

NKV-440

Ventilator System

Treasure every breath



Clinically Relevant Solutions

Seamless Care

From neonates to adults, the NKV-440 ventilator system 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.



Seamless Care

Patient Groups

- Neonatal
- Pediatric
- Adult

Therapies

- Invasive ventilation
- Non-invasive ventilation
- High flow oxygen therapy

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

Invasive Ventilation



Non-invasive Ventilation



High Flow Oxygen Therapy



The design of the NKV-440 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.



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 & Custom Panel

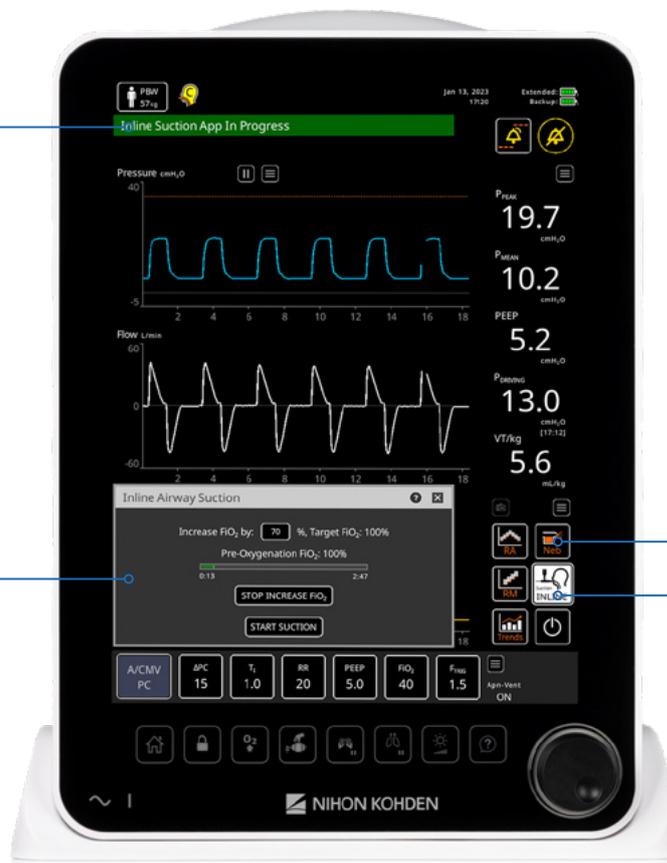


Message Bar

Guided Process

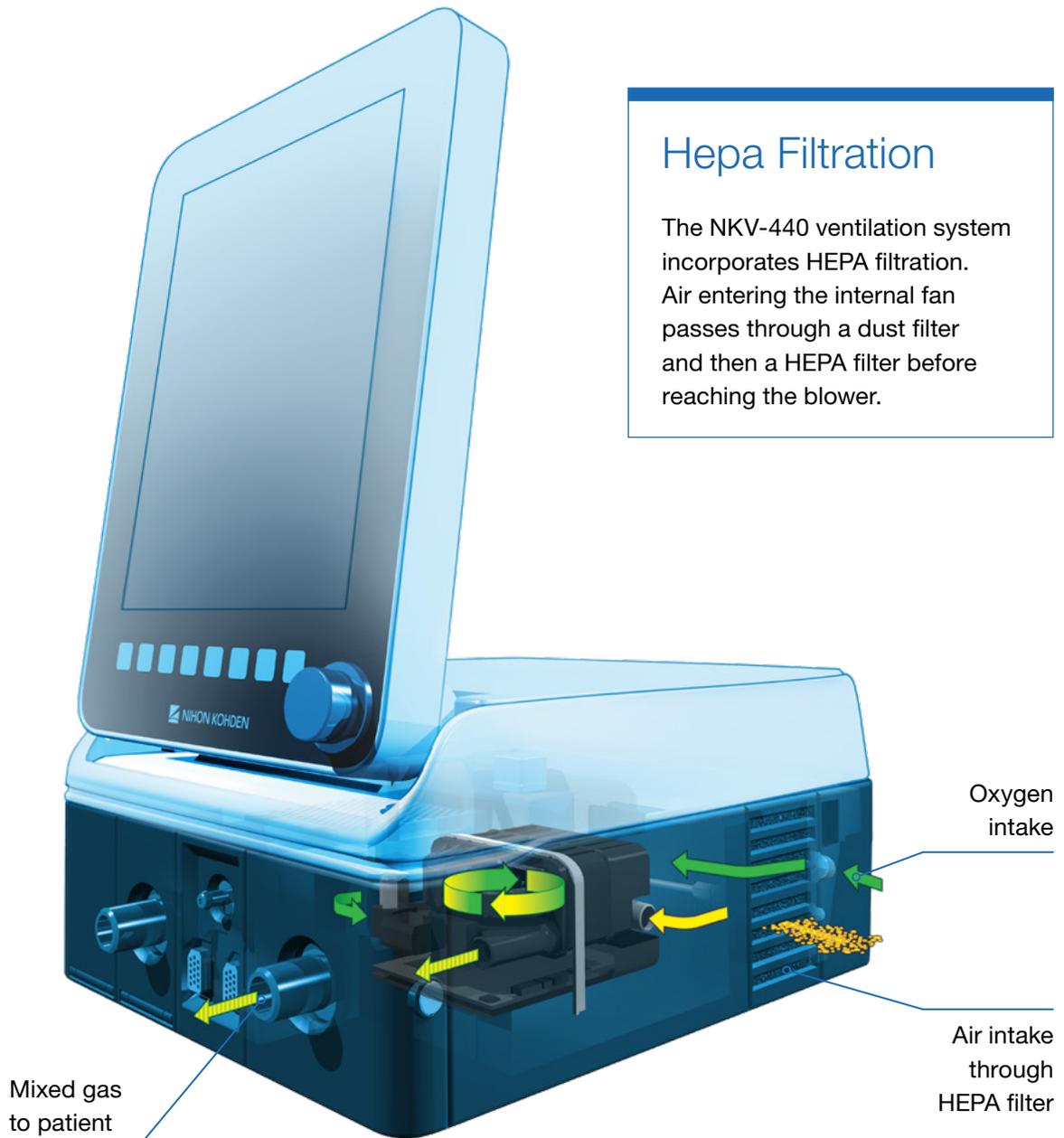
Customizable Apps Panel

Expandable App Button



Internal Turbine

The NKV-440 ventilator's high-performance turbine allows independence from compressed air. It provides ICU performance in a small mobile package.



Integrated Pneumatic Nebulizer



An integrated pneumatic nebulizer application eliminates the need for external flow source for traditional aerosol treatments.

It allows clinicians to select when the aerosol particles are delivered: inhalation phase, exhalation phase, or continuous; to increase efficacy.

An external vibrating mesh nebulizer can be used optional.

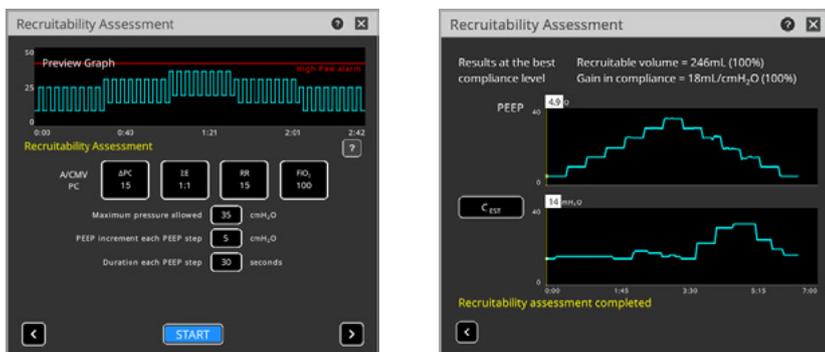
Enhanced Mobility

Many integrated features allow the NKV-440 ventilator system 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

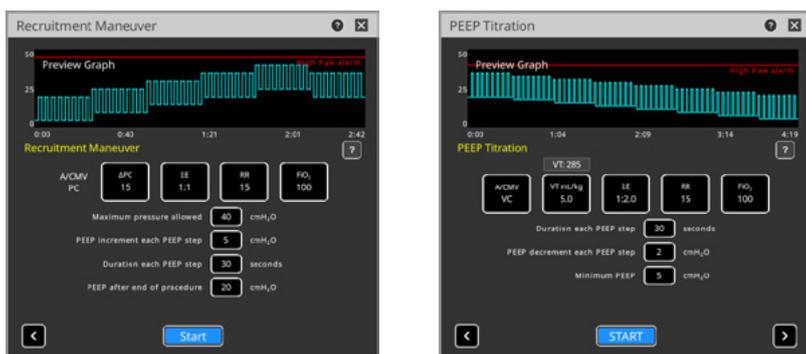
Recruitability Assessment



