



Professional manufacturer for Anesthesia & Ventilator
Since 1992

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T50
Ventilator



Electric driven and control

Advanced turbine control technology

Comprehensive Ventilator

Reliable across hospitals, emergencies, and transport settings.



40,000-hour Lifetime
Turbine



Ventilator Weaning assistant



Ventilation Assessment



Lung Protection Support



Intelligent Synchronization

Wide Application, Lightweight and Portable

Emergency Dept.	ICU	Inner/Outside Patients Transfer	Postoperative Recovery
Lightweight and Portable	Electric Driven and Control	Sequential Treatment	
Can be carried and operated by single hand; standalone main unit with trolley optional.	High-performance turbine motor for gas source. With a maximum peak flow rate $\geq 210\text{L/min}$.	Possees Invasive and non-invasive ventilation, high-flow oxygen therapy functionality, providing comprehensive respiratory support for patients.	

- Easy to install and convenient to dismantle
- 12.1-inch LCD touchscreen, multi-angle views
- Simple and convenient operation

- Adjustable humidifier chamber
- Multifunctional trolley with O₂ tank



Strong Power, Safe Protection

Strong turbine power, safe and stable control system, Parallel oxygen source design, supporting both high-pressure and low-pressure oxygen sources (Optional). Integrated design of in halation and exhalation valve components, easy to disassemble. 134°C auto-clave and high-pressure sterilization support, providing safe protection for patients.

Invasive Ventilation

A secure and stable control system with comprehensive ventilation modes and auxiliary monitoring functions. Dynamic compensation for tidal volume, and oxygenation for auxiliary suction.

In/Out Patients Transfer

With a compact and light weighted main unit, it can be easily handheld.
Internal lithium battery maximally supports power supply during patient transfer.
One-click lock screen, prevent mis-operation.

Stable Performance, Precise Control

Capable of supporting to the various cases of emergency & critical care.

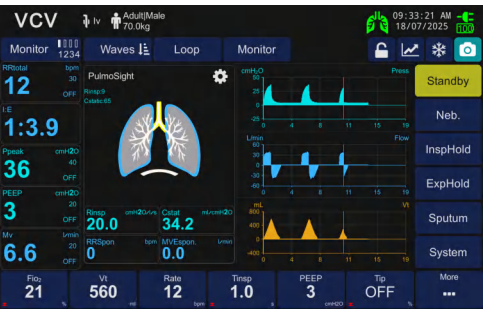
Non-invasive Ventilation

- Multiple non-invasive ventilation modes
- Safe and effective leak compensation
- High-flow oxygen therapy
- Comprehensive monitoring and alarm system



Intuitive, Concise, Easy To Use

- Flat UI design with multilingual operation and display support, including English, Spanish, French, Russian, and more.
- Two-step operation for all commands.
- Adjustable screen angle for multiple observation.
- Visual and audio alerts.



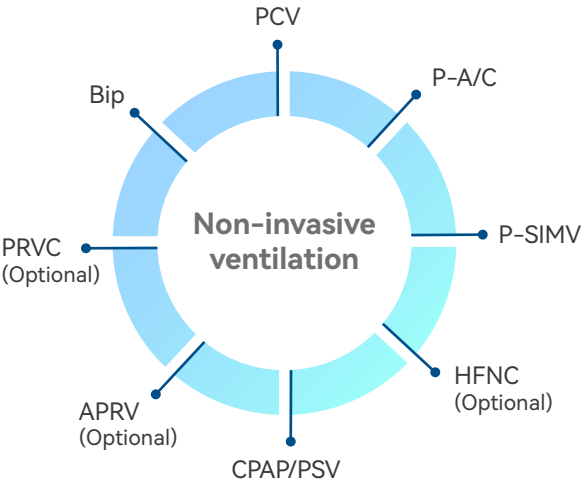
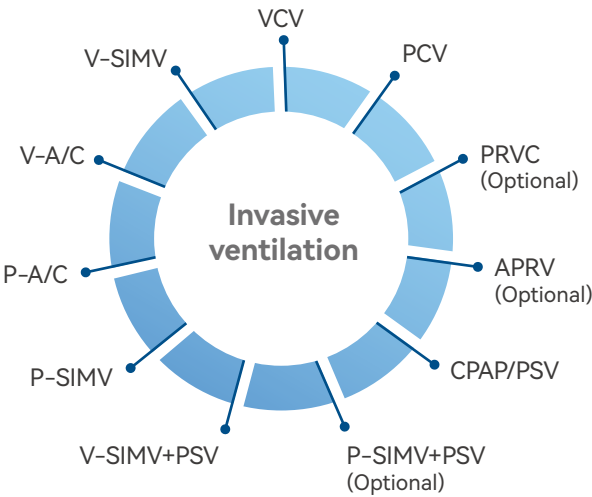
Clean and simple workspace interface



