

COMEN

COMEN Share with the World



V3 Ventilator

CE 0598



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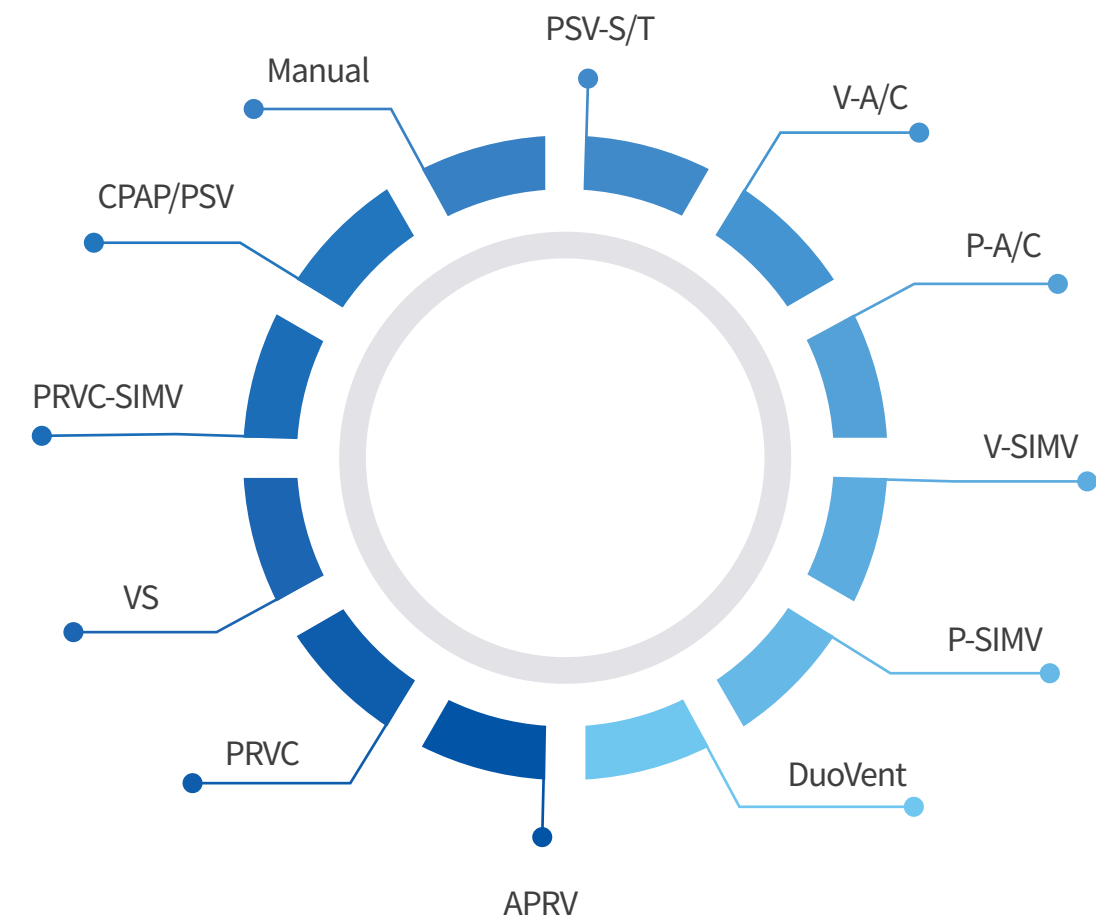


reddot winner 2021

Powerful and Comprehensive

The most comprehensive selection of Ventilation Modes

V3 is equipped with up to 12 ventilation modes to meet various clinical applications. Wide selections including advanced ventilation modes VS & PSV-S/T are available for improving the efficiency of treatment.



The Ventilator that Improves Patient Care

Shorter Duration

Advanced ventilation modes help boost the treatment procedure

No Complication

Secretions suction reduce cross infection
Reduce harm to the trachea

Avoid Reintubation

Advanced ventilation modes improves the efficiency of treatment.

