



Neo+Life 1005

Neonatal Transport Incubator



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The transport incubator provides transport of high-risk, premature, low birth-weight, or critically ill newborns. It provides a means to control air temperature. A walled hood permits full visibility and provides an effective thermal and sound barrier from the environment. Arm ports and door panels provide front and head access, and the mattress tray slides out of the head end for additional access to the newborn. Tubing access grommets are on both sides of the front access panel and at the head end (left) panel. An observation lamp is also included.

The incubator is designed to operate from either a sine or square-wave AC power source. In addition, the incubator can operate from an external 12V DC source or integral 12V DC batteries.

Whenever the unit is connected to an AC voltage source and the main Power switch is set, the batteries automatically charge.

A comprehensive visual and audible fault alarm system, with a test function to verify proper alarm operation, is included along with a Battery Status indicator.

Neo + Life 1005 is a lightweight, easily transportable incubator only two care providers are needed to handle it. The design of the Neo+ Life 1005 incubator is very flexible i.e. can be easily entered in any ambulance

The single-piece infant bed and the interior of the transport incubator can easily be dismantled, accessible and cleanable after every therapy just with little effort.

The multi-position restraining strap holds the infant securely during transport.

Alarms:

Each time the unit turns on, it automatically activates a test sequence to verify that the visual display and audible alarms are functional.

- **High Temperature: Skin and Air Alarms**

- Probe Failure
- Heater Failure alarm
- Airflow Alarm
- Low DC Alarm
- Power failure



Performance Characteristics :

Temperature Set Range : 32 deg C -39 deg C

Temp Variability: 1.0 deg C

Temp uniformity: 1.0 deg C

Air Filter: removes airborne particles & and dust



**Control Panel:**

The controller features a display that is easy to read at any angle of transport. Display for air and skin temp helps you maintain, control and provide essential information about the infant's thermal support. A microprocessor-controlled system with air and skin modes of operation. Display both temperatures i.e. Air/Skin temp along with set temp soft touch operation with digital display and extensive alarms.

Neo+ Life 1005 operates on its battery which can support it for 2 hours, or on power from a vehicle or AC mains. Its stand is optionally fixed or collapsible. With the collapsible option, the stand self-folds at its station in the transport vehicle.

Observation Lamp:

A circular shape slim lamp is provided to facilitate infant observation even under conditions of darkness. The lamp can provide illumination on any desired area.

