

VENTILATOR

The Crius V6 is an electrically controlled ventilator that combines powerful features such as invasive ventilation, non-invasive ventilation, high flow oxygen therapy, nebulization, and intelligent suction to meet the various ventilation needs of **adults, children,** and infants.



15.6-inch HD touch screen



Optional 18.5-inch large screen



Comprehensive ventilation mode

Invasive ventilation mode

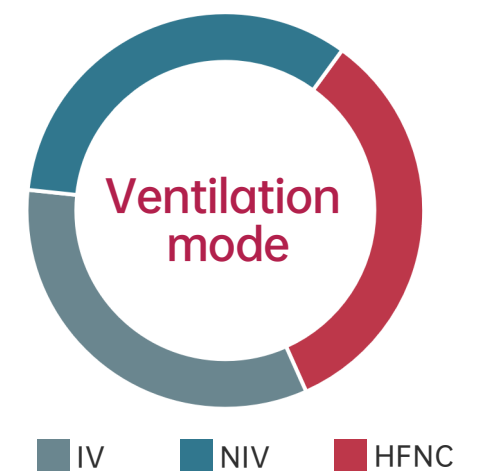
VCV, PCV, PRVC, V-SIMV, P-SIMV, PRVC-SIMV, CPAP/PSV, CPAP-VG, APRV, Dual PAP; Optional: AMV, nCPAP.

Non invasive ventilation mode

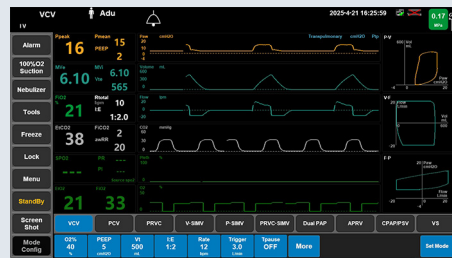
PRVC, P-SIMV, PRVC-SIMV, Dual PAP, APRV, CPAP/PSV, CPAP-VG, nCPAP, Apnea Ventilation, PCV

Oxygen therapy

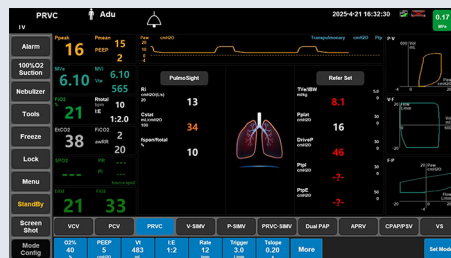
Provide high flow oxygen therapy (HFNC) function through nasal humidification (Maximum 100L/min).



Multiple display interfaces



Normal



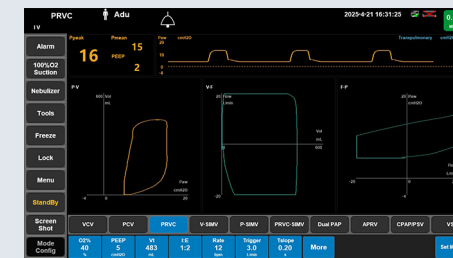
Dyn Lung



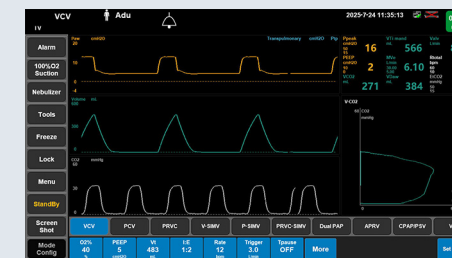
All Params



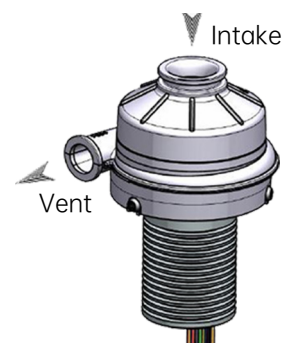
Big Font



Big Loop



V-CO2



Easy to use

- 15.6" high-definition touch screen, large screen display and easy operation.
- Screen machine separation design, the display screen can be adjusted up, down, left, right.
- Concise and clear interface, all monitoring parameters can be displayed intuitively on the same screen.
- A cart with brakes, compact and lightweight, convenient for transportation within the hospital.

Powerful ventilator

- Equipped with three types of ventilation: invasive ventilation, non-invasive ventilation, and high flow oxygen therapy.
- Equipped with oxygenation, intelligent sputum suction, nebulization, endogenous PEEP, and sighing functions.
- Display four monitoring waveforms and three ring diagram tools on the same screen.
- High performance turbine, more precise gas flow, more stable pressure control.

Widely applicable

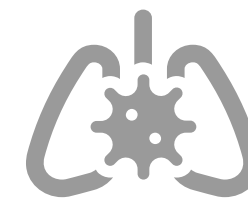
- Suitable for assisting ventilation and respiratory support in adult, child, and infant patients.
- Suitable for emergency rooms, operating rooms, intensive care units, etc.
- Multiple mounting methods such as transportation, bedside, trolley, and crane tower.



The Carius V6 ventilator is equipped with multiple lung-protective ventilation features designed to reduce the risk of potential lung injury caused by the ventilator itself. It is particularly suitable for patients with acute respiratory distress syndrome (ARDS) and other conditions where the lungs are in a vulnerable state. The fundamental purpose of lung-protective ventilation is to: prevent or reduce ventilator-induced lung injury (VILI) and improve patient treatment outcomes.



The sigh function mimics the sighing dyspnea pattern during patients' natural breathing, effectively enhancing their gas exchange efficiency and lung volume levels.



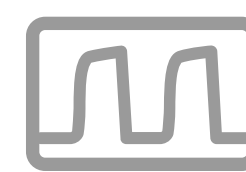
This ventilation mode periodically applies supra-normal pressure to recruit collapsed alveoli, thereby effectively preventing atelectasis caused by shallow, slow breathing.



The P-V tool enables clinicians to identify patient-specific optimal PEEP settings. Precise PEEP titration enhances oxygenation, optimizes lung mechanics compensation (LMC), and mitigates ventilation-induced pulmonary injury.



The C20/C ratio – quantifying compliance distribution during the terminal 20% of inspiration relative to whole-breath compliance – serves as a diagnostic indicator for respiratory system status. Values below 1.0 predispose patients to pulmonary hyperinflation risks.



The Stress Index (SI) measures pressure-time curves under constant inspiratory flow. An upward curve indicates overdistension, a downward curve shows recruitment, and a linear curve confirms safe ventilation.