

PA 900B TECHNICAL SPECIFICATION

General Specifications

Patient type	Adult, pediatric & neonatal patients
Dimensions (H x W x D)	120 cm x 65 cm x 50 cm
Weight	44 kg
Power	220-240 V, 50-60 Hz (well grounded)
Backup power	At least 30 minutes, nominally between 2 to 4 hours
Display	10.4 inch TFT display

Ventilator

Tidal volume	Adjustable range: 20-1500 ml, Display range: 0-2000 ml
Respiratory rate	1-99 bpm
Inspiratory pressure limit	5-70 cmH2O
Ventilation modes	Manual, Spontaneous, Assist/Control (A/C), Intermittent Positive Pressure Ventilation (IPPV), Synchronized Intermittent Positive Pressure Ventilation (SIPPV), Volume Controlled Ventilation (VCV), Synchronized Intermittent Mandatory Ventilation (SIMV), Pressure Synchronized Intermittent Mandatory Ventilation (P-SIMV) Pressure Control Ventilation (PCV), Pressure Support Ventilation (PSV), Continuous Positive Airway Pressure (CPAP)

Minute volume

Flow: 1-10 L/min, Pressure: -10-10 cmH2O

Trigger Sensitivity

Flow: -1-20 bpm

SIMV Rate

4-1-14

Inspiration/Expiration ratio (I:E)

0.1-2.0 s

Inspiratory time

0-10 cmH2O

PEEP

3-40 cmH2O

Oxygen & AIR Inlet pressure range

280-600 kPa

O2 concentration

45-100 %

SIGH

1-8 per 100 breaths (tidal volume set at 15 x)

Humidifier

Humidifier 9 level adjustable nebulization

Other Specifications

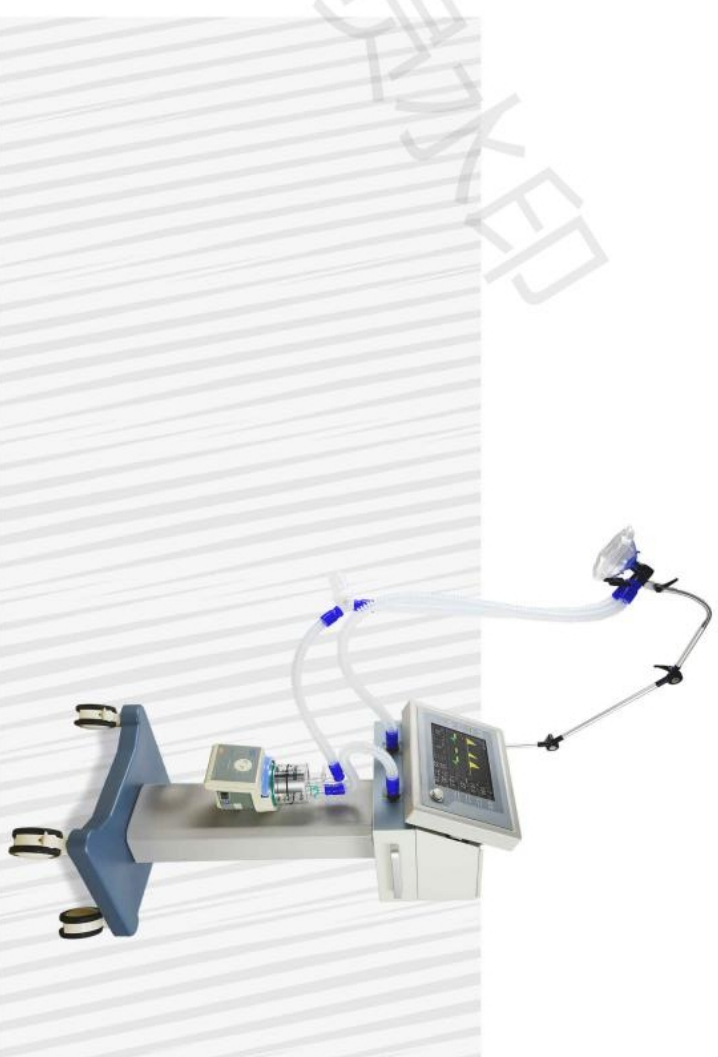
Monitoring Tidal volume (Inspiration & expiration), minute volume, control frequency, spontaneous respiration rate, airway pressure, I:E, Inhalation & exhalation status, Inspiratory trigger, Inhaled oxygen concentration, PEEP, airway resistance, lung compliance & more

