

Air-Shields TI-100

Transport Incubator

Equipment for the way *you* operate



Safe, Effective Transportation

The Air-Shields TI-100 Transport Incubator is intended for the transportation of high risk, premature, low birth-weight, and/or critically ill newborns. A doubled wall hood permits full visibility and provides an effective thermal barrier from the environment. It provides the patient care giver a means to control oxygen concentrations, air temperature, and relative humidity.

A Quick Look

Power Requirements

- » AC: 110/120 VAC 50/60/400 Hz, sine or square wave 170/200 watts and 225/270 watts with batteries charging.
- » DC: 12 VDC, 115 watts.

Internal Battery

- » Sealed gel, rechargeable.
Two 12 VDC nominal.
- » Twenty (20) minute recharge time from full discharge.
- » Life expectancy:
Minimum 200 full charges.

Alarms

- » High temp: Actuates at $39^{\circ} \pm 0.5^{\circ} \text{C}$.
- » Sensor: Actuates if high temp alarm is electrically open or shorted.
- » Power failure: Actuates if main power fails and no DC present.
- » Heater temp: Actuates when temp exceeds 77°C .
- » Low DC: Actuates when voltage falls below 10.5 VDC.

Temperature

- » Set point range:
 $21.5^{\circ} \text{C} \pm 1.0^{\circ} \text{C}$ to 38°C .
- » Rise time: 30 minutes.
- » Variability: 0.2°C .
- » Overshoot: 1.5°C maximum.
- » Uniformity: 1°C .
- » Correlation of displayed to actual at equilibrium: 1°C .
- » Correlation of displayed to set point at equilibrium: $\pm 0.5^{\circ} \text{C}$.

Dimensions

- » Length: 40.25" (102 cm).
- » Width: 22.25" (56.5 cm).
- » Height: 46.75" (118.7 cm) maximum, 34.75" (88.3 cm) minimum.
- » Weight: 148 lbs.