



The Isolette T1500 Transport Incubator from Dräger Medical is a self-contained, mobile, intensive care unit. Consistent air temperature is essential to the health of a premature infant. The Isolette T1500 Transport Incubator has a double wall design which reduces radiant heat loss from the infant during transport between departments or between hospitals.

Features

- Double wall
- Skin temperature probe
- O2 inlet
- Examination lamp
- 2 access doors
- 2 disposable infant restraint straps
- 1 Iris port
- 2 Quiet Touch™ port doors
- 6 tubing ports
- Locking power control receptacles
- DC cable
- 2D or 2E size tank mounts



Specifications

Dimensions

Height: 20 in (50.8 cm)

Width: 20.8 in (52.7 cm)

Length: 37.8 in (95.9 cm)

Weight: 108.5 lbs (49.2 kg)

Distance From Vertical Hood to Mattress: Low Hood 8.25 in (21 cm)

General

O2 Concentration Range: 21% to 58% minimum

Humidity Capacity: 50% to 70%

Noise Level: <60 dBA

Performance

Temperature Set Range: 22.0 °C - 38 °C (71 °F - 100 °F)

Temperature Rise Time: 30 minutes

Temperature Variability: ≤1.0 °C

Temperature Overshoot: ≤2.0 °C

Temperature Uniformity: ≤1.0 °C

Correlation of Display Temperature to Set Point at Temperature Equilibrium: ≤ 2.0 °C in 10-20 °C ambients ≤1.5 °C in 20-30 °C ambients

Humidity Pad: Holds 400 ml.(14 oz) sterile distilled water with no significant spillage for up to 45° tilt in either direction.

Air Filter: Removes >99% of airborne particles greater than 0.5 micron diameter

Relative Humidity: 50 to 70% for 10-12 hours using humidity pad

Check Calibration Key: 36.0 ° ± 0.1 °C

Battery

Incubator: 1 battery standard (2nd optional)

Type: Vented rechargeable, 12 Vdc, 24 AH gel-type battery (lead acid)

Battery rating: Incubator maintains a differential of 25 °C (77 °F) between ambient and set point for 90 minutes on 1 battery or 180 min.on 2 batteries at full heater power

Life expectancy: 200 complete charge/discharge cycles minimum

Charge time: 10 hours per battery from full discharge

