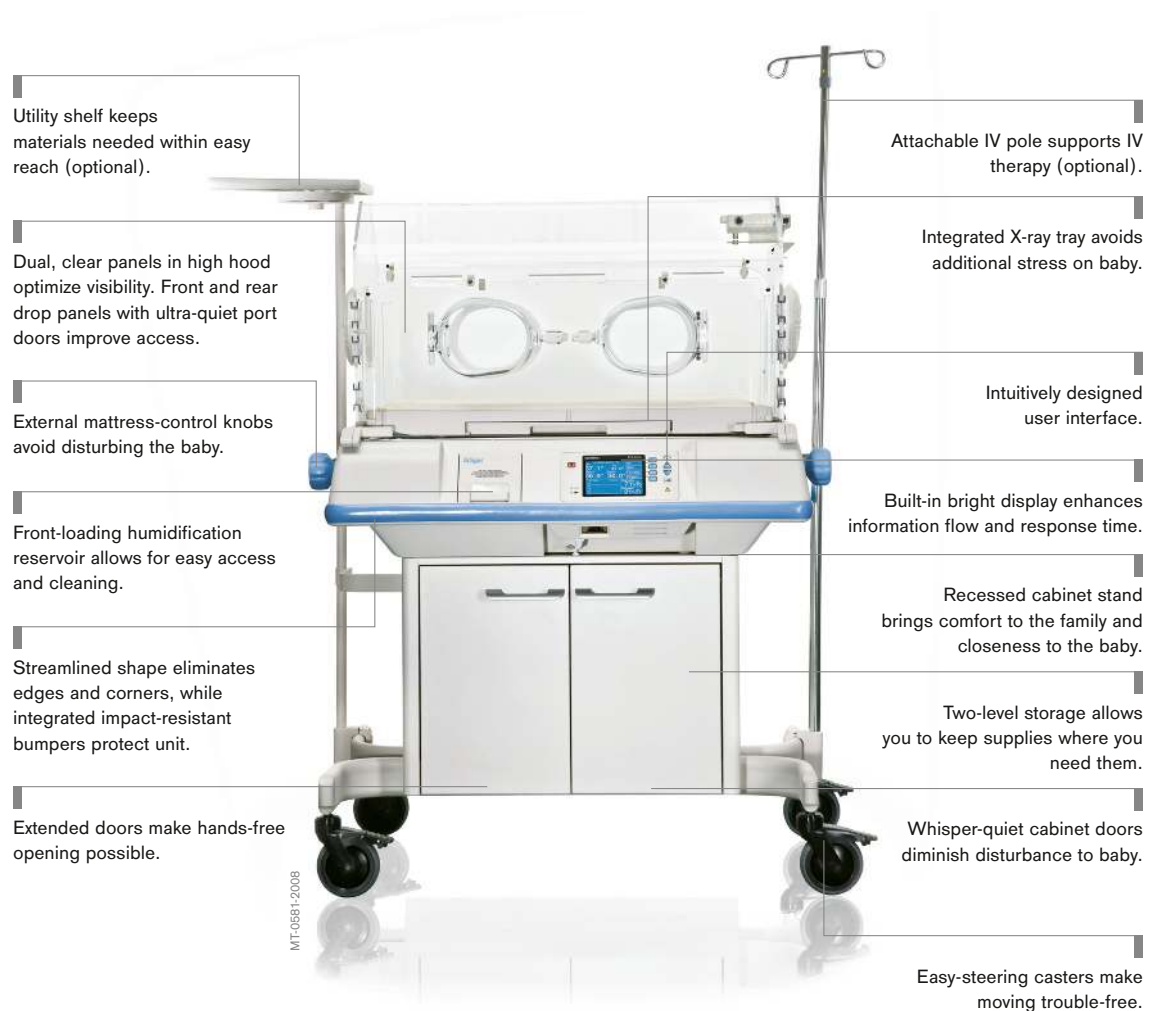


Isolette® C2000 with Cabinet Stand Neonatal Closed Care

Combines the essential microclimate neonates need to thrive with the ergonomics, accessibility and mobility required in today's NICU environments.



Benefits

Supporting neonatal development with proven technology

An advanced thermoregulation system, controlled by Dräger's PID algorithm, helps to keep the baby in a stable environment. Very low air velocity over the mattress area creates a calm zone that surrounds the neonate to inhibit convective heat loss, while dual air curtains and preemptive regulation mechanisms maintain virtually stable conditions during access to the infant.

The servo-controlled humidifier provides optimal comfort levels and helps to prevent the excessive transepidermal water loss and evaporative heat loss common in the first days of neonatal life. The double wall design further maximizes heat conservation.

