

## ICU Ventilator S1100A



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Rating: Not Rated Yet

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### Description

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**Electrial Interface:** nurse call, USB, NET, RS232, VGA

Interface Type:

- Main patient outlet: ISO 22M/15F
- Oxygen inlet: DISS or NIST male

### Display

- Display size: 15.6 in diagonal
- Display type: active matrix color TFT LCD
- Display resolution: SVGA resolution, 1366 x 768

### Controls

- Fully electronic control
- Ventilation type: Blower
- Ventilation modes: A/C-VCV, A/C-PCV, A/C-PRVC, SIMV-VC, SIMV-PC, SIMV-PRVC, BIPAP, APRV, CPAP, CPAP-VG, NIV, IV.
- Special functions: manual breath, O<sub>2</sub> therapy, standby, screen-lock, inspiratory hold, expiratory hold, sigh, ATC, PCVR, PPS, Compliance, p<sub>0.1</sub>, calibrate, nebulizer, O<sub>2</sub> suction.
- Patient types: Adult/Pediatric/Neonate
- Patient height: Adjustable

### Monitoring

- Real-time waveforms: Paw, Flow, Volume, EtCO<sub>2</sub>, SP0<sub>2</sub>
- Optional: CO<sub>2</sub>, SP0<sub>2</sub> (related parameters)
- Loops: P-V, V-Flow, Flow- P

- Trends: 1s, 5s, 1min, 10min, 30min, 60min
- Tidal volume: 5 to 2000mL
- PEEP/CPAP: 0 to 30 cmH2O
- Oxygen: 21 to 100%
- I:E ratio: 1:10 to 4:1
- Inspiratory time (TI): 0.2 to 5 s
- Flow trigger: 0.2 to 15 l/min
- Pressure trigger: -0.5 to -20cmH2O
- Pressure control: 5 to 90 cmH2O, added to PEEP/CPAP
- Pressure support: 0 to 90 cmH2O, added to PEEP/CPAP
- Pressure ramp: 0 to 2s
- Expiratory trigger sensitivity (ETS): OFF, 5 to 90 % of inspiratory peak flow
- Peak flow Spontaneous: >210 L/min

## Electrical and gas supplies

- Input voltage: 100 to 120 V ~ ± 10 %, 50 / 60 Hz AC or 24 VDC ±10%
- Power consumption: 50 W typical
- Protection class: Class I
- Backup battery: 2 batteries(5200mAh each)/ hot swappable
- Oxygen supply: 280 to 600 kPa (41 to 87 psi), 120 L / min
- Low pressure: oxygen <15 L / min, max. 600 hPa for low pressure

## Alarms

Operator-adjustable:

- Low/high minute volume, low/high pressure, low/high tidal volume, low/high rate, apnea time, low/high oxygen
- Optional: low/high CO2, low/high SP02
- Special alarms: oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power supply batteries, gas supply
- Loudness Adjustable: 1 to 9
- Event log: storage and display of up to 1000 events with date and time stamp

## Physical dimensions

- Weight: < 45.3 kg
- Dimensions(WxHxD): Approx. 600x402x415mm