



NEONATAL PRODUCT CATALOGUE



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A close-up photograph of a newborn baby's hand and foot, resting on a white surface. The baby's skin is pink and wrinkled. The background is a blurred blue and white, suggesting a hospital setting. The overall tone is soft and clinical.

Neonatal Intensive Care

MIEKA's Neonatal Intensive Care products are designed with advanced technology to go beyond clinical requirements and deliver meaningful improvements in NICUs, making a real difference in the care of newborns.

▶▶▶ RADIANT WARMERS

Radiant warmers play a vital role in neonatal care by providing immediate and consistent warmth to newborns who cannot regulate their own body temperature. They are designed to allow monitoring of premature or low birth weight babies, maintaining body temperature, care and first interventions, and comfortable applications of treatment. Unlike incubators, which enclose the infant, radiant warmers allow full access for clinical procedures while maintaining a stable thermal environment. This is particularly important in delivery rooms, operating theatres, and intensive care units, where quick intervention and monitoring are critical.

A high-quality radiant warmer should deliver precise heat control, minimise heat loss during procedures, and integrate monitoring options that support safe and efficient care. Nurses and clinicians rely on these systems to balance warmth and accessibility, enabling the application of key concepts including developmental care, family integrated care and kangaroo care. MIEKA's radiant warmer line is designed with these needs in mind, offering advanced technology, intuitive design, and reliable performance to support both caregivers and newborns from the very first moments of life.

OKM 730

The OKM 730 series offers a wide range of **user configurable** options, giving clinicians the flexibility to select exactly what they need for their neonatal unit.

Standard Configuration

- **Operating Modes:** Pre Warm (Eco), Baby and Manual
- Integrated Examination Lamp, CPR and APGAR Score timer
- X Ray Cassette Tray, Monitor Tray, IV Pole (standard)
- Extensive audible and Visual Alarm Functions
- LED Control Panel

Configuration Options

- Baby Weight Scale (1g -10 Kg +/- 1g) with LCD colour display
- Electric Tilt Adjustment with Zeroing Tilt Function
- Phototherapy Unit
- Control Panel with 10" Touch Screen
- Nellcor SpO2
- Electric Height Adjustment
- T -Piece Resuscitation Unit
- Air Oxygen Blender
- Suction Unit
- 360 Rotatable Mattress
- Two Sided Drawer



HKN-2500B

WARMER / RESUSCITATOR WITH PHOTOTHERAPY

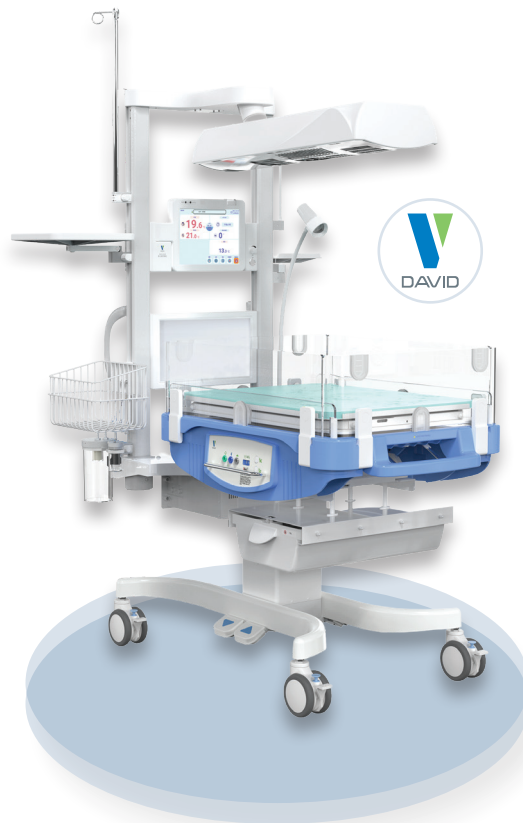
The HKN-2500B Infant Radiant Warmer is a four-in-one neonatal emergency care system integrating thermoregulation, phototherapy, respiratory resuscitation, and optional comprehensive life monitoring into a single platform.