Alarm

Audible and/or visual alarms for intubation disconnection, tidal volume, ventilation volume, oxygen concentration, asphyxia, airway pressure, low oxygen, power failure & more, also features a alarm query function

PA 900B MEDICAL VENTILATOR

Superior Ventilation From Experience



Support

Diligence

Proficiency

Promoting Excellence Through Design

Built from nonhazardous environmentally friendly material, the precisely constructed and elegantly designed PA 900B provides an ergonomic and easily movable mechanical ventilator that requires only the bare minimum of operating space.

Committed to quality ventilation

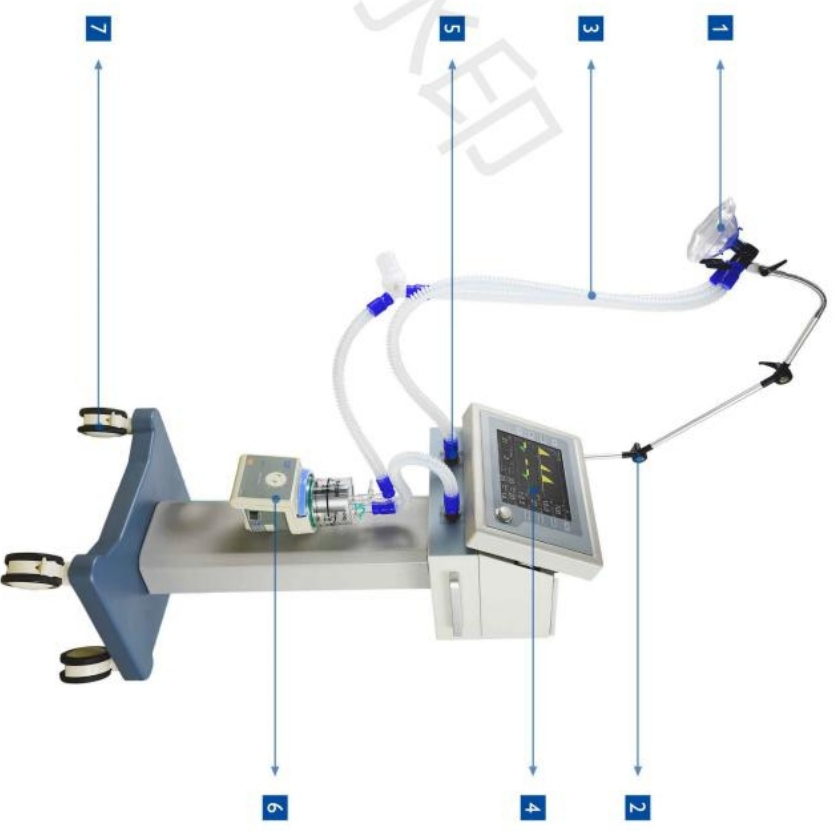
Striking the right balance between performance & price is key to delivering great health care, so why compromise when you can have more for less?



At Puao Medical, we recognize the crucial role that mechanical ventilation plays in the complex world of modern healthcare. We understand there are numerous challenges ranging from raising patient throughput, medicinal shortages, cost overruns and the need to keep abreast of developments in an evolving discipline.

Thus, the need to achieve an efficient yet cost-effective method for quality respiratory care is a growing concern in many clinics, hospitals and other medical establishments around the world. This is why finding a solution that strikes the right balance between price & performance requires both expertise and experience.

