

TECHNICAL DATA SHEET

Comen B3 Infant Incubator



Reference photograph. Confirm accessories and configuration in the quotation.

Comen Neonatal Incubator B3 Baby Warmer Incubator

Neonatal incubator is warming equipment used for providing constant temperature and humidity for treatment of premature infants and critical neonates on the basis of satisfying their physiological characteristics and needs.

COMEN B3 incubator was thoughtfully designed to provides stable temperature and suitable humidity ambient, in addition to configure vital signs monitoring function to promoting the growth and stability of even the most fragile of patients.

Standard Configuration: Humidity Control, Temp (body temperature& incubator temperature), O2 Monitoring,

Optional Configuration: Weight Scale, Apnea Monitoring, Apnea awaking, Servo oxygen supply, Damping Doors

Safety Standards: ISO 13485:2003 approved, MDD 93/42/EEC as amended by MDD 2007/47/EC

Operation Environment

Working Temp 20~30°C

Humidity $\leq 80\%$

Air flow: $\leq 0.3\text{m/s}$

Power Supply 100-240V~, 50/60Hz $\pm 1\text{Hz}$

Battery Type Rechargeable Lithium-ion battery

Battery Capacity 4400mAh

Battery Recharging Time: Maximum 6 hours for charging;

Battery backup 1 hours for continuous working (such functions as heating, humidifying shall be excluded)

Indicator: One alarm indicator, Power indicator, Battery indicator, QRS beep and alarm sound, Operating key sound

Interface: Parameter cable interface, AC power input, Three auxiliary power output, Plug-in slot, USB port

Date storage:

Alarm Review: 200 groups

Power-off storage: Yes

Alarm: User-adjustable High and Low 3-level Limits; Prioritized audible and visual alarm

Network: Connected to Central Monitoring System by hardwire/wireless

Temperature Control

Setting range: 35.0~37.5°C (Infant mode); 25.0~39.0°C (Air Mode), Set temperature exceeds 37°C, should press the display the "> 37°C" key, and then confirmed by the interface pop-up window to enter

Measurement range: 25.0~45.0°C

Resolution: 0.1°C

Accuracy: $\pm 0.3^{\circ}\text{C}$

Alarm range: 34~38.5°C (Infant mode), 23~41°C (Air Mode)

Heating time: ≤ 35 mins (Temperature inside the thermostat cover rises by 11°C)

Humidification time: ≤ 50 mins (In indoor environment to $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, relative humidity of $40\% \pm 10\%$ conditions, reach to 36°C, relative humidity of 85%)

Operation without adding water time: ≥ 12 hours

Humidity Control

Relative humidity range: 30%~95%

Resolution: 1%

Accuracy: $\pm 10\%$ (Humidity less than 85%); $\geq 75\%$ (Humidity over than 85%)

Alarm: Audible and visual alarm; alarm events reviewable

Physical Characteristics

Size

970mm×570mm×1350mm

Screen Size

8" TFT touch screen

Weight

100kg

Resolution

800 × 600

Water Tank Capacity

$\geq 1\text{L}$

X-ray tray

Available

Humidifier

Available

Drawer

Available

Tray and bracket

Optional

Caster wheel

four brakes

Features

Air flow rate inside thermostat cover: $\leq 0.2\text{m/s}$

Work mode: Air/ Infant

Bed tilt range: $-10 \sim +10^\circ$

Input voltage 220 V~

Input current 6.6 A

Input frequency 50/60 Hz

Auxiliary output supply

Output voltage 240 V~

Output frequency 50/60 Hz

Output current 0.9A

Oxygen Servo-Controller

Setting range: 21~60%

Measurement range: 10~100%

Accuracy: $\pm 2\%$

O2 supply pressure: 0.27~0.7MPa

O2 Concentration Calibration Available

Weight Scale

Measurement Range: 300g~8000g

Resolution: 1g

Accuracy: $\pm 10\text{g}$

Trend View: 7days

Panama | Central America | Caribbean | CARICOM

Information from the authorized catalog. Confirm configuration, accessories and documentation in the quotation.

Assisted translation: review the manufacturer specifications before purchasing.