Product Sheet

Ventilator

Standard Model

Advanced Model

Common Features

- Operating Modes: Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
- Pneumatically driven electrically controlled ventilator, can be used for emergency clinical resuscitation and respiratory therapy
- Nonhazardous environmentally friendly frame, precise construction, elegant design, equipped with automated self-checking function during startup and an automatic self-calibrating sensor
- Display: Built-in 10.4 inch high visibility color TFT display, able-simultaneously display Pressure-Time and Frequency-Time waveforms in real time
- Sigh: Ability to insert 1-8 sigh breaths in every 100 breaths, ventilation should be no less than 1.5 the tidal volume
- Equipped with infrared turbine flow sensor; precisely measures gas flows, stable and reliable
- Power Failure Support Functions: Automatically converts-standby mode during AC power outages
- 9 Level adjustable humidifier
- Monitor Parameters: tidal volume, respiration rate, airway pressure, I:E ratio, inspiratory & expiratory status, inspiratory trigger and others
- Alarms: Audible and/or visual alarms for ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure and other alarms, also features a alarm history query function

Advanced Model Exclusive Features

- Equipped with professional medical grade air compressor tailored for long clinical times and low noise requirements

Air Compressor

- Air Compressor: 220V AC±10%, 50±1Hz, 700VA, also features good protective grounding against electrical activity
- Output Gas Pressure: 0.4MPa±20%
- Continuous output gas flow greater than or equal to 20L/min
- Instantaneous output gas flow great than equal to 60L/min

Specifciations

	Standard Model	Advanced Model
Display	10.4 inch TFT display	
Material	ABS and Metal	
Tidal Volume	Adjustment Range: 50~1500 mL	
Ventilation Mode	IPPV、SIPPV、IMV、SIMV、MANUAL	
Minute volume	≥ 18 L/min.	
Output gas oxygen concentration	45%-100%	21%-100%
Respiration Frequency	1~99 bpm	
SIMV Frequency	1~20bpm	
I:E Ratio	4:1~1:4	
Inspiratory Pressure Trigger	－1.0 ～ 1.0kPa	
PEEP Range	0 ～ 1kPa	
SIGH	1 to 8 times adjustable per 100 respiration cycles, the tidal volume should be no less than 1.5 times of the setting tidal volume	
Pressure limit range	1.0~6.0kPa	
Gas Supply Requirement	280~600kPa medical greade oxygen and air source	
Alarm	Tidal volume, Airway pressure, Power failure, Oxygen failure,Oxygen concentration,etc	
Backup Power Supply	Yes	