

Air-Shields® Isolette® C2000



When Reliability Is Important

Air-Shields®
A Dräger Medical Brand

thermal performance





Caring for the youngest patients requires the best and most innovative technology. But as we see it, newborn intensive care also requires something more an emphasis on the NICU as a total environment where infants can receive the therapies they need in a setting that is nurturing, yet designed for flexibility and efficiency.

Our CareArea™ Solution brings together the most advanced ventilation, monitoring and warming technologies available to provide newborns with the highest level of care. We then combine these technologies with sophisticated information management systems to help caregivers make the vital decisions essential to a baby's well being.

Our expertise in intelligent work-place design enhances the productivity of the NICU while also making sure that it's responsive to the needs of the family. The result? An all-encompassing solution for perinatal care that meets the highest standards. Yours.

Our Commitment

Development of the first Air-Shields® Isolette® Infant Incubator in 1947 launched a new age in newborn medical care. Today, more than half a century later, the Air-Shields® Isolette® Infant Incubator remains one of the recognized leaders around the world. In all those years we have upheld a passionate commitment to:

- Pioneer new technologies for newborns and their caregivers
- Simplify equipment ergonomics to support nursing care
- Create environments for superior care of infants





Data Trending

An Air-Shields® Isolette® Incubator's data trending puts crucial information at your fingertips. The unit graphically trends: air temperature, skin temperature, heater power, oxygen and humidity for intervals of 2-24 hours and up to 7 days for baby weight, gain or loss.

Thermal Performance

Consistent air temperature is essential to the development of a premature infant. The Air-Shields® Isolette® Infant Incubator's advanced thermal management capabilities provide a patented Dual Air Curtain that reduces radiant heat loss from the infant by warming the inner hood surface.

Bi-directional air flow

This unique feature minimizes temperature fluctuations within the incubator when the access doors are opened. An innovative microprocessor controller quickly and accurately regulates temperature, humidity and oxygen levels within the incubator.

Internal Noise Level ≤ 47 dBA

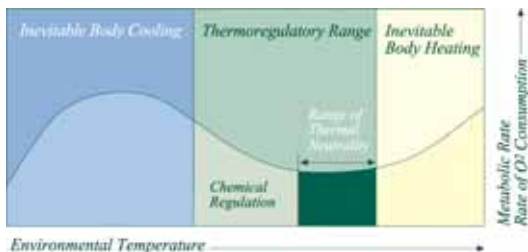
The Air-Shields® Isolette® Incubator's low operating sound levels assure a developmentally supportive environment for infants.

Centralized Care for Multiple Births

Since it allows for co-bedding, the Air-Shields® Isolette® Infant Incubator lets you simultaneously monitor and care for multiple births.

Integrated X-ray Tray

Conveniently located beneath the mattress, the Air-Shields® Isolette® Infant Incubator's X-ray cassette tray slides out smoothly to avoid disturbing the baby...another example of our focus on developmental care.



key features



Superior Infant Access

The Air-Shields® Isolette® Infant Incubator provides front and rear access panels. Two clinicians can simultaneously care for an infant while he or she remains in the incubator, reducing handling and adverse stimulation.

Servo-Controlled Oxygen

Oxygen delivery may be simplified by selecting and controlling whole hood oxygen concentrations from 21% to 65%. Calibration can be performed in room air or in 100% oxygen. The process is quick and easy and can be done while monitoring the infant, without interfering with the thermal environment.

Servo-Controlled Humidity

A front-loading humidity reservoir is easily accessed and requires filling only once every 24 hours. You can set the relative humidity % desired, thus minimizing the infant's evaporative heat loss.

Technical Innovations

Advanced biomedical features provide you with a new level of control during system set-up and offer improved diagnostic tools for system maintenance and troubleshooting.

Advanced Alarm System

- "Ramping" Tone Levels - Audible alarms start quietly and then grow progressively louder, providing you with time to respond before the sound can disturb the infant.
- "Smart" Alarms - Temperature alarms are automatically silenced for a specified time after you change temperature parameters.
- Procedural Silence - When you know a procedure will cause an alarm condition you can initiate a silence period to maintain a quiet environment.
- Visual Eye Level Indicator - A visual alarm is located at eye level on the sensor module to alert you to an alarm condition from across the room.

