

NKV-440

Ventilator System





Clinically Relevant Solutions Optimizing Patient Care

Seamless Care

From neonates to adults, the NKV-440 ventilator easily transitions patients between invasive and non-invasive ventilation, and high flow oxygen therapy.

Lung Protection

Gentle Lung® recruitment tools provide lung recruitability assessment and guided recruitment processes for clinicians to optimize the care of critical patients.

Internal Turbine

Our integrated HEPA-filtered, high-performance turbine provides increased versatility and mobility and ensures clean air for your patients.

Integrated Pneumatic Nebulizer

The Nebulizer App delivers aerosolized solutions or medications with integrated pneumatic nebulizer support.

Sophisticated Simplicity

Our highly customizable, clinician focused Graphic User Interface design enables the NKV-440 to easily fit into your paradigm.

Workflow Optimization

Our App based design provides guided processes to help create a more streamlined, systematic way for clinicians to optimize care of their ventilated patients.

Treasure Every Breath®

Seamless Care

The NKV-440 ventilator system is a versatile ICU ventilator with the ability to transition all patients effortlessly between different modalities:

- Neonatal ● Pediatric ● Adult
- Invasive ventilation ● Non-invasive ventilation ● High flow oxygen therapy



Invasive Ventilation



Non-invasive Ventilation

Every patient, every breath

This simple feature increases efficiency while minimizing the waste of materials and time. Fewer equipment variations reduce training, storage, and cleaning burden, freeing staff to focus on patient care.



High Flow Oxygen Therapy

Intuitive Apps

Modern, intuitive, and customizable application-based (App) concepts allow clinicians to quickly learn and acclimate to ventilator functions. Customizable Apps and full-panel of Apps are easily accessible on screen.

Full Apps Panel



Custom Panel



Enhanced Mobility

Many integrated features allow the NKV-440 more freedom: up to 5 hours of operation and beyond with multiple hot-swappable batteries, high-performance turbine, and trolley with oxygen cylinder holder.



Lung Protection

The Recruitment Assessment (RA) App provides an innovative tool for clinicians to obtain the insight into the recruit ability of the patient's lungs to help determine if a recruitment maneuver would be beneficial to the patient.

Recruitability Assessment

- The RA App calculates the gain in lung compliance.
- Provides the clinician with important clinical information to determine which patients are appropriate candidates for a Recruitment Maneuver.

Lung Protection

Clinically proven Standardized Informative

Recruitment Maneuver and PEEP Titration

- Standardized stepwise lung recruitment maneuver allows clinicians to focus on the patient's responses instead of changing the ventilator settings.
- PEEP Titration helps determine the PEEP where compliance is best

Treasure Every Breath