

# COMEN

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V3 Ventilator



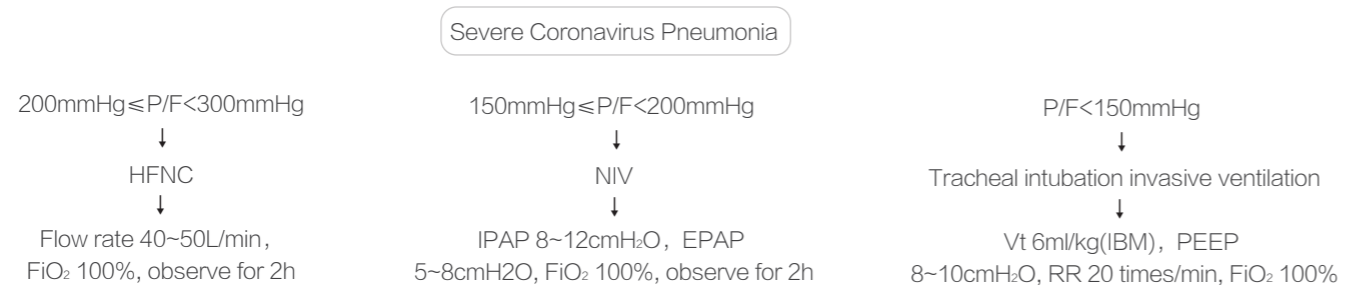
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## COVID-19 Respiratory Management for Coronavirus Pneumonia



- V3 is a turbine based respiratory support platform that can handle a variety of scenarios, including bedside ventilation and intra-hospital transport.
- The interface is simple and intuitive and can be easily mastered by caregivers without complicated training.
- Comprehensive ventilation modes, covering critical and subcritical respiratory therapy for adult/pediatric patients
- High-performance corepower unit with durability and ultra-high-speed flow and stable ventilation to meet various demands for respiratory support

\* Quoted from the Chinese Journal of Critical Care Medicine(Electronic Edition) "Expert Recommendations on Respiratory Management Procedures for Severe Coronavirus Pneumonia"

## Multifunctional Ventilator

From intra-hospital emergency transport to critical care, V3 provides whole respiratory therapy solutions.



### Safe and Stable Intra-hospital Emergency Transport

The turbine based ventilator does not rely on a high-pressure air source and can directly use indoor air for during transportation.

- Easy-to-disassemble trolley
- Small and lightweight mainframe
- Built-in high-capacity lithium battery

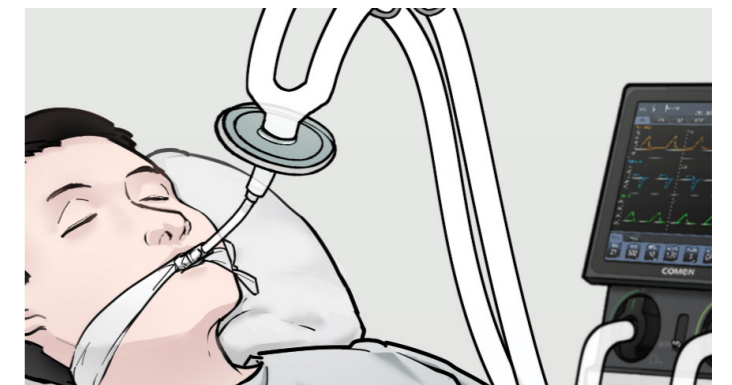
## Professional and Efficient Critical Care

With extensive ventilation modes and smart sync techs, V3 offers a whole range of treatment: O<sub>2</sub> therapy—monitoring—wearing



Non-invasive therapy — NIV and O<sub>2</sub> therapy

- Outstanding leakage compensation
- Ultra-silent turbine
- Smart synchronized breathing



Invasive therapy — bedside intubation

- Comprehensive ventilation modes
- Weaning instructions



Monitoring — assessment of respiratory status

- Extensive monitoring parameters
- Intuitive waveform & parameter display

# Extensive Respiratory Management

V3 has a comprehensive range of ventilation modes and special features that meet the requirements of intensive care respiratory therapy.

It fully supports the various treatment needs of ICU, PACU, RICU, EICU, PICU and other wards.

Ventilation modes:	Invasive ventilation mode	<ul style="list-style-type: none"> <li>V-A/C</li> <li>V-SIMV</li> <li>P-A/C</li> <li>P-SIMV</li> <li>CPAP/PSV</li> </ul>	Non-invasive ventilation mode	<ul style="list-style-type: none"> <li>P-A/C</li> <li>P-SIMV</li> <li>CPAP/PSV</li> <li>High flow oxygen therapy</li> </ul>
	Respiratory Respiration Assisting tools:	<ul style="list-style-type: none"> <li>Assisted ventilation</li> <li>Manual breathing</li> <li>Exhalation-hold</li> <li>Inhalation-hold</li> <li>Atomizer</li> <li>Oxygen enrichment (+O<sub>2</sub>)</li> <li>Sputum suction</li> </ul>	Smart ventilation	<ul style="list-style-type: none"> <li>Compliance compensation</li> <li>Leakage compensation</li> <li>IntelliSynTec</li> <li>Apnea ventilation mode</li> </ul>
Monitoring function:	Waveform monitoring	<ul style="list-style-type: none"> <li>P-T waveform</li> <li>F-T waveform</li> <li>V-T waveform</li> <li>Waveform chart</li> <li>P-V loop</li> <li>F-V loop</li> <li>F-P loop</li> <li>Waveform chart</li> </ul>		

# High Performance Power Unit

V3 features well-designed double valves and high-performance turbines to ensure efficient operation of the ventilation.

V3 is designed in strict accordance with the environmental standards of the transport ventilators, and has better durability than conventional ventilators.



- Dual valves for inhalation and exhalation
- Both valves can be disassembled for more thorough cleaning
- Quick disassembly without tools
- Support 134°C high temperature and high-pressure sterilization
- Outstanding durability



- The high-performance turbine provides high-flow rate ventilation of up to 210 L/min to meet the respiratory therapy needs of critically ill patients.
- With a turbine life of up to 20,000 hours, no short-term maintenance or replacement is required.

\* According to the latest CE standards, the inhalation and exhalation valves must be detachable and autoclavable to reduce the risk of hospital infections.

# Easy to Use

The V3 screen can be flipped freely to the best viewing angle. For the most comfortable operating experience.



IntelliSynTec technology: Auto adjust the [expiratory trigger] to the optimal value based on the characteristics of the patient's lungs, which makes breathing more comfortable for the patients and reduces frequent adjustments of the ventilator settings during treatment. This effectively reduces the workload of caregivers while ensuring better synchronization.



Patient type



Waveform measurement tool



Automatic alarm limit

Benefit from the intuitive UI design of V3, it only takes two steps to adjust ventilation parameters.

The functional layout is clinically applicable, and what you think is what you get.