

TRANSPORT INCUBATOR TINC 101

PROTECTIVE • FLEXIBLE • LIGHTWEIGHT



PROTECTIVE environment EASY to move

The **TINC 101** is a lightweight, easily transportable incubator. Only two care providers are needed to handle it. The flexible design of the **TINC 101** makes it suitable for all ambulances.

This incubator may be used in conjunction with ventilators and other equipment. It is provided with iris ports that guide all tubing including ventilation tubing. The wide ports of the acrylic infant hood permit convenient access to the infant.

The moulded, single-piece infant bed and the interior of the incubator are crevice free and very easy to clean. The bed may be slid readily to provide access to the head of the infant for swift intubation or resuscitation.

Multi-position restraining straps hold the infant securely during transport.

The **TINC 101** features an optional electrically operated suction module and a user friendly control panel that offers strain-free

viewing. Other features of this incubator include a separate infant temperature probe and a convenient IV pole.

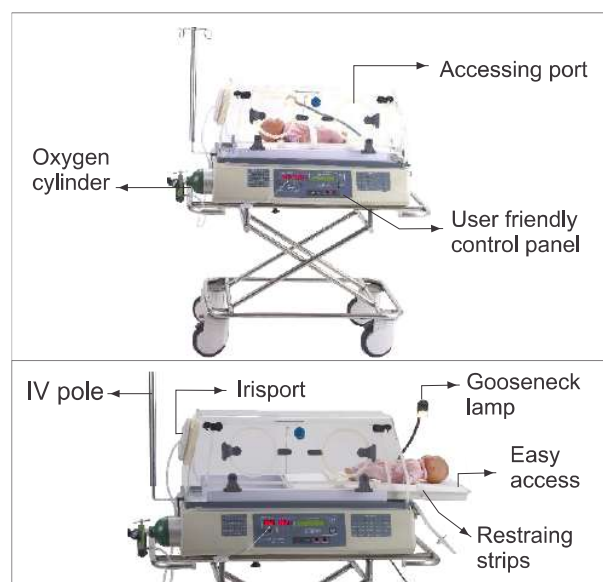
The incubator accepts a 5 litre oxygen cylinder and an auxiliary 5 litre cylinder. A quick-fitting pin mechanism connects to the cylinder.

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

The **TINC 101** operates on its own battery, which can support it for 3 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.

Noise and vibration inside the infant crib are minimal.

The **TINC 101** is backed by the many years of experience **PHOENIX** has in designing and supplying sophisticated neonatal care equipment worldwide.



PHOENIX endeavours to meet your every need. If your practice has any special requirement, call the marketing department at **PHOENIX**. They will be happy to provide you a solution.

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SPECIFICATIONS

EXTERNAL POWER REQUIREMENTS

AC.....	110-230V, 50/60Hz, 150/ 300 W
Mains Fuse.....	-F8A, 230V-F4A
DC External supply	13.5 - 16V, 150W F15A

BATTERY SPECIFICATIONS

Type.....	SLA, Rechargeable
Voltage.....	12VDC nominal
Battery Fuse.....	15 Amp
Quantity.....	Two Batteries
Capacity.....	12 ampere hours each
Battery Life expectancy.....	200 complete charge/discharge cycles
Battery backup.....	2 hours

TEMPERATURE MODULE

Temperature range.....	20°C to 40°C
Set Temperature range.....	32°C to 38°C
Accuracy.....	+/- 0.5°C
Resolution.....	+/- 0.1°C
Probe type.....	Interchangeable Thermistor probe
Heater element.....	Encapsulated heater with fins
Accuracy of probe.....	+/- 0.2°C
Probe calibration.....	Not required

ALARMS

Alarm.....AC Power Fail
Low Battery
Air Probe Failure
Infant probe fail
Fan Failure
Low External DC level
High temperature
Low temperature
Mismatch alarm

OXYGEN SUPP.....Incorporates a 4.5 Liter water capacity oxygen cylinder with pin index
Auxillary Cylinder (Optional)

SPECIFICATIONS

ELECTRICAL SUCTION (Optional)

Adjustable range.....0-300 mm Hg

Vacuum gauge range.....0-760 mm Hg

PERFORMANCE SPECIFICATIONS

Noise Level inside<60 dB

Observation Light.....35 foot candles 10cm (4 inches) above center mattress

Temperature Rise Time..... ≈ 30 minutes $\pm 20\%$

Temperature Variability..... ≥ 1.0 °C

Temperature Overshoot..... ≤ 1.0 °C

Maneuverability..... 2 lockable and 2 unlockable castors

Includes an additional fifth castor for easy ramp elevation

Operating Temperature 5°C to +40°C

Operating Humidity Range 0% to 95% RH, non-condensing

Storage Temperature 5°C to +50°C

DIMENSIONS

Infant Bed

Length x Width x Height (670 x 370 x 35 mm)(26.4 x 14.6 x 1.4 inches)

Mattress

Length x Width x Height (630 x 330 x 25 mm)(24.8 x 13 x 1 inches)

Acrylic Canopy

Length x Width x Height (800 x 430 x 330 mm)(31.5 x 16.9 x 13 inches)

Overall dimension (without trolley)

Length x Width x Height (with IV Pole)..... (1040 x 610 x 700 mm)(41 x 24 x 27.6 inches)

Length x Width x Height (without IV Pole)..... (1040 x 610 x 490 mm)(41 x 24 x 19.3 inches)

Collapsible Trolley

Length x Width x Height (2000 x 560 x 830 mm)(78.7 x 22.1 x 32.7 inches)

COATINGEpoxy / powder coated body for scratch protection and Rust prevention