

COMEN

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V1

Emergency and Transport Ventilator

CE 0598

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P/N: EN-V1-8P-20210616-V1.2



High-Performance Power Unit

The integrated high-performance turbine provides pneumatic performance that can match any compressed-airbased ICU ventilator.

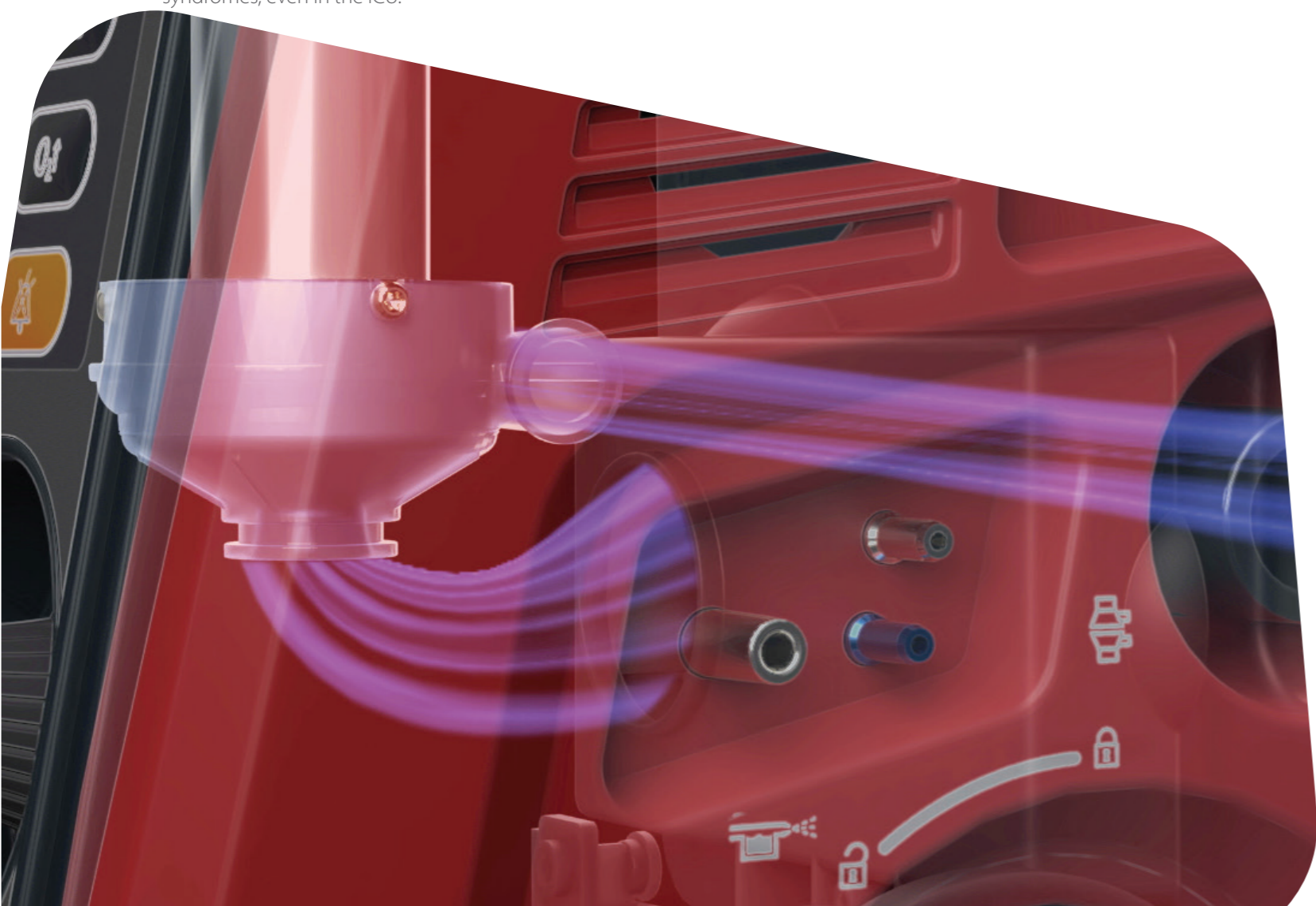
The built-in powerful turbine can not only generate higher pressure but also support continuous O₂ concentration and various auxiliary ventilation tools.

Higher Pressure

The provided inspiratory pressure goes up to 65cm H₂O which sufficiently fulfills the requirements of treatments for patients with different syndromes, even in the ICU.