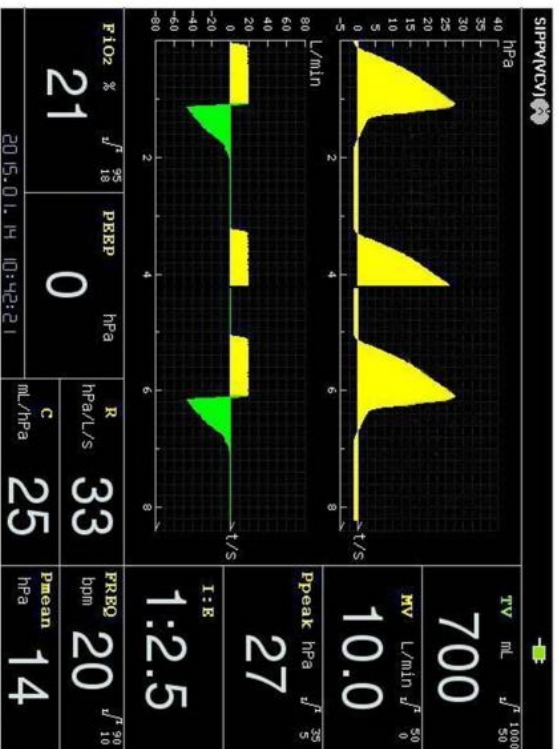
With over 40 years of experience designing, developing and manufacturing anesthesia ventilation equipment, Puao Medical has that expertise, we understand your challenges and we developed the PA 900B medical ventilator specifically to meet your ventilation needs.



- 1 Lightweight reusable clear breathing mask
- 2 3 section articulated adjustable support arm
- 3 Flexible easy-to-secure breathing circuit
- 4 Built-in high visibility 10.4 inch TFT color display
- 5 Integrated quick response electronic flow sensors
- 6 9 level adjustable humidifier
- 7 Swivel wheels with caster contact brakes

Comprehension At A Glance

The built-in 10.4 inch TFT color display offers a simple and convenient method for users to view detailed relevant patient status information in a timely and easily accessible manner.



I Real time status indication

In the medical environment, its often critical to stay abreast of changes and developments in information. This is why we created a display system for the PA 900B, that succinctly and clearly provides real time notifications on the status of the patient, the alarms, the ventilation process, as well as the ventilator itself.

III Intuitive UI display

The trimmed down intuitive user interface of the PA 900B designed with accessibility and convenience in mind, allows users to effortlessly toggle between patient parameters, system settings, Pressure-Time, Flow-Time, Pressure-Volume and Flow-Volume waveforms at the touch of a button.



ICU quality ventilation

The PA 900B adapts Pao Medical's patented ventilator technology to deliver versatile proven high quality ventilation performance.

VENTILATION MODES:

- Controlled Ventilation
 - Pressure & volume
 - Comprehensive respiration control
- Assist/Control Ventilation
 - Steady dependable tidal cycling
- Intermittent Mandatory Ventilation
 - Precise rapid breath rescheduling
 - Synchronized & pressure-synchronized
- Pressure Support Ventilation
 - Adaptive proportional assistance
- Continuous Spontaneous Ventilation
 - Completely unassisted & patient driven
- Continuous Positive Airway Pressure
 - Multi-level pressure relief settings
- And More

Accessories & Other Components

Aside from its core components, the PA 900B also features an automated startup self-checking function, can reflexively convert to backup power mode during outages and comes equipped with an automatic self-calibrating sensor as well as an imported respiratory control valve for added efficiency.

Features You Can Relay On

3 section support arm

Mounted robust fully adjustable articulated support arm devised to provide greater stability and improved convenience.



Adjustable SH 330 humidifier

Adjustable 9 level professional medical humidifier, ensures smoother and more consistent gas nebulization.



Compact versatile design

The ergonomic lightweight frame and compact design choices allows for greater effectiveness & utility.



Gas Connecting Tubes
Sturdy easily identifiable color coded gas connecting tubes.



Electronic Flow Sensor
Promotes more reliable, stable and rapid gas flow response times.



Gas Pressure Regulators
Industry standard cylinder style brass gas pressure regulators.



Medical Oxygen Sensor
Sturdy precision sensor for quick & accurate oxygen concentration readings.



Clear Breathing Masks
Comfortable lightweight reusable breathing masks, available in all sizes.



Breathing Circuit Tubes
Reusable breathing circuit tubes, available in adult, pediatric & neonatal lengths.

The PA 900B also includes a broad selection of other accessories for you to choose from:

- Manual breathing bag
- Battery
- Power cords
- Disposable breathing masks
- Disposable circuit tubes
- Swivel wheel with brakes
- Swivel wheel without brakes