The Recruitment Assessment (RA) App provides an innovative tool for clinicians to obtain the insight into the recruitability of the patient's lungs to help determine if a recruitment maneuver would be beneficial to the patient – Clinically proven, Standardized and Informative.

- 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.

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.

Optional Monitoring

cap-ONE
ORAL, NASAL, EXPIRATION



Weighing about 4 g, the cap-ONE sensor is 90% smaller and 80% lighter than older CO₂ sensors. New technology eliminates the need for a heater, reducing the strain on the endotracheal tube.

BluPRO



From the company that invented SpO₂, Nihon Kohden's BluPRO sensors are available in several styles for all patient sizes and feature our Smart Cable – plug and play functionality.



Improving Healthcare with Advanced Technology

Since its foundation back in 1951, Nihon Kohden's mission has been to improve the quality of life with advanced technology. We provide solutions for diagnosis, critical care, clinical information, and in vitro diagnostics – and we are dedicated to collaborate with you to meet the challenges of healthcare today and tomorrow.

Visit www.nihonkohden.com to find out more.

NIHON KOHDEN EUROPE GmbH
Raiffeisenstrasse 10, 61191 Rosbach, Germany
Phone: +49 6003 827 0, Fax: +49 6003 827 599
Internet: <https://eu.nihonkohden.com>, E-mail: info@nke.de

Nihon Kohden OrangeMed, Inc.
1800 E. Wilshire Avenue, Santa Ana, CA 92705, USA
Phone: +1 (949) 502-6448
Internet: www.orange-med.com / www.nihonkohden.com

©2023 Nihon Kohden.

"Treasure Every Breath" is a registered trademark of Nihon Kohden Corporation.
"Gentle Lung" is a registered trademark of Nihon Kohden OrangeMed, Inc.



This document may be revised or replaced by Nihon Kohden at any time without notice.

E/BR-NKV440-EN01