Less Complications

Proper O₂ concentration avoids the possibilities of complications. V1 can provide smooth adjustment of FiO₂ at any required value.



Compact Sturdy

V1's portable and lightweight design greatly contributes to the flexibility and efficiency of use and its reliable mechanical ventilation plays a crucial role in transportation of patients in critical condition.



6.5 kg

Lightweight design both increases mobility and reduces burden of the operator.

9.3 Hours Battery Life

Operating time is more than 9 hours. Hot-swappable battery is supported to further extend the duration.



V1 partnering with other transport equipment from Comen is a perfect match for the emergency and rescue task.



Specially designed single limb circuit facilitates the operation during the transport process and thus increases treatment efficiency.



EN-1789 Certified

IP24

Equipped with IP24 ingress protection, V1 prevents the penetration of liquid and thus can be applied in complex and extreme outdoor environments.



Study and Long-lasting

Anti-shock Anti-fall

The thick and solid outer shell of V1 can protect itself from falling from a height of 0.75m.

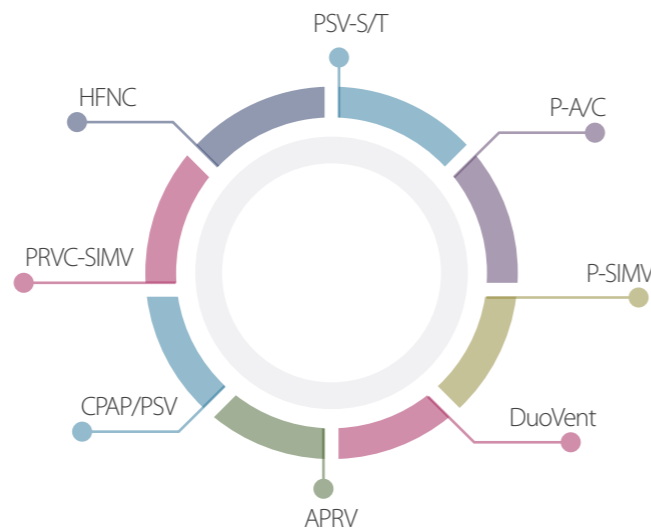
Advanced Tools

ICU-grade support

/01

Most Comprehensive Ventilation Modes

V1 provides same ventilation mode as ICU ventilators. Therefore, it's more adaptive to different patient types and scenarios. V1 truly takes the user experience to a whole new level during the transport process.



/02

Multiple Monitoring Functions

V1 provides high-end monitoring function and auxiliary tools such as the PulmoView and P-V tool.

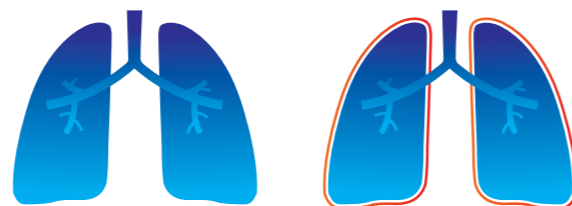
42+ Parameters

Monitoring parameters provides immediate and constant feedback, which allows operator to master real time status of each breath and make quicker clinical decisions.



PulmoView

The PulmoView function is an animated lung that shows compliance, patient trigger and resistance in real time.



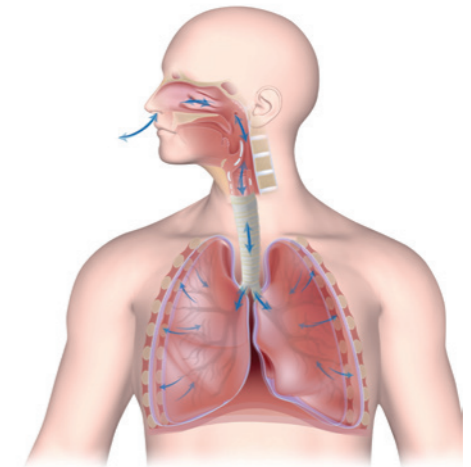
/03

More Efficient Algorithm.

The IntelliSynTec algorithm enables smooth synchronization which help patients breathe more comfortably.

【Auto】 Expiratory Trigger

- Comfort the patient in breathing
- Improve the man-machine synchronization
- Reduce the frequency of ventilator adjustment



Save Time Save Resources Save Lives

ICU grade ventilation allows operator to choose the most suitable mode for patients and thus eventually carry out the most efficient treatment plan.

Less Complications and Reintubation

V1 can realize one-machine respiratory support needs, and therefore patients don't need to experience weaning and re-intubation during the entire transport process, which reduces the possibilities of cross infection.