

# NKV-330

Ventilator System

Treasure Every Breath.



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# Treasure Every Breath®

Nihon Kohden ventilators represent the future of patient care

Improving patient safety, quality of care and outcomes, while also managing costs are critical goals in today's acute care environment. Medical devices making a positive contribution towards these goals will be crucial to the health care of the future.

—— **What attributes should a NPPV ventilator of the future have?** ——

## Solutions for better outcomes

Reliable ventilation preventing life-threatening events

## Improving Patient Care

Critical information, intuitive interface, increased patient comfort

## Flexibility

From ER to Recovery, Invasive to O<sub>2</sub> therapy

## Manage Patient Safety

Easily viewable alarms, "hot-swap" battery, HEPA filter

The Nihon Kohden NKV-330 does all this and more, and is your solution for mechanical ventilation management.



# Solution for a better outcomes

## Safe, reliable respiratory management

### Multiple ventilation modes to address a variety of clinical environments

Availability of multiple non-invasive ventilation modes as well as a high flow oxygen therapy mode allows the NKV-330 to operate in various clinical settings including the ER, intensive care, and intra-hospital transport.

Ventilation mode

**SPONT-PS**  
spontaneous ventilation with pressure support

**S/T**  
spontaneous with timed backup

**PCV**  
pressure control ventilation

**PRVC**  
pressure regulated volume control

An oxygen therapy mode

**O<sub>2</sub> Therapy**  
high flow oxygen therapy

### Smart Cable system – unique modular connection technology

Using a Smart Cable connecting to a MULTI socket, the NKV-330 automatically detects the parameter (CO<sub>2</sub>/SpO<sub>2</sub>) and starts measuring, which is reflected in the layout of display items on the screen. Realtime monitoring helps to prevent life-threatening events.



### Continuous CO<sub>2</sub> and SpO<sub>2</sub> monitoring

CO<sub>2</sub> and SpO<sub>2</sub> monitoring are available, even when the ventilator is in Standby mode.

### Nihon Kohden's unique technologies contribute to increasing patient safety

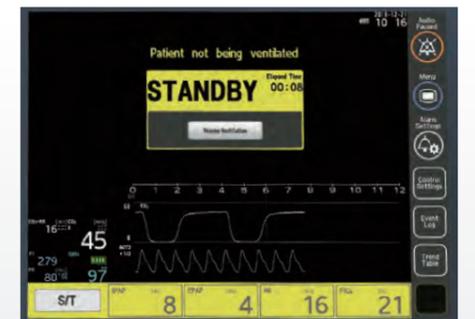
**cap-ONE**  
ORAL NASAL EXPIRATION

Reliable even under high humidity conditions. Safe heaterless system prevents burn injuries.



**BLUPRO**

Reliable SpO<sub>2</sub> probes from the company that invented SpO<sub>2</sub>.



# Improving patient Quality of Life

## Efficient, quality care

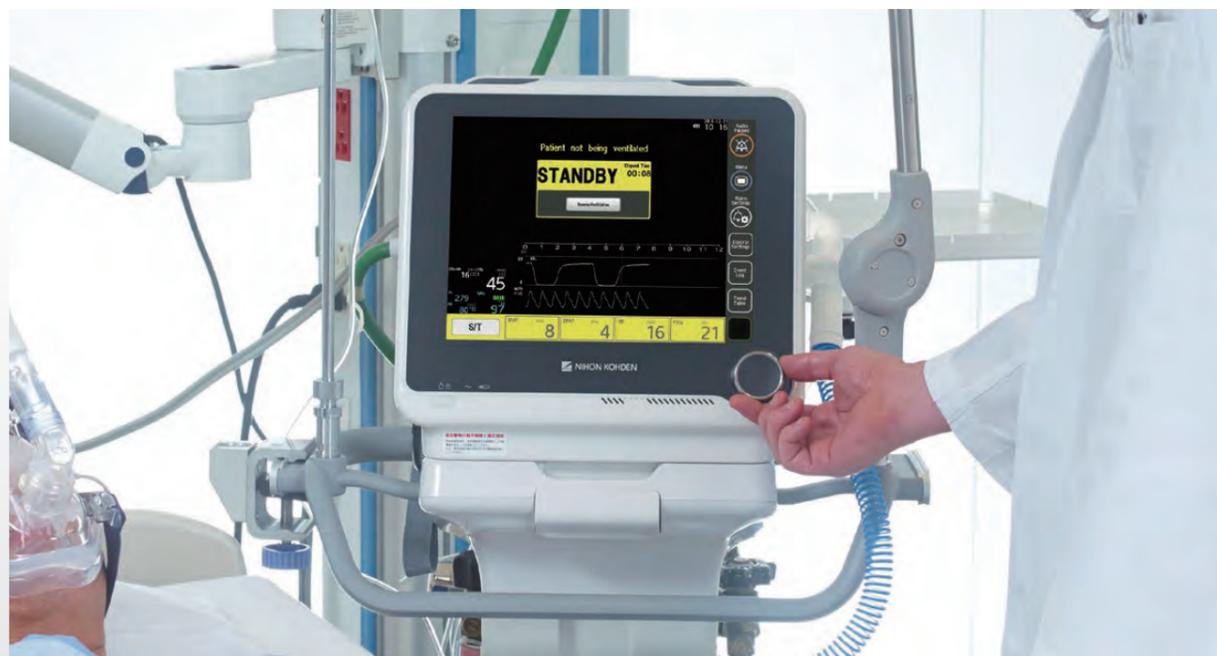
### Critical information at your fingertips

