GE Healthcare

Lullaby Incubator XP

Neonatal Intensive Care

Advanced microenvironment capability

At GE Healthcare, we share your commitment to providing high quality care for all mothers and babies at all times. Our Lullaby™ Incubator XP creates an advanced microenvironment that enables providers to spend more time on direct patient care and less time on system operation.

- Easy to read controls – Skin, air and set temperatures can be seen at a glance on the control panel, while relative humidity and other system parameters can be monitored and displayed at the push of a button.

- Consistent humidity and oxygen levels – Optional servo control systems automatically adjust the oxygen and humidity outputs to maintain user-programmed levels, creating a more stable microenvironment and reducing the need to visually monitor system read-outs.

- Lower noise levels – The advanced sound engineering in Lullaby Incubator XP produces lower sound levels – <47 dBA in normal use – than most other incubators in its price range. The result is a quiet environment that enhances baby's comfort and progress.

- Exceptional heat management with Lullaby Incubator XP's double-wall clear acrylic hood reduces radiant heat loss while enabling unobstructed view of the infant.

- Supportive yet highly functional – Lullaby Incubator XP is designed to facilitate care while maintaining a soothing environment. Six portholes allow caregivers and family to reach the infant from virtually any angle. The slide-out mattress tray and adjustable tilt mechanism enable easier repositioning of the baby. The built-in X-ray cassette drawer and optional weight scale reduce the physical demands on the infant during procedures.

To learn more about the Lullaby Incubator XP, contact your local GE sales representative or visit us at www.gehealthcare.com

Lullaby Infant Care
Because every baby deserves a high standard of care

Technical Specifications

Lullaby Incubator XP
Standard Features
- Double wall canopy with large foldable door
- Control module (with Relative Humidity digital display)
- Large mattress
- Slide-out mattress tray with x-ray tray
- Passive humidity control system
- Tilt mechanism
- Air curtain
- Skin temperature probe (reusable)
- Air temperature probe (with dual air sensor and humidity sensor)
- Air filter
- Oxygen filter
- Water reservoir with water level indicator
- Lateral protection rail

Dimensions
Infant compartment (usable space):
- 89 cm W x 50 cm H x 45 cm D

Mattress:
- 65 cm W x 40 cm D

Front access door:
- 81 cm W x 34 cm H

Storage:
- 2 drawers and 1 cupboard
- Drawer - 33 cm W x 11 cm H x 30 cm D
- Cupboard - 36 cm W x 36 cm H x 27 cm D

External dimensions:
- 137 cm W x 102 cm H x 60 cm D

Mattress to hood height:
- 33.5 cm (with double wall)

Physical Characteristics
- Mattress tilt angle: ±12°, continuously variable
- Microfilter: 0.35 µm – 99% efficiency
- IV ports: 8
- Portholes: 6

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Electrical Power Requirements
- Alternating current:
  230 ±10% VAC 50/60 Hz
  110 ±10% VAC 50/60 Hz
- Power consumption: 400 watts (MAX)

Standards Compliance
- IEC: 60601-2-19: 1990
- IEC: 60601-1: 1988

User Control Settings
- Skin (baby) temperature control: 34-38°C in 0.1° increments
- Air temperature control: 20-39°C in 0.1° increments

System Performance
- Microprocessor-based control system: Displays air, skin, and control temperature along with relative humidity and optional servo oxygen/humidity functions.
- Temperature variability: <0.5°C
- Patient measurement accuracy: ±0.3°C @ 5°C to 50°C
- Air velocity: <15 cm/sec
- Sound level: <47 dBA

In-Bed Scale* (Optional) Performance
- Operating Range: 500-6500 grams
- Accuracy: ±10 grams
- Resolution: 10 grams

Humidifier Performance
- Reservoir capacity: 1400 ml
- Accuracy: ±5%, up to 60% (in 40% RH and 24°C ambient temperature)

Servo Humidity Control (Optional) Performance
- Control range: 10% - 95% with 1% increment
- Recovery time: <30 mins, from 50% to 80% RH @ 36°C cabin temperature

- Reservoir capacity: 1000 ml
- Accuracy: ±5%, up to 90%
- Alarms: ±5%

Servo Oxygen Control (Optional) Performance
- Control range: 21% – 60% with 1% increment
- Display range: 0% – 99%
- Recovery time: <5 min
- Alarms: ±2%

Operating Environment
- Temperature: 15° to 35°C
- Humidity: 10% to 95% RH (non-condensing)

Service and Maintenance
- Battery: 8.4V/7.2V NiMh/150-200mAH
- Battery for Real-Time Clock – NVRAM: 3V Li CR2032
- Recommended calibration/preventative maintenance period: Annually
- Limited warranty: One year parts and service

Options and Accessories
- Servo humidity control system
- Servo oxygen control system (with DISS or NIST Inlet)
- Left and right cupboards for storage
- In-bed scale*
- Column
- IV pole
- Monitor shelf
- Porthole wristlet
- Oxygen monitorization
- Airflow limiting system
- Dual skin temperature probe
- Oxygen flowmeter
- Air/Oxygen blender
- Suction unit (compressed Oxygen or air operated)
- Suction unit (central vacuum operated)

* Not available in all countries.

GE imagination at work

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