Advanced Incubator for Neonatal Intensive Care

The Medix NatalCare ST-LX Infant Incubator provides an optimal thermal and developmental microenvironment for babies. Combining ease of use and accessibility for clinicians and families with economic value, the Medix NatalCare ST-LX Infant Incubator meets the demands for various levels of acuity and the needs of various hospital departments. The Medix NatalCare ST-LX Infant Incubator can be used as a standard incubator or built-to-order with advanced options to meet the clinical and developmental needs of sick babies.
Reliable thermal performance

Double-wall acrylic canopy and doors minimize the radiant heat loss of the infant. A sophisticated design provides a high level of thermal support for sick babies. The microclimate inside the incubator can be self-regulated by using the skin temperature mode or be designated by a clinician using the air temperature mode.

Comfort Zone settings provide a range of recommended air temperatures based on the baby’s birth age, and weight.

Dual temperature probes allow monitoring of twins or one baby’s core and peripheral temperature for early detection of potential thermal stress. The display software enables monitoring of trends of both temperatures for the last 3, 6, 12 or 24 hours for either twins or one baby.

Temperature sensor location facilitates monitoring of the actual air temperature over the baby.

Optional servo humidity and servo oxygen create a self-regulating environment for sick babies. Automatic settings and controls provide required stable micro-environment that adapt to the baby’s needs.

Patient access

The ergonomic design features four folding doors and complete visibility, providing the accessibility required for critical conditions, in addition to improving access to the baby during routine procedures.

A large pull-out mattress tray, four access doors foldable 180°, 5 hand ports, and 8 IV ports offer quick and convenient access to the baby during procedures and therapies.

Acrylic hood and doors offer high visibility of the baby at all times and also facilitates access during minor surgeries and other procedures while the baby remains in the incubator.

Electronic tilt with automatic centering mechanism ± 15°, operating from the control module reduces the need to disturb the baby.

The elevating base promotes a comfortable working environment for the clinician during assessment and treatment as well as during family visits.

A built-in scale allows caregivers to accurately weigh the baby without removal from the incubator. This helps maintain the thermal environment and minimizes unnecessary repositioning or disruption to the baby.

Electronic automatic centering returns the mattress to a flat position to help minimize errors during weighing, minimizing the need to re-weigh the baby.

The mattress is constructed to allow x-rays to be performed while the baby remains in the incubator.
Meeting the clinical developmental needs of sick babies

- **Double wall**
  - Supports thermal stability of infant

- **4 access doors foldable 180°**
  - Enhances visibility and provides access for procedures and therapies

- **8 IV ports**
  - Ease of positioning and space arrangement

- **Wide dimension mattress**
  - Facilitates co-bedding procedures

- **Pull-out mattress tray with x-ray film tray**
  - Access for procedures, care, and family bonding

- **Mobile panel with LCD screen**
  - Ability to reposition control panel enables caregiver monitor and access from various angles and positions

- **IV Pole (optional)**

- **Electronic tilting mechanism with automatic centering**
  - Helps minimize errors during weighing, reducing need to reposition baby

- **2 drawers (optional)**

- **Rolling base with 4 wheels (2 with brakes)**
**Superior quality, design and ease of use**

**Control panel** – The location of the display allows visibility of controls in a wide array of clinical settings with positioning parallel or perpendicular to the wall. The control panel is user-friendly and intuitive, and can be adjusted and located for caregiver convenience to clearly view controls from various angles and positions.

**Graphic LCD display** is positioned for unobstructed visibility during procedures and ongoing monitoring.

Large number displays for main parameters (skin and air temperature) and their respective preset air temperatures, as well as trending, enhance visibility of essential information. The screen allows users to select a configuration option menu and also to check for modular optional accessories that can be integrated (pulse oximetry, servo-humidity, servo-oxygen, and scale). Clinicians can choose to adjust **trend parameters** from 3 to 24 hours (for Ta, T1, T2, T1-T2, SpO2, %O2 and % Humidity) and from 1 to 8 days for weight.

**Smart alarm system** utilizes visual and audible alarms. The cause of the alarm and troubleshooting advice appear on the display screen allowing clinicians to address potential issues in an efficient way. If more than one alarm is activated, the system will display the highest priority alarm, placing patient safety first.

The Medix NatalCare ST-LX Infant Incubator **accessories and options** allow clinicians to configure the incubator based on the clinical care area needs and desired level of care.

The Medix NatalCare ST-LX Infant Incubator is designed not only for ease of use, but also for efficient cleaning. The incubator’s smooth design and simple construction, with only a few removable parts that are **easy to disassemble and clean**, minimizes equipment turnaround time.

**Built to last**

*The Medix NatalCare ST-LX Infant Incubator’s proven robust and durable design delivers low maintenance cost providing a real value-based economic solution for any clinical environment.*