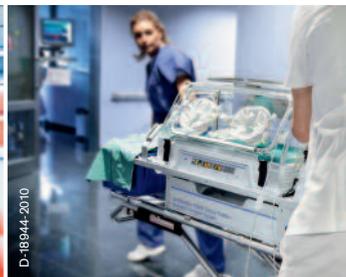




At your side in neonatal care

“Our neonatal technology helps us nurture
our babies to a healthy weight
with the best possible care.”*



Neonatal technology at its best

Nurturing babies in the neonatal intensive care unit (NICU) is more than a specialty. It's a calling. Life-sustaining technology used for fragile neonates weighing as little as a pound is more than specialized. It's life altering.

At Dräger, we believe technology for the NICU should be perfectly suited for enabling caregivers to deliver life-sustaining, noninvasive, developmentally supportive care to neonates. It should support all of the complex needs of brain, organ, and system development. It should reduce the time to noninvasive ventilation so fragile neonates can dedicate all their precious energy to growth and development. It should provide a quiet and serene environment to protect developing eyes and ears from the assault of light and sound, and tiny bodies from even the smallest variations in temperature.

Additionally, technology for neonatal care should go beyond the infant to serve the needs of caregivers and parents alike. It should make it easier for neonatal caregivers to perform complex functions effectively and efficiently, enabling them to focus on their patients. It should encourage parents to comfortably bond with their babies.

Technology like this can help babies achieve a healthy weight – free to reach their potential as adults. For caregivers and parents in the NICU, this is technology at its finest.

This is Technology for Life.



Creating a nurturing environment

As the leading innovator of neonatal technology, Dräger develops technology that is highly sophisticated — yet simple to operate so caregivers can spend more time nurturing their babies. Dräger offers a comprehensive range of products to meet the complex needs of infants, families, and caregivers — from innovative neonatal ventilation systems and specialized incubators to mobile monitors and state-of-the-art IT systems. Additionally, Dräger design and planning services help NICUs create an ideal ergonomic setting where caregivers can work efficiently, parents can nurture, families can bond, and infants can thrive.

Advancing neonatal care

Dräger has championed best practices for neonatal care for over 60 years. We were among the first to recognize the importance of developmental care, Kangaroo Care, and cluster care in the NICU. As a result, we developed neonatal technology that enables caregivers and parents to provide the most advanced developmental care to their babies. We also champion best practices through educational programs. Dräger created babyfirst.com, the first online neonatal community for clinicians and parents of premature babies. [Babyfirst.com](http://babyfirst.com) is an open-access community where visitors share our profound belief that every child deserves to have the best possible start in life.

“Every newborn deserves
a good start in life
and a safe place to grow.”

Stefan Dräger



Anne, 32, mother

"When it's time to go home to my other children, I know my baby will be safe."*

* The individuals and the quotations attributed to them are fictitious and are used for illustrative purposes only.



Victoria, 45, Nurse

"With the right data, available whenever I need it, I can stay ahead of critical situations and anticipate the infant's changing needs."*

Jim, 45, Director of Neonatal Care

"Having the best neonatal care in the area attracts more parents like Anne."*

Customized ergonomic workplace designs

- Workplace consulting and customized design
- Flexible architectural concepts adapted to clinical needs, patient flow, and population
- Ambient light, sound, and temperature control concepts for a truly nurturing environment
- Color code matching for easier device handling

Newborn stabilization

- Uniform temperature and humidity distribution
- Stable microclimate in the incubator for neonatal growth and development
- Emergency interventions

