**LH8800 Ventilator**



**specific**

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| **Model** | **LH8800** |
| Ddiplay | 10.4”LCD screen |
| Ventilation Mode | VCV/IPPV、PCV、SIMV、PSV、CPAP、BIPAP、SIGH、PEEP |
| Gas Source | O2: 280Kpa-500Kpa |
| Air:280Kpa-500Kpa |
| Power Source | AC：100V-240V 50/60Hz |
| Features | * Gas - Electricity separation design ensures safe operation;
* Wide application to adults, children;
* Exhalation valve can be disassembled and disinfected, which avoids cross-infection;
* Seamless switching of invasive and non-invasive ventilation mode;
* High integrated modular design of the gas circuit greatly reduces gas leakage , gas loss of system dead space and system compliance and responds rapidly;
* Proportional valve with high speed and high precision sends air quickly and accurately, which improves the man-machine synchronization, reduces the consumption of additional respiratory power, provides patients with comfortable excellent breathing;
* Intelligent identification of off tube, blocking and other conditions ensures the safety of patients;
* Optional: humidifier, medical air compressor.
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| Tidal Volume | 20ml～2000ml |
| Volume/min | ≥18 L/min |
| Breath Time | 0.3-6s |
| Pressure control | 1—50cmH2O |
| I:E | 10:1-1:10 |
| Breathing Rate | 0.5-100Times/min |
| Inspiratory trigger mode | Pressure & Flow |
| Inspiratory pressure trigger | -20 cmH2O～0 cmH2O |
| Flow Trigger | 0～20L/min |
| Maximum safe pressure | ＜125 cmH2O |
| Inspiratory rise time | 0.1—2.0s |
| Sign Pressure | 0～25 cmH2O |
| Pressure Range | 10～60 cmH2O |
| PEEP | 0-25cmH2O |
| Asphyxiation backup ventilation time | 10-60s |
| Oxygen adjusting range | 21%-100% |
| Monitoring Function | VT, MV, FREQ, FiO2%, Paw, CL , Flow[L/min], Pa[kPa]，waveform |
| Alarm Function | * Upper and lower airway pressure limit alarm
* Gas pressure shortage alarm
* Upper and lower minute ventilation volume limit alarm
* Upper and lower tidal volume limit alarm
* Respiratory rate alarm
* Oxygen concentration alarm
* Low battery alarm
* Asphyxiation alarm
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| Battery | Built-in high capacity battery can ensure the machine working continuously not less than 8 hours |