

ICU Ventilator SH300



Features

- (1) 10.4" TFT color screen
- (2) Easy setting by navigator wheel knob and touch key
- (3) Wide choice of ventilation modes including CPAP, APRV, BIPAP
- (4) Flow and pressure trigger
- (5) Static compliance and resistance monitor
- (6) PEEP, P-V loop, V-F loop
- (7) Three-level visual and audible alarm, with concise words describing problems
- (8) Advanced built-in electronic air-oxygen mixing device
- (9) Durable and accurate built-in flow sensor
- (10) Integrated expiration valve, easy to be sterilized
- (11) Backup apnea ventilation
- (12) Auto nebulizer

- (13) Built-in battery
- (14) CE certified

Product details

1) Specifications

- (1) Ventilator setting
- (2) Ventilation mode: VCV, PCV, PSV, SIMV-V, SIMV-P, SPONT, CPAP, backup apnea ventilation, APRV, BIPAP (optional)
- (3) Tidal volume: 50~1500ml
- (4) Breath rate: 1~100bpm
- (5) SIMV breath rate: 1~40bpm
- (6) Inspiratory time: 0.1~12s
- (7) Pause time: 0~4.8s
- (8) Pressure trigger sensitivity: (PEEP-20cmH₂O)~PEEPcmH₂O
- (9) Flow trigger sensitivity: 1~20LPM
- (10) PSV: 0~70cmH₂O
- (11) High pressure: 1~80cmH₂O
- (12) Low pressure: 0~79cmH₂O
- (13) Waveforms displayed: P-T, F-T, V-T, P-V loop, V-F loop
- (14) PEEP/CPAP: 0~50cmH₂O
- (15) FiO₂: 21~100%
- (16) P_{supp}: 0~70cmH₂O
- (17) P_{insp}: 5~70cmH₂O
- (18) T_{high}: 0.1~30s
- (19) T_{low}: 0.5~30s
- (20) P_{high}: 5~70cmH₂O
- (21) P_{low}: 0~50cmH₂O
- (22) Alarm silence: ≤120s
- (23) Parameters monitored: VTI, VTE, MV, MVspn, f, fspn, FiO₂, P_{peak}, P_{mean}, P_{plat}, PEEP, P_{min}, Compliance, Resistance
- (24) Interface: RS232, VGA

2) Assist functions

- (1) Freeze: Freeze current screen and suspend real-time data
- (2) Insp hold: 15s max
- (3) Exp hold: 15s max
- (4) O₂ suction: 100% O₂ for 2 minutes
- (5) Manual insp

3) Alarms

- (1) MV-upper limit: 0~99L
- (2) MV-lower limit: 0~99L

- (3) Paw-upper limit: 0.1~8KPa
- (4) Paw-lower limit: 0~7.9KPa
- (5) VTE-upper limit: 0.05~2.00L, OFF
- (6) Rate-upper limit: 0~100bpm
- (7) Rate-low limit: 0~99bpm
- (8) Tapnea: 15~60s
- (9) FiO₂-upper limit: 21~100%
- (10) FiO₂-lower limit: 21~99%
- (11) Main failure, Battery low, Battery discharged, Air/O₂ supply down, Circuit occlusion

4) Power and environmental

- (1) Power: AC110~240V, 50~60Hz, DC 12V, 4.4AH
- (2) Power consumption: 65VA
- (3) Driven mode: Pneumatically driven, electronically controlled
- (4) Air/O₂ supply: Pressure 0.28~0.6MPa >50L/min
- (5) Temperature: Operation 10~40°C; Storage -20~55°C
- (6) Relative humidity: Operation ≤80%, non-condensing; Storage ≤93%, non-condensing
- (7) Atmospheric pressure: Operation 70~106KPa

5) Order information

- (1) Option: Compressor
- (2) Accessories: Power cord, Gas pipeline, Patient circuit, Face mask, Humidifier, Support arm

6) Option

- ☆ 12.1 inch TFT touch screen