

TRBI-100 Infant Incubator



STANDARD FEATURES:

- Servo Control Mode: air temperature, skintemperature;
- Parameter Displaying: set temperature, air temperature, skin temperature, internal humidity, heat power rate;
- Audible & Visual Alarms: power failure, sensor failure, higher & lower temp, air & skin temperature override, fan failure, system failure;
- >37°C Preset Mode: power failure reset memory, alarm silence, keypad lock, self-test function;
- Hood with dual slope; 6 hand-ports;
- RS-232 Output Connector (use for network system);
- IV poles;
- Protective guard rail;

Specifications of hood

Mattress to Hood: 450 mm

Observation side of hood: Two incline

Operate port: 6 (2 Iris ports)

Tubing grommets: 4

Front access panel: 826×310 mm

Mattress Tray Size: 630×360 mm

Technical Specifications:

Power requirement $\leq 400\text{VA}$

Temperature control mode: Air and skin servo control

Air Temp Control Range: 20°C ~ 37°C

Temperature override mode to: 20°C ~ 39°C

Skin Temp Control Range: 30°C ~ 37°C

Temperature override mode to: 30°C ~ 38°C

Skintemp sensor accuracy: $\leq 0.3^\circ\text{C}$

Temperature fluctuation: $\leq 0.5^{\circ}\text{C}$
Mattress temperature uniformity: $\leq 0.8^{\circ}\text{C}$
Temperature rise time: $\leq 45\text{ min}$
Noise level within hood environment: $\leq 55\text{dB}$

Alarms

Power failure alarm

Fan failure alarm

Sensor failure alarm

High air temperature alarm: $+3.0^{\circ}\text{C}$

Low air temperature alarm: -3.0°C

High skin temperature alarm: $+1.0^{\circ}\text{C}$

Low skin temperature alarm: -1.0°C

Over air temperature alarm: $\leq 38.0^{\circ}\text{C}$; $\leq 40.0^{\circ}\text{C}$

Over skin temperature alarm: $\leq 38.0^{\circ}\text{C}$; $\leq 39.0^{\circ}\text{C}$

System failure alarm

Alarm silence function

Operational condition

Environment temperature: $+20^{\circ}\text{C} \sim +30^{\circ}\text{C}$

Environment relative humidity: $5\% \sim 99\%$

Environment air velocity of flow: $< 0.3\text{m/s}$

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