



PA 700B

Ventilator



**PA-700B
(Standard 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

Specifications



**PA-700B
(Advanced Model)**

Model	PA-700B (Standard Model)	PA-700B (Advanced Model)
Display	10.4 inch high visibility color TFT display	
Ventilation Mode	A/C, IPPV, SIPPV, IMV, SIMV, Standby, SPONT, MANUAL	
Minute Volume	Greater than or equal to 18L	
Back-up Power Supply	At least 4 hours	
Tidal Volume	Adjustable range: 50-1500ml, Display range: 0-2000ml	
Respiratory Rate	1-99bpm	
Inspiratory/expiratory (I:E) Ratio	4:1-1:4	
PEEP	0-10cmH ₂ O	
SIMV Rate	1-20bpm	
Inspiratory Pressure Trigger	-10-10cmH ₂ O	
Inspiratory Plateau	Adjustable from 0-50% of inspiratory time	
Adjustable Oxygen Concentration	45-100%	21-100%
Gas Supply Requirement	280~600 kPa medical grade oxygen and compressed air	
Pressure Limit	1.0kPa~6.0kPa	
Maximum Safe Operating Pressure	≤6.0kPa	
Tidal Volume Alarm	Upper Limit: 10~2000ml, Lower Limit: 0~1800ml	
Airway Pressure Alarm	Upper Limit: 0.1~6kPa, Lower Limit: 0~5kPa	
Oxygen Concentration Alarm	Upper Limit: 22~100%, Lower Limit: 21~80%	