Designed for comfort and ease of use

We care about ergonomics, because it helps you provide the best possible care. Quiet hand ports and large, hinged side walls on both sides of the Isolette C2000 provide ample access to the neonate for daily care or procedures. All controls and sensor modules are easy to reach, replace and service.

Compact

The easy-to-move Isolette C2000 gives you the placement flexibility you need. With its compact design and small footprint, it fits easily in almost any NICU design, maximizing space for other equipment, caregivers and parents. The recessed cabinet allows caregivers and family to sit comfortably and closely to the baby.

Accessories



D-33514-2009

Developmental Care

Dräger supports developmental care with a wide range of accessories. Our positioning aids reproduce the infant's position in utero as closely as possible in an effort to recreate the physical limits that the pre-term infant is used to. Within this environment the infant can bring its hand to its mouth, brace its feet against and snuggle down into its nest. Incubator covers dampen light and noise to help create a more peaceful environment for the infant in his or her temporary "home".

Related Products



MT-1671-2003

Architectural Systems

Process- and Workflow-optimized solutions.



D-73341-2012

Dräger Babylog® VN500

For generations to come. The Babylog® VN500 combines Dräger's years of experience with the latest technology. The result is a complete, integrated ventilation solution for the tiniest of patients. Move on toward new frontiers today and be prepared for the developments of tomorrow.

Related Products



D-86396-2013

Dräger Jaundice Meter JM-105

The Dräger Jaundice Meter JM-105 gives you consistent quality screening, cost-effectively delivered over the lifetime of the device. As a result you optimize the efficiency of your jaundice management program, which can help save time and money while delivering an exceptional standard of care.



D-12195-2016

BiliLux

The BiliLux is a compact and lightweight LED phototherapy light system for the treatment of neonatal unconjugated hyperbilirubinemia. It provides superior phototherapy performance, individualised therapy with electronic documentation capabilities and the flexibility for seamless integration into practically every workplace.

Technical Data

TECHNICAL SPECIFICATIONS DRÄGER ISOLETTE® C2000 INCUBATOR WITH CABINET STAND

Physical Attributes (without options/accessories)

Height	140 cm (55 in)
Width	104 cm (41 in)
Depth	75 cm (29.5 in)
Weight	95.5 kg (210 lb)

Hood Specifications

Standard hood includes	front and rear access panel 4 access ports and 2 iris 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 hood height	41.2 cm (16.25 in)
Mattress size	38.1 cm x 73.66 cm (15 in x 29 in)
Mattress tilt	±12° (±1°), continuously variable

Cabinet Specifications

Casters	4 casters, 12.7 cm (5 in) and 2 casters with friction brake
Storage volume	Approx. 80 l
Recessed depth	15 cm recessed cabinet
Front loading cabinet doors	2
Door closing mechanism	Soft-stop hinges
Opening angle of the doors	> 90°
Cabinet 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
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

Technical Data

Performance

Air flow velocity across mattress	< 10 cm/sec
Temperature rise time at 22 °C (72 °F) ambient	< 35 min
Temperature variability	< 0.5 °C
Temperature overshoot	< 0.5 °C maximum
Temperature uniformity with a level mattress	< 0.8 °C
Correlation of the indicated air temperature to the actual incubator temperature (after the incubator temperature equilibrium is reached)	≤ 0.8 °C
Operating noise level in hood	< 47 dBA
Operating noise level in hood with Servo Controlled Oxygen	< 49 dBA
Carbon Dioxide (CO ₂) level (per EN 60601-2-19)	< 0.5%
Micro air intake filter	99.9% efficiency
Particle size removal	0.3 micron

Servo Humidity Option

Humidity control range	30% to 95% in 1% increments
Humidity control operating time without refilling	24 hours maximum @ 85% RH and 36 °C, in Air Mode
Humidity control reservoir capacity	1,000 ml
Humidity display accuracy	± 6% RH (between 10% and 80% at 20 °C (68 °F) to 40 °C (104 °F))

Servo Oxygen Option

Oxygen control range	21% to 65%
Oxygen control accuracy of full scale	± 2%
Oxygen display accuracy (100% calibration)	± 3%
Oxygen display accuracy (21% calibration)	± 5%
Oxygen display resolution	1%

Scale Option

Weight range	0 to 7 kg
Weight display resolution	1 g or 1 oz (OIML = 10g or 1 oz)
Weight accuracy	2 g ± 1/2 digit up to 2 kg (OIML = 10 g) 5 g ± 1/2 digit over 2 kg

Device Classification

Protection class	Class I, Type BF, continuous operation, not AP
Ingress of liquids	IPX0

Notes

Notes

Not all products, features, or services are for sale in all countries.
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