double fan, air curtain structure, reduce heat loss during operation, better temperature uniformity
- Double wall hood, 2 doors with damping functions, 4 operating windows, 1 iris port and 9 infusion seals
- Independent locking device for both doors
- Electric bed tilting, $\pm 12^\circ$ step-less adjustable, the bed can be pulled out from both sides
- Two skin temp sensors for measurement of central and peripheral
- LED observe light with brightness adjustable
- Double pedal switch, height adjustment system
- $>37^\circ\text{C}$ temperature set function





■ **10.1"LCD Display**

With multifunctions trend for 24h, 720 hours of trend graph storage and playback



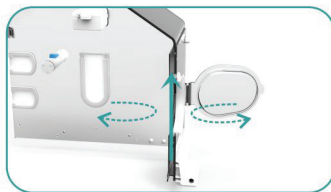
■ **Double Lock System**

The double lock system of door panels prevents accidental opening and ensures operation safety



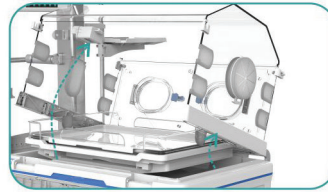
■ **Isolated pipeless humidity system**

Adopts steam humidity method, high temperature sterilization to inhibit bacterial growth. The water trough can be easily removed and cleaned



■ **Intelligent temperature control system**

- A. Air temperature is stable and the temperature fluctuation range is small
- B. The air curtain structure makes the air temperature more uniform
- C. The operating window can be opened to reduce heat loss when nursing
- D. The double-layer thermostatic cover design enhances the heat preservation effect



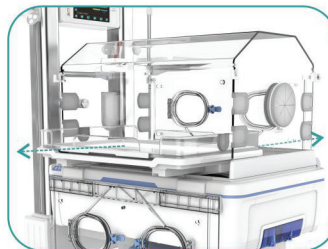
■ **Thermostat cover**

The entire hood can be rotating accordingly, easily for cleaning and sterilization



■ **Double-sided LED phototherapy**

More effective treatment of infant hyperbilirubin



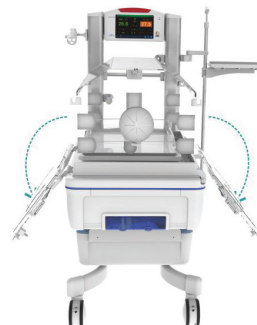
■ **Baby bed**

$\pm 12^\circ$ electric tilting bed, can be pulled out from both sides



■ **Built-in baby scale**

Self-developed built-in baby scale can monitor the baby's weight and keep abreast of the baby's growth trend



■ **Rotary Damper**

Both sides of door panels can be opened silently and slowly, enhance the safety and convenience of clinical care



1. Technical Specifications

Power :	220V/50Hz
Power input :	1000VA
Internal noise level :	≤50dB (A)
Warm-up time :	≤30min(from 25°C)

2. Temperature Control

Air mode control temperature range :	25°C ~ 37°C ; 37.1°C ~ 39°C
Air mode display range :	5°C ~ 65°C
Skin mode control temperature range :	32°C ~ 37°C ; 37.1°C ~ 39°C
Skin mode display range :	5°C ~ 65°C
Temperature Fluctuation :	±0.5°C
Temperature resolution :	0.1°C
Uniformity of mattress temperature :	≤0.8°C
Skin temperature sensor accuracy :	±0.3°C

3. Humidity Control

Humidity display range :	0%RH ~ 99%RH
Humidity control range :	40%RH ~ 95%RH
Humidity control accuracy :	±5%RH
Humidity display accuracy :	±3%RH
Trough capacity :	1200ml

4. Oxygen Concentration

Oxygen concentration display range :	0%~100%
Oxygen concentration control range :	21%~65%
Oxygen concentration resolution :	1%
Oxygen concentration measurement accuracy :	±3%

5. LED Phototherapy

Irradiance intensity is adjustable in 3 levels: low, medium, high
Radiant Wavelength : 420nm~490nm
Upside phototherapy MAX total irradiance of bilirubin : 3200μW/cm ²
Down side phototherapy MAX total irradiance of bilirubin : 2300μW/cm ²

6. Baby bed and Scale

Bed tilt range :	±12°
Mattress(L×W×H) :	410×650×20mm
Weight range :	≤10kg
Weight display resolution :	1g
Weight accuracy :	±0.8%

7. Spo2

Spo2 measurment accuracy :	±3% (in 70% ~ 100%)
PR measurment accuracy :	±3 times/mins

8. Transport and storage

Environment temperature :	-10°C ~ +55°C
Environment relative humidity :	≤95%RH
Atmospheric Pressure :	500 ~ 1060hpa
Total Weigh :	142kg
Product(L×W×H) :	658×1180×(1535 ~ 1575mm)

Standard Configuration

Double LED phototherapy, Built-in baby scale, SPO₂, Double wall hood, Electric elevator (Double foot pedal), X-ray cassette tray, IV pole-tray, LED observation light, Double skin sensor

Optional Functions

Multi-parameter Patient Monitor, CCD camera



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