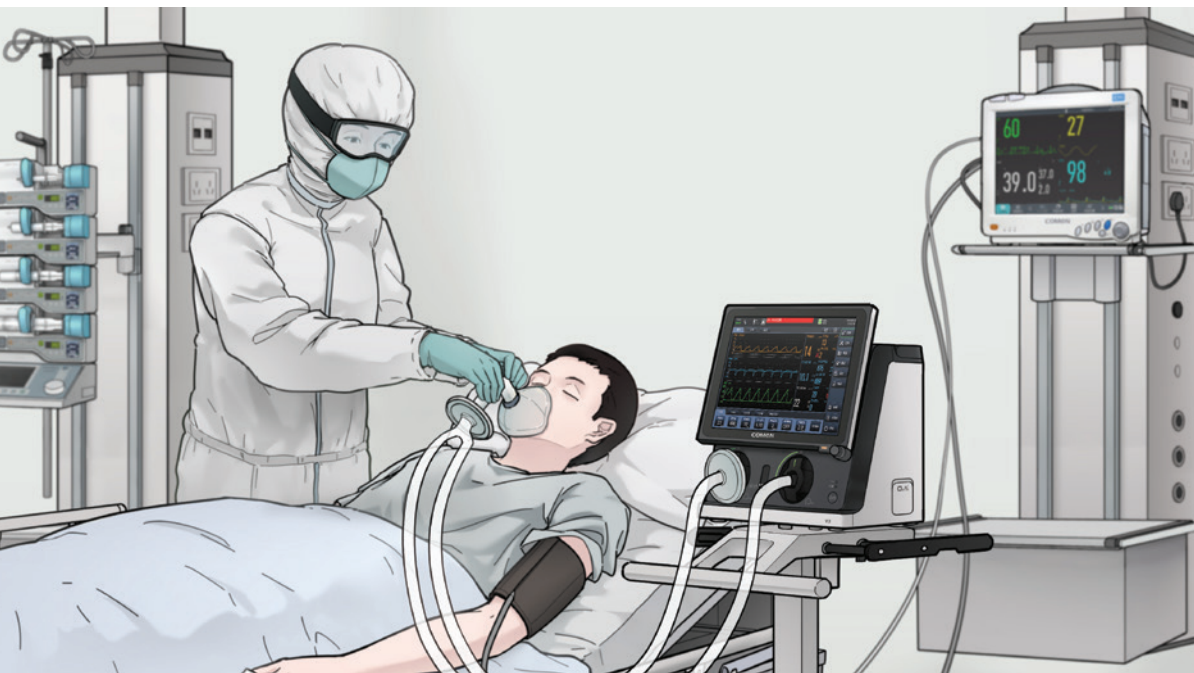
Wide Range of Patient Type

Tidal Volume ranges from 20-2200ml, meets the requirement from infant to adult. From fragile to obesity



Compact and Portable

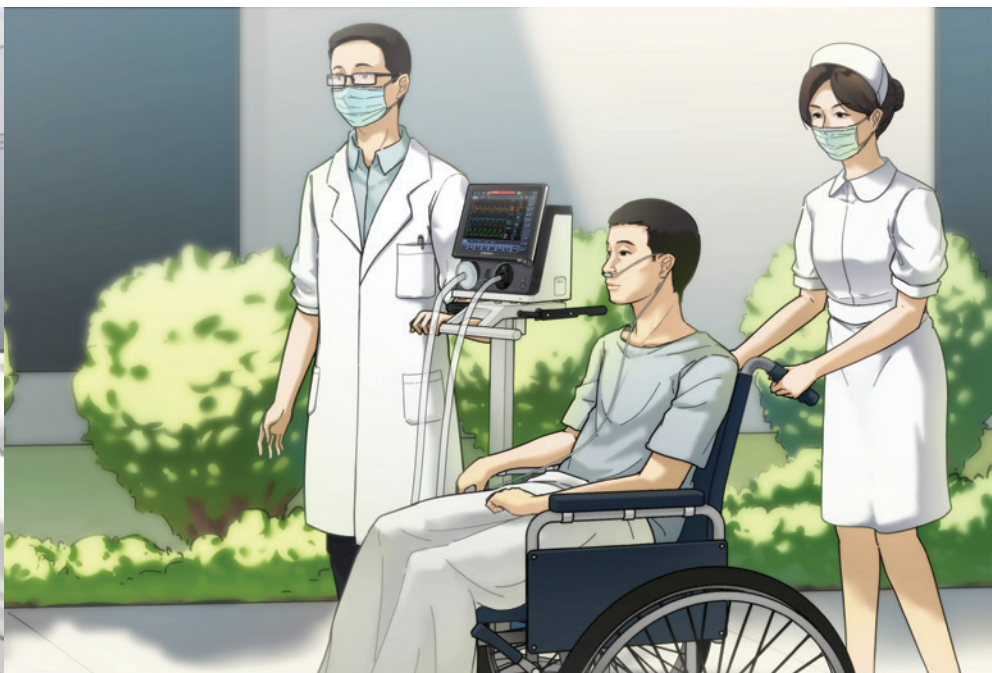
ICU



Intra-hospital transportation



long-term respiratory support



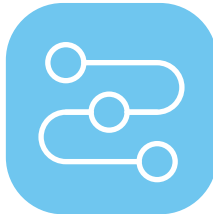
Super Light Weight

V3's weight is down to 10kg, easy to carry and operate



Longer Battery Life

V3's battery supports up to 5h ventilation



Seamless Transition

From invasive to non-invasive to O2 therapy, the V3 takes care of patients' needs with its comprehensive ventilation modes, all the way from admission until discharge.



Internal Turbine Charged

Integrated high-performance turbine provides pneumatic ventilation without air supply



Higher Mobility Trolley

V3 can be mounted both on trolley or transportation bed

Efficient and Comfortable

Advanced tools that help to improve treatment efficiency and comfort treatment process.

