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Product Name :

Neonatal incubator Automatic With Accessories

Product Code :

SLE/RAE/08



Science Lab
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Description :

Neonatal incubator Automatic With Accessories (Product Code: SLE/RAE/08) is a double-wall, mobile, electronically controlled incubator used to keep a newborn in a warm, stable microenvironment in neonatal and maternity units. Nursing teams can run it in servo air-temperature, servo skin-temperature or manual mode, with settings adjustable in 0.1 °C steps. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, for hospital tenders and bulk supply.

Specifications

Parameter	Detail
Type	Double-wall neonatal incubator, electronic, automatic, mobile
Control modes	Servo-controlled air temperature; servo-controlled skin temperature; manual
Air temperature setting	25–37 °C, override up to 39 °C, 0.1 °C increments
Skin temperature setting	34–36 °C, override up to 38 °C, 0.1 °C increments
Skin temperature sensor accuracy	± 0.3 °C
Temperature variability (set vs real)	± 0.5 °C
Temperature uniformity at mattress level	< 0.8 °C
Warm-up time	< 30 min to 37 °C in 22 °C ambient
Air velocity over the bed	< 0.35 m/s
Humidification	Integrated water chamber: passive, non-adjustable evaporation chamber, or servo-controlled adjustable system up to 95 % RH, depending on the model available
Inlet air filter	Retains 99 % of particles > 0.5 µm
Canopy	Double-wall, radio-transparent; inclined front with access door and 2 port holes; 2 rear port holes; at least 4 apertures for cables and tubing; silent door and port-hole operation
Canopy dimensions	At least 45 W × 80 L × 43 H cm
Mattress	Fixed mattress tray, tilting ± 12 degrees
Alarms	Audio-visual: skin/air temperature, sensors, fan, heater, system functionality
Monitoring	Automatic self-test and continuous system monitoring; control panel and display of settings and measured values
Noise inside the incubator	< 55 dB
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