Standard Configuration

- Baby Weight Scale (1g -10 Kg +/- 1g) with LCD colour display
- Electric Tilt Adjustment with Zeroing Tilt Function
- Phototherapy Unit
- Control Panel with 10" Touch Screen
- Nellcor SpO₂
- Electric Height Adjustment
- T -Piece Resuscitation Unit
- Air Oxygen Blender
- Suction Unit
- 360 Rotatable Mattress
- Two Sided Drawer

Configuration Options

- Integrated baby weight scale
- Camera System for Imaging and Video
- T Piece Resuscitation Unit
- Air Oxygen Blender
- Low Pressure Suction Unit
- **Advanced Monitoring Options:** SpO₂, ECG, NIBP
- CO₂, Apnea, Haemoglobin



OKM 730

MOBILE WARMER

OKM 730 Mobile delivers a cost-effective solution for clinical environments where a dedicated patient bed is not required. The Wall Mount version is designed for permanent installation, supplied with secure mounting plates for fixed wall attachment. In contrast, the OKM 730 Mobile is equipped with four wheels, allowing it to be easily transported between bedsides. Together, these models provide clinicians with flexible and practical options while maintaining the reliability and safety standards of the OKM 730.

Standard Configuration

- **Operating Modes:** Pre-Warm (Eco), Baby and Manual
- Integrated Examination Lamp
- CPR and APGAR Score Timer
- Audible and Visual Alarms
- LED Control Panel

Configuration Options

- Height Adjustment



OKM 730-MOBILE



OKM 730-WALL MOUNT

WARMING BEDS

A warming bed offers a unique approach to neonatal thermoregulation by heating the mattress from below, much like a heated cot but with advanced medical precision. Unlike radiant warmers, which expose the baby to overhead heat, a warming bed provides gentle, evenly distributed warmth from beneath, reducing unnecessary water loss and minimizing stress on delicate skin. This warming method is well known to provide a calmer, less invasive environment that kangaroo care, family integrated care and developmental care, whilst ensuring clinical safety.

In addition, hospitals benefit from lower energy consumption, quieter operation, and reduced glare in the unit compared to radiant warmers. By combining comfort with medical-grade performance, a warming bed bridges the gap between home-like care and intensive medical support. For parents and clinicians alike, it represents a reassuring alternative that promotes stability and growth during the earliest and most fragile stage of life.

OKM 740 WARMING BED

The OKM 740 is an innovative warming bed that combines the comfort of a cot with the precision of advanced neonatal care. It allows clinicians to monitor and control the mattress temperature with accuracy, while also offering integrated SpO2 measurement for continuous monitoring of the infant's oxygen levels. A medical-grade soft gel mattress ensures that heat is distributed evenly across the baby's body, providing consistent warmth without creating pressure points.

Its cot-like design creates a calmer, more natural environment for newborns, helping to reduce stress and anxiety while still ensuring the highest level of clinical safety. This blend of comfort and care makes the OKM 740 a unique solution for hospitals seeking both family-centered care and medical reliability.

Standard Configuration

- 5" Colour LCD Touch Screen Display
- Transparent Canopy with Safety System
- Trend Data Storage and Review
- Audible and Visual Alarms
- Four Fold Down Drawers and Nine Grommets
- Soft Gel Mattress

Configuration Options

- Nellcor SpO2
- Vertical Height Adjustment by Foot Switches



INFANT BEDS

The YC-200A/200B Infant Beds are rooming-in neonatal care solution designed to support safe bedside care, enhance parent-infant bonding, and reduce cross-infection risk within maternity and postnatal environments. Both models feature a transparent polycarbonate infant basin, pressure-relief waterproof mattress, adjustable height column (27 cm \pm 2 cm lift), and four locking castors to ensure ergonomic access and clinical safety.

YC-200A INFANT BED

- The inclination angle of the bassinet can be adjusted in three gears, effectively reducing the spitting up of newborns
- The side doors can be restored, and the scroll spring structure is adopted to reduce the noise caused by operating vibration
- The doors on both sides can be locked to prevent accidental side fall
- The height of the bed is freely adjustable, and the ultra-high lifting distance (27cm \pm 2cm) can adapt to any height of the hospital bed
- It can be used together with jaundice treatment equipment.