Smart

IntelliSynTec

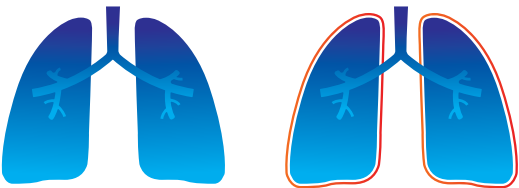
Auto adjust the [expiratory trigger] to the optimal value based on the characteristics of the patient's lungs , which makes breathing more comfortable for the patients and reduces frequent adjustments of the ventilator settings during treatment. This effectively reduces the workload of caregivers while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

ATRC

The pressure can be automatically compensated and adjusted based on the patient's situation, which helps the patient maintain the optimal status. The efficiency of treatment is guaranteed.



Advanced

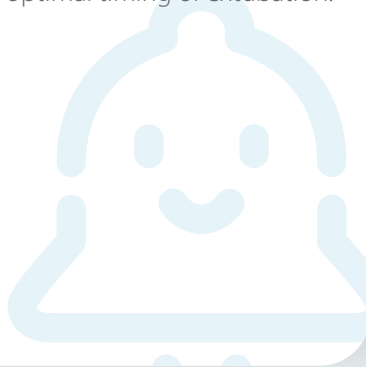


Dynamic Pulmonary View

The dynamic pulmonary view area displays lung compliance, patient triggering and resistance in real time. This anatomical representation greatly facilitates the interpretation of the patient's respiratory status.

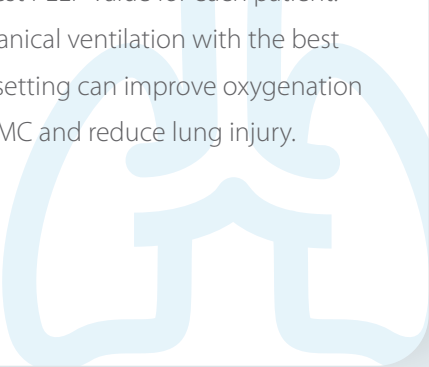
Weaning Indication

By monitoring P0.1*, NIF* and RSBI*, V3 indicates the optimal timing of extubation.



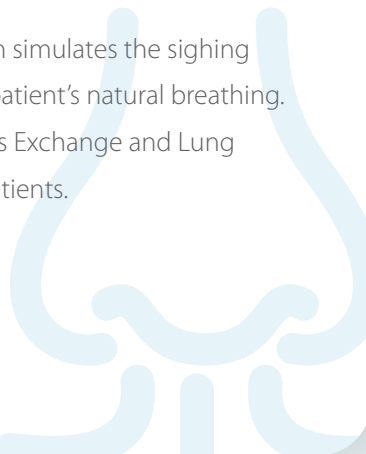
P-V tool

P-V tool helps caregivers to determine the best PEEP value for each patient. Mechanical ventilation with the best PEEP setting can improve oxygenation and LMC and reduce lung injury.



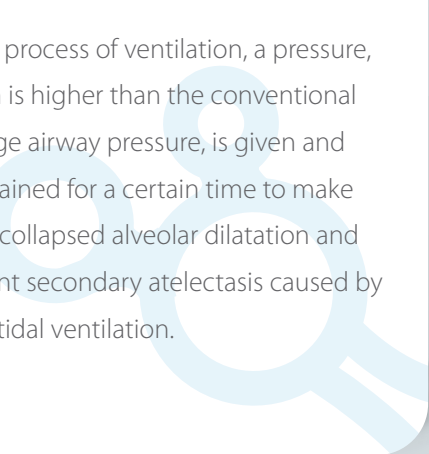
Sigh function

Sigh function simulates the sighing dyspnea of patient's natural breathing. Improves Gas Exchange and Lung Volume in Patients.



Lung Recruit Tool

In the process of ventilation, a pressure, which is higher than the conventional average airway pressure, is given and maintained for a certain time to make more collapsed alveolar dilatation and prevent secondary atelectasis caused by neap tidal ventilation.



* P0.1 refers to the pressure drop within the initial 100ms after the patient begins spontaneous respiration
* NIF refers to the maximum Negative Inspiratory Force produced by the patient's spontaneous breathing in a specified period
* RSBI refers to the ratio of spontaneous respiratory rate to spontaneous expiratory tidal volume

Ease of Use

- A Flippable Screen
- B Hidden Handle
- C 12" Large Screen
- D Capacitive Screen
- E Integrated Navigation Knob
- F Removable Valve
- G O2 Sensor



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.



Intuitive User Interface



Standby Interface



Ventilaion Interface



Alarm Limit Interface



Dual valves for inhalation and exhalation

- Tool-free
- 2-step detachable
- Autoclavable



High-performance turbine provides pneumatic power

- Up to 210L/min
- 20,000 hours life span

Combining Technology and Critical Care

COMEN is able to provide you a most Economical and Reliable ICU Solution by our professional designer and high-quality product

Digital ICU solution

All devices are equipped with large storage and allows the import and export of patient data. Real-time acquisition of patient-parameters from medical devices. Bedside and centralized management