Waveforms and loops

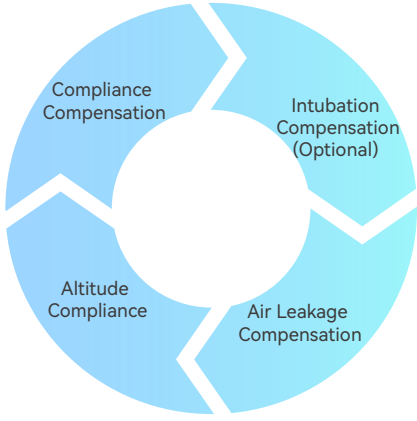
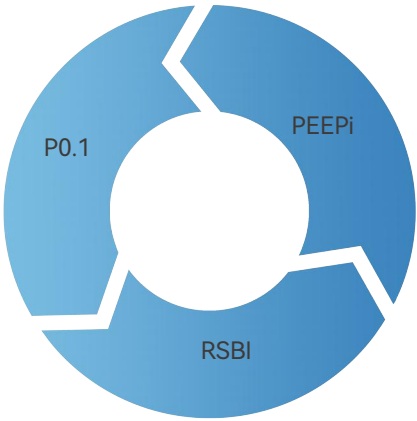
Comprehensive Ventilation Modes

Involving invasive and non-invasive ventilation, full-process support is provided. Various ventilation modes and functions effectively improve human-machine synchronization, making breathing more comfortable for patients.



Intelligent Ventilation,Lung Compliance Compensation

Multiple auxiliary tools and monitoring functions,advanced automatic compensation for tidal volume and lung compliance.Assist professionals with fast and accurate diagnosis of patient respiratory status.



High-flow oxygen therapy



Nebulization



Inhalation holding



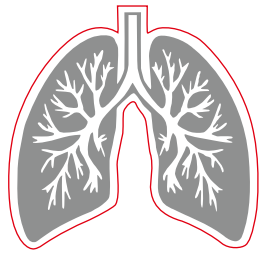
Exhalation holding



Manual ventilation

Dynamic Lung View

Visualize ventilation status, respiratory parameters, resistance, compliance and other information to simulate the real-time respiratory status of the lungs for easy observation by clinicians.



High-flow Oxygen Therapy (Optional)

High-flow oxygen therapy can rapidly increase blood oxygen saturation and reduce the symptoms of hypoxia. The ventilator has a built-in electronic air-oxygen mixer, with an adjustable range of oxygen concentration from 21% to 100%, a maximum gas flow rate of 60L/min.

Recruitment Maneuver (Optional)

Intermittently applying continuous airway pressure and maintaining it for a period of time can recruit collapsed alveoli during ventilation. Prevent secondary alveolar atelectasis caused by low tidal volume ventilation, thereby preventing the occurrence of pulmonary complications.



Event Log Real-time Review

Provide 96 hours trends analysis graphs, storage for at least 3000 logs and alarm information. The data can be exported and saved instead of being cleared in the event of a “shut down” or power failure.

Information Interconnection Efficient Management

Ethernet, COM, HDMI, 2 USB interfaces, can connect to hospital, out-of-hospital network, monitors and other equipment. Data can be exported and easily upgraded and maintained. Optional: ETCO₂ module, SPO₂ module.