The NKV-330 can store up to 72 hours of full-disclosure waveforms, alarm and operation logs, and patient measurements, allowing the physician to review critical clinical data to determine the best treatment protocol.



### Intuitive interface gives you more time for your patients

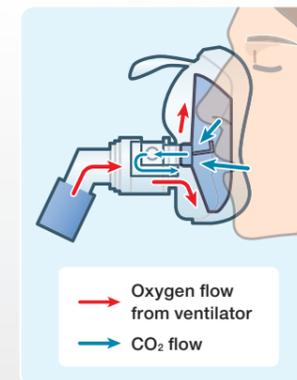
The sleek, attractive design includes a 12.1 inch color touch screen and operation knob that facilitates respiratory setting changes while still displaying current waveforms.



## Increase patient comfort

### Formfitting NPPV mask

The Nihon Kohden NPPV mask is designed to fit any facial shape with minimal patient discomfort and skin damage.



### Continuous CO<sub>2</sub> monitoring during NPPV therapy

The combination of cap-ONE, Nihon Kohden's new class of ultra-compact CO<sub>2</sub> sensor, and dedicated NPPV mask optimizes the ability to monitor and detect changes in the patient's condition, improving patient care and outcomes. This is particularly useful for measuring carbon dioxide (CO<sub>2</sub>) during NPPV therapy.



# A flexible ventilator for the dynamic hospital environment

## Mechanical ventilation for the entire spectrum of respiratory care



ER

Transport

ICU

Rehab

Recovery



One action to detach the NKV-330 from the cart.

Flexibility to cope with changing patient conditions

# Managing Patient Safety

## System alerts and redundancy ensure patient safety

### Easily viewable ventilator alarms

A clearly visible alarm indicator on the top of the 12.1 inch display combined with audible alerts provides caregivers prompt notification of critical ventilator events.

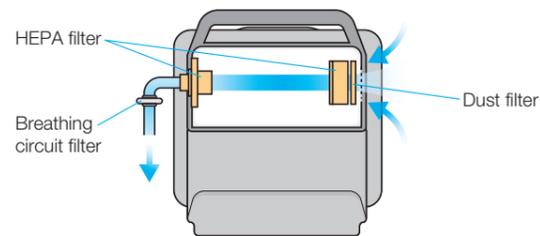


### Ensure continuous operations

Equipped with both a "hot swap" main battery and an internal backup battery, caregivers can be confident that should a loss of AC power occur, the NKV-330's operation will continue uninterrupted.

### Dual filter protection

The NKV-330 incorporates dual HEPA filtration. Air going to the internal blower first passes through a dust filter, then through a HEPA filter, prior to reaching the blower. Air going to the patient passes through an additional HEPA filter which is located internal to the Gas Outlet Connection.



### Prevent missing alarms

A dual speaker system ensures that an alarm condition will result in an audible alert to the caregiver, even if one speaker fails.



## Options



Mount plate DH-330Z



Rail hook DH-331Z



Cart, M (H 1000 mm) KC-330Z  
Cart, L (H 1100 mm) KC-331Z

## Mask for NPPV

	NPPV mask	NPPV mask with CO <sub>2</sub> measurement
	 <ul style="list-style-type: none"> <li>NPPV full face mask set</li> <li>NPPV full face mask set L VM-310Z</li> <li>NPPV full face mask set M VM-311Z</li> <li>NPPV full face mask set S VM-312Z</li> </ul>	 <ul style="list-style-type: none"> <li>cap-ONE mask set</li> <li>NPPV cap-ONE mask set L VM-330Z</li> <li>NPPV cap-ONE mask set M VM-331Z</li> <li>NPPV cap-ONE mask set S VM-332Z</li> </ul>
Disposable	 <ul style="list-style-type: none"> <li>Full face mask cushion L VA-310Z</li> <li>Full face mask cushion M VA-311Z</li> <li>Full face mask cushion S VA-312Z</li> </ul>	 <ul style="list-style-type: none"> <li>cap-ONE mask cushion L VM-330Z</li> <li>cap-ONE mask cushion M VM-331Z</li> <li>cap-ONE mask cushion S VM-332Z</li> </ul>
Reusable	 <ul style="list-style-type: none"> <li>NPPV mask frame VA-380Z</li> </ul>	
	 <ul style="list-style-type: none"> <li>NPPV head gear VA-381Z</li> </ul>	