Comprehensive mechanical ventilation solutions

- Volume guarantee
- Auto leak compensation
- Noninvasive ventilation





Dräger

Infinity C500

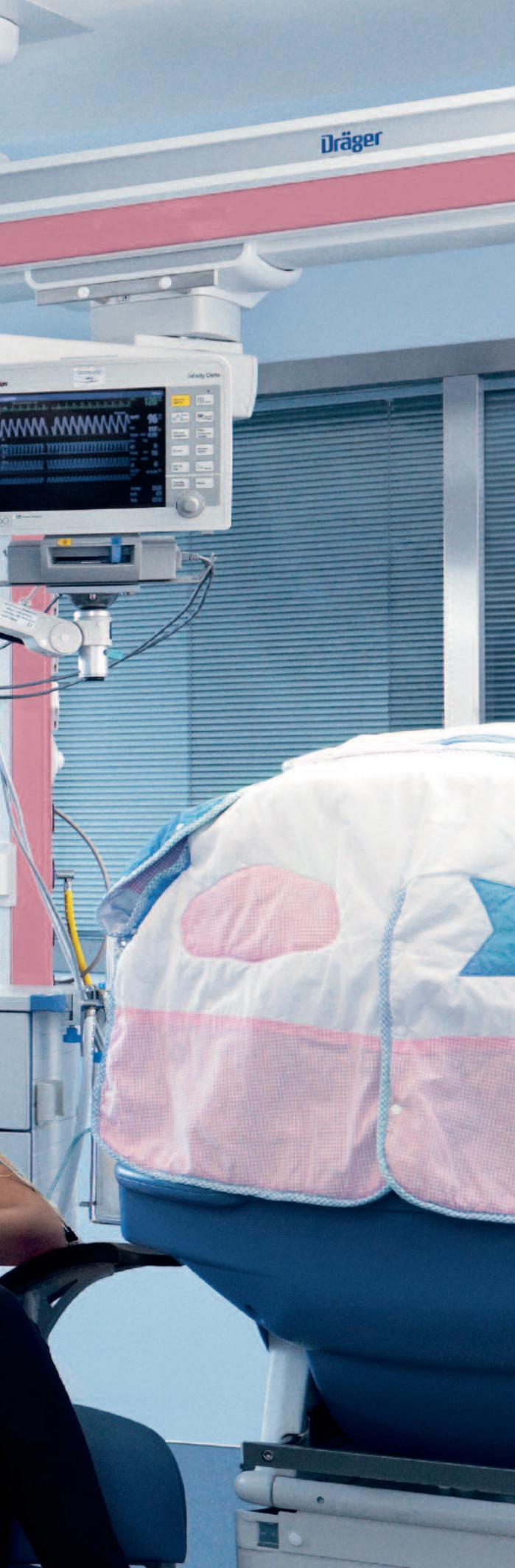
Dräger

Babylog VN2000

Dräger

Caleo



**Improve workflow and safety**

- Adjustable alarm volume
- Automatic return from apnea ventilation
- Day/night screen
- Omnidirectional alarm bar

Noninvasive therapy and point-of-care decision support

- Nasal CPAP and high-flow oxygen therapy
- Instant, noninvasive screening for jaundice
- Bedside access to comprehensive clinical data and images

Profound nurturing power of developmental care

- Smart accessories
- Stimulus-inhibiting incubator covers
- Device features like kangaroo mode, privacy mode, and minimal noise levels

Customized life cycle management solutions

- Scheduled preventive maintenance and remote services for maximum uptime
- Accessories and consumables that are designed for specific points of care on all Dräger devices
- Regular software updates and device upgrades

“The word is getting out — our caregivers and technology are **helping our babies grow and develop** — and go home sooner.”*

Jim, Director of Neonatal Care



Less anxiety. A healing environment. Home sooner.

Helping care for immature lungs

Dräger's innovative ventilation technology — with its unique volume guarantee and leak compensation — can deliver consistent minute ventilation with optimized CO₂ removal. This allows caregivers to use the lowest possible ventilation parameters, potentially reducing the risk for lung injury. Our noninvasive technology provides a variety of therapeutic options for reducing the need for intubation and invasive ventilation. Enhanced monitoring provides early warning of acute pulmonary changes — critically important when caring for fragile neonates.

The highest microclimate standards

With Dräger incubator microclimate technology, caregivers can maintain an ideal mix of temperature, humidity, light, and sound for their babies. Our open warmers provide both radiant and conductive heat to create a cocoon-like effect, minimizing caloric expenditure and heat loss. Our intelligent visual and graduated audible alerts are directed away from the infant capsule to avoid startling infants from their sleep.

Providing the information to anticipate sooner

Neonatal body systems cannot fully regulate themselves. Anticipating changes in their breathing and body temperature can mean a life or death issue. Dräger's NICU monitoring and information management systems provide a comprehensive, continuous, and seamless flow of information — on the ward and in transport — so caregivers are always in the know. Our thermomonitoring detects subtle changes before thermal stress develops, and our ventilation systems provide a visual representation of the baby's breathing, so caregivers and parents alike can watch the baby's progress — breath by breath.

Providing nurses more time with their patients

Dräger neonatal technology has standardized interfaces, nomenclature, and operating principles — because caregivers' focus should be on their patients, not their technology. Dräger incubators have ergonomic adjustments to prevent strain and stress on nurses. Our ventilator systems can be customized to display numeric, graphic, real-time, or trend data. Ultimately, Dräger enables caregivers to have more time to care for their patients.

Product and service portfolio



D-27706-2009

Workplace design with built-in flexibility for neonates and in-house resources

- Workplace design expertise
- Supply and cable management systems
- Media and information technology
- Family-friendly, color-coded systems



D-22377-2010

Medical therapy devices and tailored technology solutions for neonatal patient care

- Thermoregulation solutions
- Neonatal transport
- Neonatal respiratory support
- Jaundice management



MT_793_Delta XL

Clinical information management for a wide range of applications and acuity levels

- Mobile and stationary neonatal vital signs
- Central monitoring stations
- Patient data management such as trending data, lab results, and diagnostic images



D-22375-2010

Decision support for enhanced patient safety

- Built-in bedside software applications for continuous thermomonitoring
- Real-time visualization of pulmonary function data
- Clinical data management such as bedside data, clinical applications, and full-disclosure storage for up to 32 patients



D-24181-2010

Medical devices and smart applications to increase quality of care

- Customized service programs including preventive maintenance and remote services
- Conformity-assessed developmental care accessories and consumables
- Updates and upgrades
- Special training and education programs

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