



Dräger sets the standard for thermoregulation with a host of performance features designed to provide a stable, cocoon-like environment for the baby. To ensure that the Thermo-Neutral Zone is maintained, the Isolette 8000 enables you to continuously monitor both the core and peripheral body temperature.

The Isolette 8000 is designed to reduce stress at every turn, bend and twist.

The longer the shift runs, the more the caregiver will come to appreciate the many ergonomic touches incorporated into the Isolette 8000. Easy access to the neonate, convenient height adjustment of the incubator, and easy-to-reach controls make it a great incubator for any NICU. With its compact design, the Isolette 8000 is easy to maneuver. Lightweight, small footprint, smooth trolley assembly, and ergonomic foot-actuated brakes allow virtually effortless movement, even in congested NICU settings.

Features

- Our ability to reliably sustain a stable thermo-neutral microenvironment has made Dräger a trusted resource in thermoregulation.
- The Isolette name is associated with a proven design that has been known by caregivers across the globe for decades.
- The advanced thermoregulation system, controlled by Dräger's elaborate PID algorithm, keeps the baby in a stable environment.
- Very low velocity is used to create a calm zone that surrounds the neonate to inhibit convective heat loss, while dual air curtains and preemptive regulation mechanisms maintain a virtually stable environment during access to the infant.



Specifications

Dimensions	(H x W x D) 132.6 cm to 152.7 cm (52.2 in to 60.1 in) x 104 cm (41 in) x 75 cm (29.5 in)
Weight (without options/ accessories)	93 kg (205 lb) \pm 3 %
Standard hood includes	front and rear access panel 6 access ports 3 left and 3 right tubing grommets – front 2 left and 2 right tubing grommets – rear
Access panel opening height	28.0 cm (11 in)
Mattress tray size	40.6 x 81 cm (16 x 32 in)
Mattress to hoot height	41.2 cm (16.25 in)
Soft bed mattress size	40 cm x 76 cm x 2.3 cm (15.7 in x 29.9 in x 0.9 in)
Mattress tilt	\pm 12° (\pm 1°), continuously variable

Variable Height Specification

Casters	4 dual wheeled casters, 12.7 cm (5 in) all with friction brake
Storage volume	Approx. 80 l
Door closing mechanism	Soft-stop hinges
Opening angle of the doors	>90°
Variable height stand accessories	Gas tank mount Shelf IV pole

Controller System

Algorithm type of the Servo Control System	PID (Proportional Differential Integral) control algorithm
Controller with LCD	With brightness control

Specifications

Selectable color combinations White on blue background (default) or yellow on black background

RS-232 output Yes

Keypad lock Yes

Temperature Control Modes

Temperature control modes Skin and air temperature control mode

Air mode control temperature range 20.0 °C (68.0 °F) to 37.0 °C (98.6 °F)

Air mode control override temperature range 37.0 °C (98.6 °F) to 39.0 °C (102.2 °F)

Skin mode control temperature range 34.0 °C (93.2 °F) to 37.0 °C (98.6 °F)

Skin mode control override temperature range 37.0 °C (98.6 °F) to 38.0 °C (100.4 °F)

Dual-skin temperature monitoring Yes

Trend Parameters

24-hour trend Air temperature
Skin temperature (1 and 2)
Relative humidity
Oxygen concentration
Heater power

7-day trend Weight gain and loss