



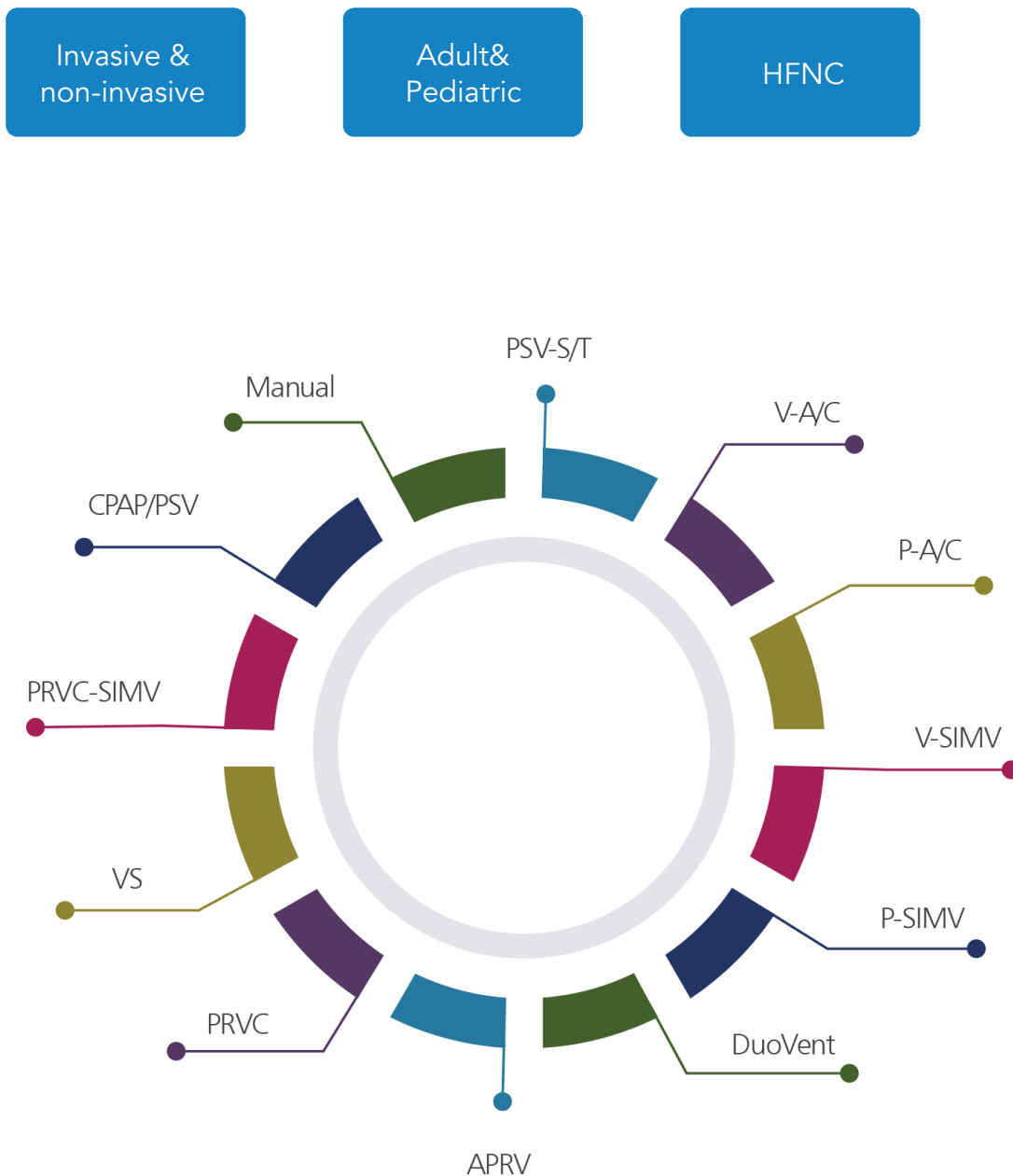
# Respiratory Support Device VENTUS 3000