YC-200B INFANT BED

- 360° all-round rotatable design, with the swing arm extending left and right
- The side doors can be restored, and the scroll spring structure is adopted to reduce the noise caused by operating vibration
- The doors on both sides can be locked to prevent accidental side fall
- The height of the bed is freely adjustable, and the ultra-high lifting distance (27cm \pm 2cm) can adapt to any height of the hospital bed
- It can be used together with jaundice treatment equipment.

INFANT INCUBATORS

Newborn babies, particularly those born prematurely, often struggle to regulate their body temperature and to adapt to life outside the womb. Even small drops in body temperature can increase energy expenditure, place stress on vital organs, and slow growth and recovery. Infant incubators create a stable, controlled microenvironment by maintaining warmth and humidity.

YP-3100B HYBRID INCUBATOR/WARMER

The YP-3100B Infant Incubator is a three-in-one neonatal care system integrating an incubator, radiant warmer, and optional advanced monitoring into a single platform, enabling fast one-click switching between closed incubation and open emergency care modes.

Standard Configuration

- TFT 10.4" Colour LCD Touch Screen with Night Mode
- **Operating Modes:** Air, Baby and Kangaroo Modes
- Integrated Humidity and Oxygen Concentration Control
- Optimised Air Circulation System
- High Temperature Steam Humidification
- Transparent Water Tank for Enhanced Infection Prevention
- Electrically Controlled Multi Angle Bassinet
- Integrated Baby Weight Scale
- Dual Side Adjustable Height
- High Efficiency Radiant Heating
- APGAR score and CPR Timing
- Hands Free Alarm Silence

Configuration Options

- Masimo SpO2
- Advanced Monitoring Modules ECG, NIBP, Haemoglobin, CO2, and Apnoea
- Silent Damping System for Noise Free Access



OKM 862

LOSED CARE INCUBATOR

The OKM 862 Infant Incubator combines a sleek, modern design with advanced functionality, featuring a 7-inch color screen display for intuitive operation. Its double-wall canopy system minimises heat and humidity loss, ensuring stable conditions for the infant. This model is ideal for those who seek both high performance and a refined, contemporary design.

Standard Configuration

- LCD 7" Colour Screen Display
- Double Wall Canopy System
- Operating Modes :** Air and Baby
- Air Curtain System to Prevent Heat Loss
- Audible and Visual Alarms
- Stand with Four Lockable Swivel Castors
- X Ray Cassette Holder, IV Pole and Tray, Monitor Tray
- Five Access and Ten Soft Port Sleeves
- Two Drawers and One Large Cupboard
- Servo Humidity Control

Configuration Options

- Servo Oxygen Control
- Integrated Baby Weight Scale
- Vertical Height Adjustment by Foot Switches
- Large External Touch Screen Display
- Nellcor SpO2
- Trend Channel



OKM 801

LOSED CARE INCUBATOR

The OKM 801 Infant Incubator uses cutting-edge technology to maintain precise control of temperature, humidity, and oxygen within the chamber. This seamless regulation creates the safest possible environment for preterm and critically ill infants, supporting their growth and recovery during the most vulnerable stage of life.

Standard Configuration

- LCD 8" Colour Touch Screen Display
- Trend Data Storage and Review
- Double Wall Canopy System
- Air Curtain System to Prevent Heat Loss
- **Operating Modes:** Air and Skin
- Audible and Visual Alarms
- Stand with Four Lockable Swivel Castors
- X Ray Cassette Holder, IV Pole and Tray, Monitor Tray
- Six Access Iris Port and Ten Soft Sleeves
- Soft Mattress with Trendelenburg Function
- Main Unit with Two Drawers and a Large Cupboard for easy storage
- Servo Humidity Control

Configuration Options

- Servo Oxygen Control
- Integrated Baby Weight Scale
- Vertical Height Adjustment by Foot Switches
- Large External Touch Screen Display
- Nellcor SpO₂



YP-2800B

CLOSED CARE INCUBATORS

The YP-2800B neo natal incubator integrates thermoregulation and monitoring functions to provide a comprehensive NICU solution for premature and low birth weight infants.

