

# ICU Ventilator SH300



## Features

- 10.4" TFT color screen
- Easy setting by navigator wheel knob and touch key
- Wide choice of ventilation modes including CPAP, APRV, BIPAP
- Flow and pressure trigger
- Static compliance and resistance monitor
- PEEP, P-V loop, V-F loop
- Three-level visual and audible alarm, with concise words describing problems
- Advanced built-in electronic air-oxygen mixing device
- Durable and accurate built-in flow sensor
- Integrated expiration valve, easy to be sterilized
- Backup apnea ventilation
- Auto nebulizer
- Built-in battery
- CE certified

## Product details

### Specifications

- Ventilator setting
- Ventilation mode: VCV, PCV, PSV, SIMV-V, SIMV-P, SPONT, CPAP, backup apnea ventilation, APRV, BIPAP (optional)
- Tidal volume: 50~1500ml
- Breath rate: 1~100bpm
- SIMV breath rate: 1~40bpm
- Inspiratory time: 0.1~12s
- Pause time: 0~4.8s
- Pressure trigger sensitivity: (PEEP-20cmH2O)~PEEPcmH2O
- Flow trigger sensitivity: 1~20LPM
- PSV: 0~70cmH2O
- High pressure: 1~80cmH2O
- Low pressure: 0~79cmH2O
- Waveforms displayed: P-T, F-T, V-T, P-V loop, V-F loop
- PEEP/CPAP: 0~50cmH2O
- FiO2: 21~100%
- Psupp: 0~70cmH2O
- PInsp: 5~70cmH2O
- Thigh: 0.1~30s
- Tlow: 0.5~30s
- Phigh: 5~70cmH2O
- Plow: 0~50cmH2O
- Alarm silence: ≤120s

- Parameters monitored: VTI, VTE, MV, MVspn, f, fspn, FiO2, Ppeak, Pmean, Pplat, PEEP, Pmin, Compliance, Resistance
- Interface: RS232, VGA

### Assist functions

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

### Alarms

- MV-upper limit: 0~99L
- MV-lower limit: 0~99L
- Paw-upper limit: 0.1~8KPa
- Paw-lower limit: 0~7.9KPa
- VTE-upper limit: 0.05~2.00L, OFF
- Rate-upper limit: 0~100bpm
- Rate-lower limit: 0~99bpm
- Tapnea: 15~60s
- FiO2-upper limit: 21~100%
- FiO2-lower limit: 21~99%
- Main failure, Battery low, Battery discharged, Air/O2 supply down, Circuit occlusion

### Power and environmental

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

### Order information

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

### Option

- 12.1 inch TFT touch screen

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