

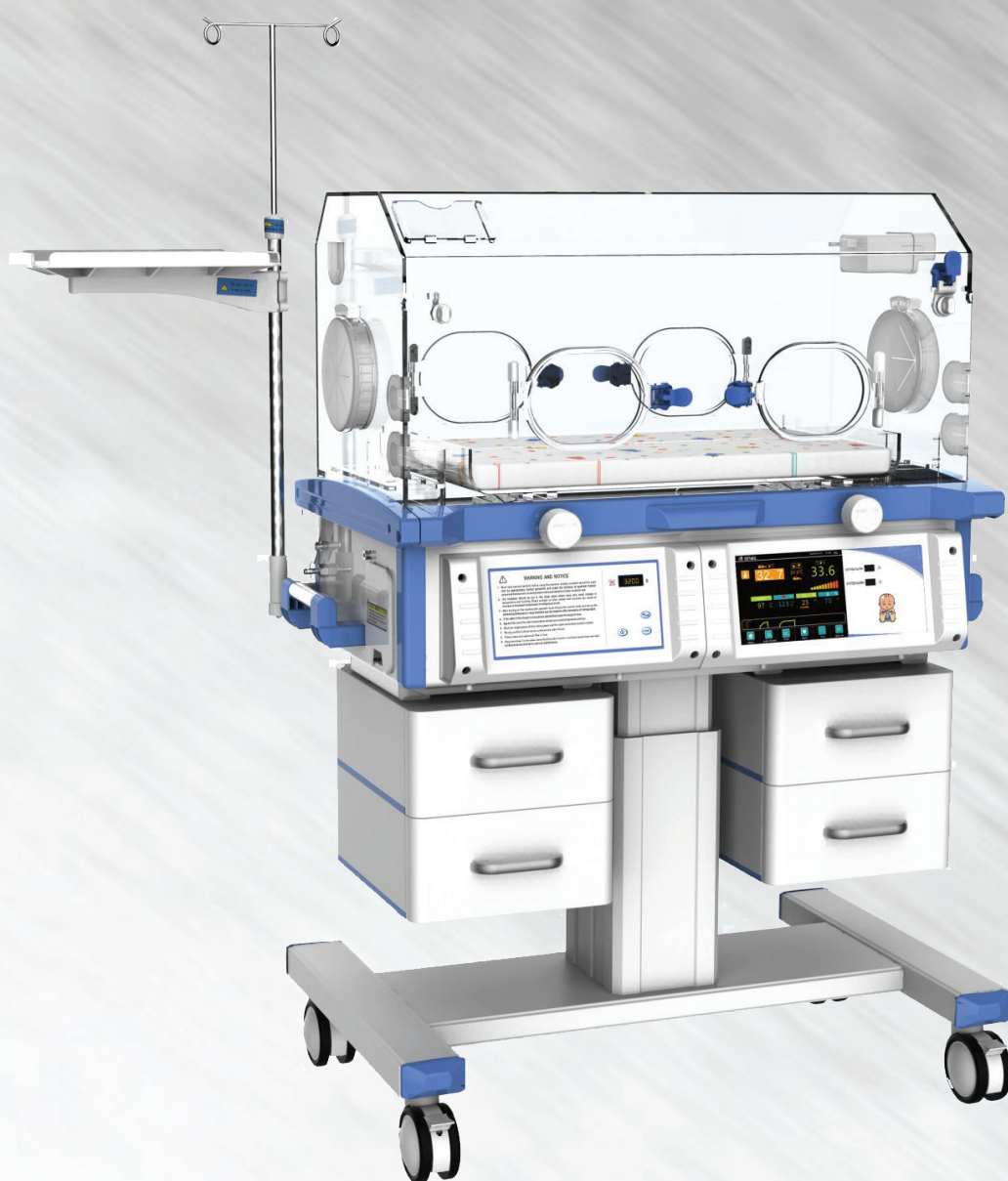


# ESB-300PLUS

## Infant Incubator



INTENSIVE CARES





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## Infant Incubator

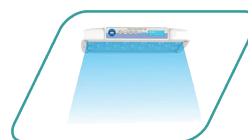
### Function features

- Microprocessor-based servo-controlled air and skin temperature, oxygen and humidity systems
- Control modes: air temperature, 2 skin temperatures, humidity and oxygen concentration
- Electronic baby scale
- Sets for air temperature, 2 baby skin temperatures, humidity, oxygen concentration, SpO<sub>2</sub>, heating power and baby weight are LCD displayed
- Self- testing function, various failure alarms by audible and visual
- >37°C temperature setting
- Embedded integrated sensor module
- Triple protection for over temperature with separate cut off device, more safety system
- The inclination of infant bed is adjustable
- Double wall hood, 4 operating windows and 2 iris ports
- Independent locking device for front door
- RS232 connector, Oxygen inlet
- 8" Color touch screen with skin temperature graph trends
- SPO<sub>2</sub> monitoring system
- X-ray cassette tray
- Electronic height adjustable
- 24H trends for all parameters

### Standard configuration

Main body (including the Transparent hood, control system, infant bed, water trough), I.V. pole, mattress, drawers, castors, tray, Oxygen inlet.

### Optional functions



LED phototherapy unit



Air & Oxygen blender

### Technical Features

Power supply	AC110/220V 60/50Hz
Power input	650V
Environment temperature	20°C ~ 30°C
Operating condition Environment relative humidity	30% ~ 75%
Environment air velocity of flow	< 0.3m/s
Air temperature control range	25°C ~ 37°C 37.1°C ~ 38°C
Skin temperature control range	32°C ~ 37°C 37.1°C ~ 38°C
Humidity display range	0% ~ 100%
Humidity control range	40% ~ 95%
Oxygen concentration display range	0% ~ 100%
Oxygen concentration control range	20% ~ 60%
Oxygen concentration deviation alarm	±5%
Skin temperature sensor accuracy	±0.3°C
Temperature fluctuation	±0.5°C
Uniformity of mattress temperature	≤0.8°C
SPO <sub>2</sub>	
Measurment range:0% ~ 100%	RH unspecitied resolution:1%
RH accuracy:	±2%(70% ~ 100%RH),0% ~ 90%
Pulse Rate	
Measurment range:	0bpm-250bpm
Accuracy:	±2bpm
Resolution:	1bpm
Baby weight:	≤10KG(Accuracy:±1g)
Warm-up time(from 25°C)	< 30min
Internal noise level	< 50dB(A)
Infant bed tilt angle	±10°
Mattress size	65cm(L)*37cm(W)
Trough capacity	1000mL
Air filter	0.5μm
Height adjust range	0-20cm



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