Standard Configuration

- TFT Colour 10.4" LCD Touch Screen with Night Mode
- **Operating Modes:** Air, Baby and Kangaroo Modes
Embedded Intelligent Control System with Android Display
- Unique PID core algorithm for stable temperature control
- Servo Humidity Control
- Servo Oxygen Control
- High Temperature Steam Humidification
- Transparent Water Tank for Enhanced Infection Prevention
- Electrically Controlled Multi Angle Bassinet
- Integrated Baby Weight Scale
- Dual Side Adjustable Height

Configuration Options

- Masimo SpO2
- **Advanced Monitoring Modules :** ECG, NIBP, Haemoglobin ,CO2 and Apnoea



YP-2500B

CLOSED CARE INCUBATORS

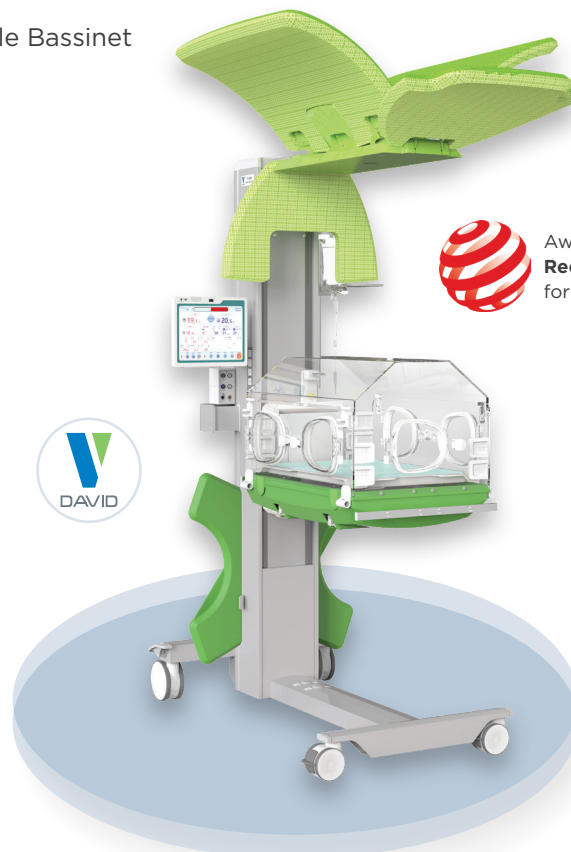
The YP-2500B Infant Incubator is an advanced neonatal care system designed to provide a stable, simulated maternal environment through an upgraded PID temperature control algorithm and intelligent multi-CPU control architecture.

Standard Configuration

- Colour 12.1" LCD Touch Screen with facility for multi angle positioning
- **Operating Modes:** Air, Skin and Kangaroo Modes
- Advanced warm air circulation system
- Servo Humidity Control
- External Humification Water Bag
- Integrated shading hood reduces environmental noise
- Detachable, ergonomic, nursing hand frame
- Unique Suspended baby bassinet with high lift (600mm) Capability
- One Touch Electrically Controlled Multi Angle Bassinet
- Integrated Camera allows Real Time Observation of the Infant via the LCD Screen
- Electrically Controlled Multi Angle Bassinet
- Integrated Baby Weight Scale
- Dual Side Adjustable Height

Configuration Options

- Servo Oxygen Control
- Integrated Baby Weight Scale with Angel Display
- Masimo SpO₂
- **Advanced Monitoring Modules :** ECG, NIBP, Haemoglobin, CO₂ and Apnoea



TRANSPORT INCUBATORS

Critically ill and premature newborns often need to be moved between delivery rooms, intensive care units, or even different hospitals for specialised treatment. During these transfers, maintaining a stable environment is essential because infants are highly vulnerable to fluctuations in temperature, humidity, and oxygen levels. A transport incubator provides a controlled microclimate that protects the baby throughout the journey, ensuring continuity of care without interruption. The ideal transport incubator should combine thermal stability, reliable monitoring, and advanced safety features in a lightweight and durable design. Just as importantly, it must be easy for clinical teams to operate under urgent conditions, with dependable power management to keep every journey safe.

TR 203 LCD TRANSPORT INCUBATOR

The TR 203 LCD offers trusted performance and safety features with the added benefit of a modern, touch screen, interface. Its user friendly design and intuitive controls make operation even easier for clinical teams, while maintaining the same reliable temperature regulation, passive humidification, secure trolley system, and multi-alarm safety. This model combines advanced functionality with a user-friendly design.