# Powerful and Comprehensive

## The most comprehensive selection of Ventilation Modes

VENTUS 3000 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 complications

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 15-2200ml, meets the requirement from infant to adult. From fragile to obesity



# Compact and Portable

ICU



Intra-hospital transport



**Super Light Weight**  
VENTUS 3000's weight is down to 9kg, easy to carry and operate



**Longer Battery Life**  
VENTUS 3000's battery supports up to 6h ventilation

ortation



long-term respiratory support



**Internal Turbine Charged**  
Integrated high-performance turbine provides pneumatic ventilation without air supply



**Higher Mobility Trolley**  
VENTUS 3000 can be mounted both on trolley or transportation bed

# Efficient and Comfortable

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

Advanced

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..



## 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\*, VENTUS 3000 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

## Automatic TRC

Tube Resistance Compensation (TRC) automatically adjust the gas supply pressure so that the pressure at the tube end is consistent with the set pressure value on the ventilator as much as possible

\* 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

- Intuitive UI design
- 12" Super Large Screen
- Capacitive Screen



Standby Interface



Ventilation Interface



Alarm Limit Interface



## High Performance Power Unit

---

VENTUS 3000 features well-designed double valves and high-performance turbines to ensure efficient operation of the ventilation.

Tool-free 2-step detachable  
Autoclavable Up to 210L/min  
20,000 hours life span  
VENTUS 3000 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

- Tool-free
- 2-step detachable
- Autoclavable



---

### High-performance turbine provides pneumatic power

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

# Monitoring

SpO<sub>2</sub> and EtCO<sub>2</sub> are two very important indicators for showing patient's status and evaluating the effect of respiratory therapy, doctors can optimize the treatment according to the SpO<sub>2</sub> and EtCO<sub>2</sub> measurement.



**SpO<sub>2</sub>**

**HOSMED  
NELLCOR**

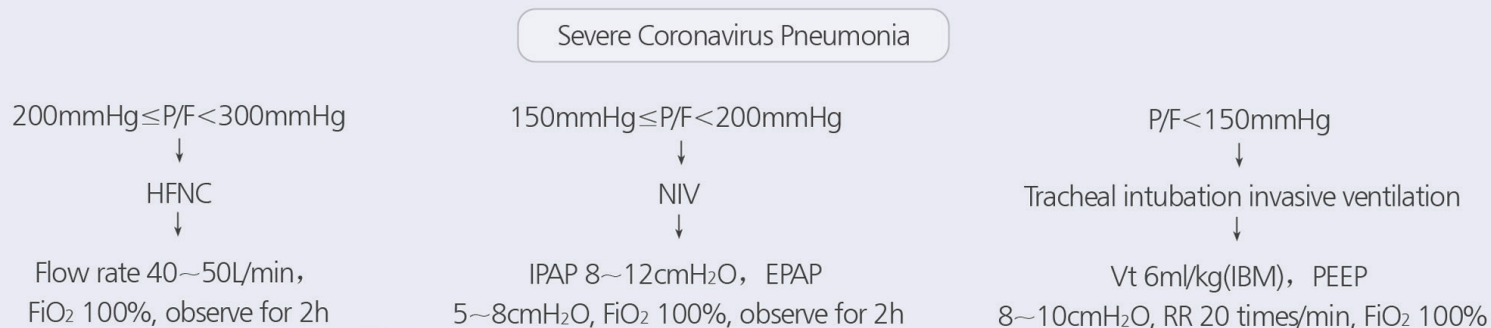


**EtCO<sub>2</sub>**

**Mainstream  
(Volumetric CO<sub>2</sub>)  
Sidestream**

# COVID-19

## Respiratory Management for Coronavirus Pneumonia



Quoted from the American Journal of Medicine (Electronic Edition) "Expert Recommendations on Respiratory Management Procedures for Severe Coronavirus Pneumonia"



3403 NW 82nd Avenue. Suite #102.  
Doral, Florida 33122. USA  
[www.hosmed-inc.com](http://www.hosmed-inc.com)