

SD-H3000A PLUS ICU ventilator  
(EXPORT VERSION)



This ICU ventilator is a kind of pneumatic driven micro-computer controlled ventilator. It is mainly used in VCV, A/C, SIMV, PSV, Spont., MMV, PCV, PEEP, SIGH and other functions. The main components of the ventilator are imported of high quality products, which greatly improves the reliability and stability of the ventilator. The ventilator is reasonable in structure, convenient in operation and reliable in performance, and is suitable for respiratory rescue and treatment in emergency and ICU Wards.

**Main performance and Technical Index**

✧ Ventilation mode: VCV, A/C, SIMV, PSV, Spont., MMV, PCV, SIGH, PEEP.

**Air circuit Performance:**

✧ Maximum safety pressure of air circuit: no more than 6kpa.

✧ Inspiratory oxygen concentration: 40-100%. (With optional air compressor 21~100%)

**Ventilation Performance:**

- ✧ Respiratory rate (f): 4-99 times / min,
- ✧ Inspiratory time (Ti): 0.2-6 s,
- ✧ Breath holding time (Tp): 0-2s,
- ✧ Triggering pressure (Pt): inspiratory triggering pressure is - 2kpa-0kpa,
- ✧ Tidal volume (Vt): 50-2000ml;
- ✧ Maximum minute ventilation volume: not less than 18 L / min.
- ✧ PSV: 0 ~ 5 kPa,
- ✧ PEEP Pressure: 0-3kpa,
- ✧ Inspiratory flow rate: 0-80 L / min.
- ✧ SIMV frequency: 6-60 times / min,
- ✧ Inspiratory pressure: 0-6kpa,

**Alarm Performance:**

- ✧ Pressure High Limit (Ph) alarm: 2 ~ 6kpa, audible and visual alarm.
- ✧ Pressure Low Limit (Pl) alarm: 0 ~ 2KPa, audible and visual alarm.
- ✧ Minute ventilation High Limit (Mvh) alarm: audible and visual alarm when ventilation exceeds the set value.
- ✧ Minute ventilator Low limit (Mvl) alarm: audible and visual alarm when ventilation is lower than the set value.
- ✧ Power off alarm: Power off alarm immediately, and the alarm duration shall not be less than 120s.
- ✧ Mute: no more than 2 minutes.

**Monitoring Performance:**

- ✧ 10.4 inch color LCD
- ✧ Tidal volume (VT): 50 ~ 2000ml
- ✧ Measured total frequency (Ftot), Spont. frequency (Fspont)
- ✧ Minute ventilation (Mv).
- ✧ I: E ratio.
- ✧ Airway pressure (PAW).
- ✧ Peak pressure (Ppeak)
- ✧ PEEP pressure: 0.1 ~ 2KPa
- ✧ Pressure-Time and Flow-Time waveform