Standard Configuration

- Colour 11.66" LCD TFT Touch Screen Control
- Double Wall Canopy with Side Doors
- Set, Air and Baby Temperature Display
- Multiple Alarm Message Indicator
- >37°C" Temperature Set Function
- Observation Lamp for Canopy
- Passive Humidification
- Both Mains-Powered and DC-Powered with Built-in Battery
- 12 or 24 VDC Inputs for use in Ambulance
- Internal Battery Level Indicator
- Two Pin Oxygen Cylinder Holder

Configuration Options

- Trolley with Adjustable Height for Use in Ambulances
- Stainless Steel Instrument Tray
- Second Back Up Battery
- Integrated Electrical Suction Unit
- Nellcor SpO₂
- Skin and Air Temperature Servo Control
- O₂% Monitoring

MOBILE PHOTOTHERAPY

Mobile phototherapy ensures immediate and effective jaundice treatment at the baby's bedside, during transfers, or in units without dedicated NICU space. Its flexibility guarantees uninterrupted and immediate care, helping clinicians respond quickly. By delivering high-intensity light therapy in a compact and portable form, it allows treatment to begin without delay, even in resource-limited settings. The mobility also supports family-centered care, enabling therapy without separating infants from their parents. In this way, mobile phototherapy combines clinical effectiveness with convenience, ensuring that every newborn receives timely and safe treatment wherever they are.

BC 050 PHOTOTHERAPY DEVICE

The award-winning BC 050 is the ideal solution for neonatal jaundice treatment, designed with 32 blue super LED therapy lamps that deliver powerful and uniform light distribution. By covering the entire surface area, it ensures maximum treatment efficiency and has earned recognition as one of the most effective phototherapy devices available in the market.

Standard Configuration

- Colour 3.5" LCD TFT Touch Screen Control
- Blue LED Technology for Neonatal Jaundice Treatment
- 32 Blue Super LED Therapy Lamps
- 8 White Super LED Inspection Lamps
- UV, IR and Heat-Free Light Source
- Block Lift Height Control
- Up and Down Treatment Timer
- 360° Rotatable Head
- Meets AAP Guidelines for Intensive Phototherapy
- Skin Temperature Measurement
- Adjustable Irradiance Level
- Effective Surface Area Marking
- Effective Surface Area (50x25)
- Adjustable Stand and Lamp Head Position



XYZ-90Q

PORTABLE / WEARABLE PHOTOTHERAPY

The XYZ-90Q Neonate Bilirubin Phototherapy Equipment is a high-intensity LED blue light system designed for effective treatment of neonatal hyperbilirubinemia.

Standard Configuration

- Using LED cold light source for blue light treatment, with high intensity and low heat, which can effectively prevent the newborn body water evaporation, and significantly reduce fever, diarrhea, rash and other side effects of phototherapy
- Color LCD touch screen, visualised operation, providing a more direct user experience
- The humanised gooseneck design can easily adjust the angle (0-90°) to meet the clinical needs
- Continuous/intermittent phototherapy mode, can scientifically reduce the adverse reactions of neonates during treatment
- Compact and portable, can be flexibly matched with other products with lower phototherapy function to form a more efficient double surface phototherapy solution.



NBP-I

PORTABLE / WEARABLE PHOTOTHERAPY

The NBP-I Neonate Bilirubin Phototherapy Equipment is a compact, wearable, fiber-optic intensive phototherapy system designed for flexible use in NICU, nursery, and home environments.



Standard Configuration

- Used in a variety of environmental conditions, such as NICU
- Baby Nursery Center or at home as a treatment solution for newborns with Jaundice
- Equipped with the high power& narrow-band LED and fiber-opticonduction technology
- Large enough effective area of radiation and adjustable high and low irradiance levels
- The infant skin directly contacts with the irradiated surface to allow Infant-parent bonding
- The product is in full compliance with the AAP Clinical Guidelines on Intensive Phototherapy
- Patient timing and LED service life timing functions.

