

# DATA SHEET



## Infant Incubator **ESB-300S**

### Function features:

1. Microprocessor based servo controlled temperature system
2. Air temperature, skin temperature, humidity, timer and heat power separately displayed by LED
3. Alarms functions: Power failure; Over temperature; Temperature deviation; Temperature sensor failure; Fan failure;
4. Silence/reset button for alarms
5. Integral timer to record therapy time
6. Humidity is adjustable continuously
7. >37 °C temperature setting
8. A keypad lock prevent inadvertent changes the setting
9. Trough for pulling and pushing, which is convenient to add water and wash
10. Fan with low noise and long life-span
11. Temperature deviation and over temperature could be amended in front panel directly
12. A second thermal cut-off function for more safety
13. Skin temperature sensor failure protect function avoid over temperature
14. The infant bed inclination angle is adjustable
15. Six operating windows, two sides operating windows can be swiveled
16. Heater is electrically cut-out if air temperature inside incubator exceed 40 °C
17. Cabinet with three drawers, silence castors
18. Large size and double wall hood

### Standard configuration

**Main body** (including the transparent hood, control system, infant bed, water trough), skin temperature sensor, I.V.pole, tray, mattress, cabinet, castors

### Optional parts:

Phototherapy up side unit;  
Phototherapy from up and down sides;  
RS232(485) connector;

### Technical data:

1. Power supply: AC 110/220V 60/50Hz
2. Power input: ≤ 420VA
3. Operating conditions:
  - Environnemental température: 20~30°C
  - Environnemental relative humidity: 30%~75%RH
  - Environment air velocity of flow: <0.3m/s
6. Air Temperature control range: 25~38°C
7. Skin temperature control range: 32~38.5°C
8. Skin temperature sensor accuracy: +/-0.3°C
9. Temperature fluctuation: +0.5°C
10. Uniformity of mattress temperature: ≤ 0.8°C
11. Warm-up time: ≤ 45min
12. Internal noise level: ≤ 55dB
13. Humidity display range: 10%-95%RH
14. Humidity accuracy: ≤ 10%RH
15. Infant bed tilt angle: +10degree
16. Mattress size: 67cm(L)X 54cm(W)
17. Trough capacity: 1200ml
18. Air filter: 0.5um

### Package:

Each unit is packed in two wooden crate  
Size (control unit and cabinet):  
123X 69X 106CM N. W.: 85KG G. W.: 125KG  
Hood: 97X 62X 68CM  
N. W.: 15KG G. W.: 40KG

### Transport and storage

Environment Temp: -10--+70°C  
Environment Relative Humidity: ≤ 80%RH  
Atmospheric Pressure: 500~1060Hpa



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