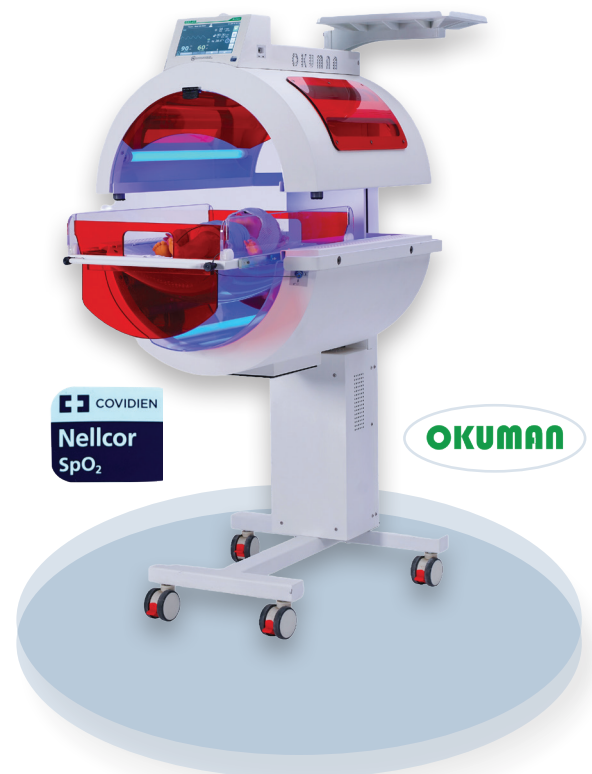
BC 350

TUNNEL PHOTOTHERAPY (with SpO₂)

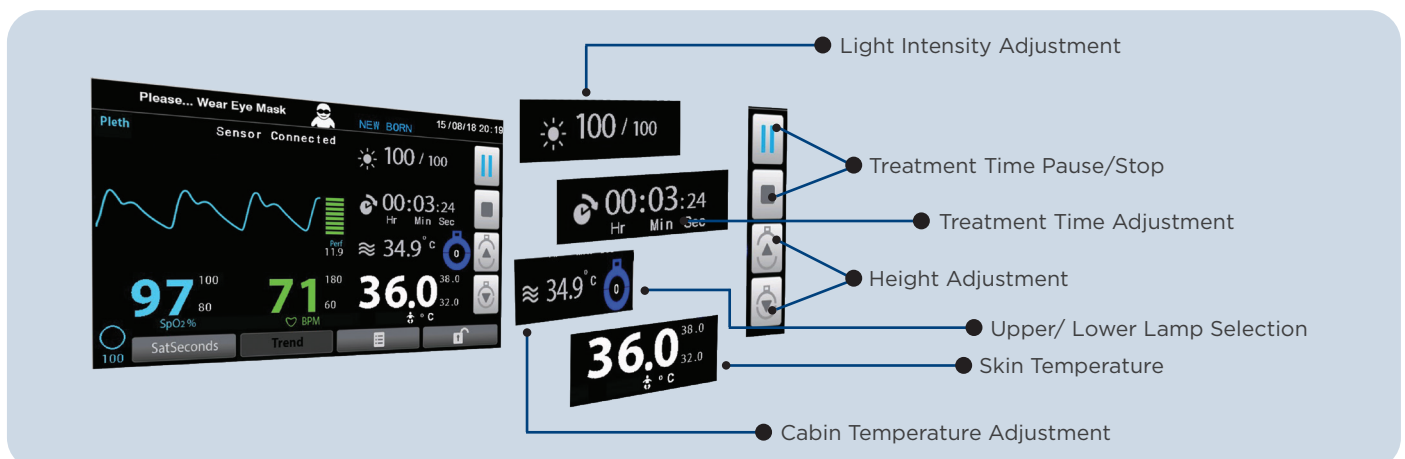
The BC 350 Bilicare Tunnel Phototherapy features a full-color touch screen display with an advanced smart keyboard interface that enables clinicians to navigate all operational settings with precision. The LCD screen allows complete control of the device through the intuitive OKUMAN user interface, providing instant visualization of alarms. This seamless integration of control, monitoring, and data entry supports accurate clinical documentation. In addition, the BC 350 includes an integrated SpO₂ module. This allows continuous monitoring of oxygen saturation alongside the essential phototherapy functions.

Standard Configuration

- 360° Blue LED Technology for Neonatal Jaundice Treatment
- Meets AAP Guidelines for Intensive Phototherapy
- Colour 7" LCD TFT Touch Screen Display
- Air and Skin Temperature Measurement with Low & High Alarm Limits
- Extensive Audible/Visual/Written Alarms
- Adjustable Irradiance Intensity in 5% increments (0-100%)
- Selectable Upper and/or Lower Therapy Sections
- Adaptive System Control
- Height Adjustment and Temperature Control
- Lamp Life Timer Function & Smart Keyboard Feature
- Patient Data Entry Through Touch Screen
- Patient Demographic Data Menu (Name & Patient ID)
- Built-in Nellcor SpO₂ Feature
- Long-term long operating life (> 20.000 hours) with blue LED Treatment Lamps
- Automatic Rising of The Upper Cabin with in-cabin Temperature Control



LCD Display (7" color Touch Screen)



NEOPORT INFANT RESUSCITATION DEVICE

At the time of birth, some newborns (especially those born prematurely or after complicated deliveries) may not establish adequate spontaneous breathing. Immediate and effective resuscitation is critical, as delayed intervention can quickly lead to hypoxia, organ damage, or even mortality. Infant resuscitation devices are designed to deliver controlled, consistent, and safe ventilation at the bedside, giving clinicians the ability to support the baby's lungs until independent breathing is achieved.

Unlike manual methods such as self-inflating bags, advanced resuscitation devices allow clinicians to set precise pressures, ensuring effective ventilation while minimizing the risk of barotrauma or volutrauma. Having a dependable, well-designed resuscitation device at hand can mean the difference between a challenging start and a safe transition into life.

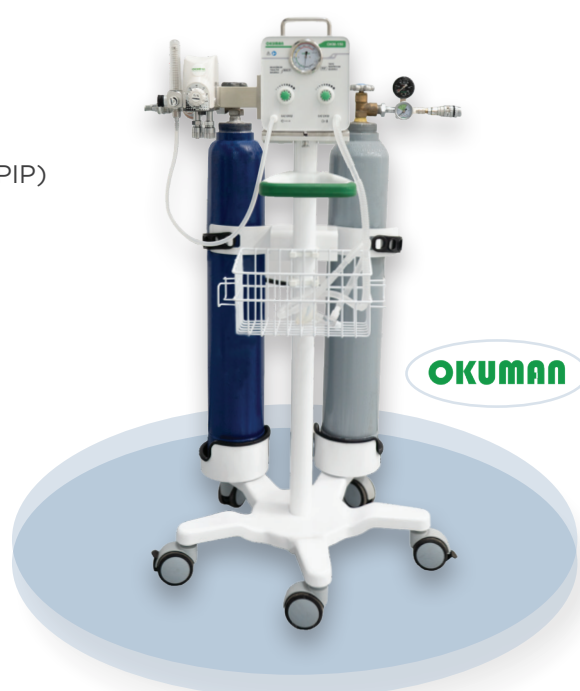
OKM 150

The OKM 150 Neoport Infant Resuscitation Device is a portable, gas-driven system designed to deliver safe and controlled respiratory support at birth and during emergencies. Breaths are delivered at a set flow rate with adjustable oxygen concentrations ranging from 21% to 100%, allowing tailored support for each infant's needs.

To enhance infection control, the device uses a single-use T-piece breathing circuit, while optional accessories such as a trolley, air and oxygen cylinders, and a blender add flexibility across different care settings. Compact, reliable, and easy to use, the OKM 150 gives clinicians confidence in delivering life-saving resuscitation.

Standard Configuration

- Portable and Medical Gas-Driven Design
- Delivers Controlled Target Peak Inspiratory Pressure (PIP)
- Consistent Positive End Expiratory Pressure (PEEP)
- Breaths Provided Precisely at a Set Flow Rate
- Adjustable O₂ Concentrations from 21% to 100%
- Single Use T-Piece Infant Breathing Circuit for Infection Control
- Trolley, Air & O₂ Cylinders, Air & O₂ Blender (Optional)



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COMPLIANCE & CERTIFICATIONS

