

General Specifications

Patient type	Adult & pediatric patients
Dimensions (H x W x D)	124 cm x 67 cm x 60 cm
Weight	77 kg (with PA air compressor attached)
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: 50-1500 ml, Display range: 0-2000 ml
Respiratory rate	1-99 bpm
Inspiratory pressure limit	10-60 cmH ₂ O
Ventilation modes	Manual, Spontaneous, Standby, Assist/Control (A/C), Intermittent Positive Pressure Ventilation (IPPV), Synchronized Intermittent Positive Pressure Ventilation (SIPPV), Intermittent Mandatory Ventilation (IMV), Synchronized Intermittent Mandatory Ventilation (SIMV)
Minute volume	≥ 18 L/min BTPS
Trigger Sensitivity	Pressure: -10-10 cmH ₂ O
SIMV Rate	1-20 bpm
Inspiration/Expiration ratio (I:E)	4:1-1:4
Inspiratory time	0.1-2.0 s
PEEP	0-10 cmH ₂ O
Oxygen & AIR inlet pressure range	280-600 kPa
O ₂ concentration	21-100 %
SIGH	1-8 per 100 breaths (tidal volume set at 1.5 x)

Compressor & Humidifier

Humidifier	9 level adjustable nebulization
Compressor power	220 V, 50 Hz 700 VA (well grounded)
Compressor gas pressure	0.3-0.5 MPa
Output gas flow	Continuous ≥ 20 L/min , Instantaneous ≥ 60 L/min

Other Specifications

Monitoring	Tidal volume, 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 ventilation volume, tidal volume, oxygen concentration, asphyxia, airway pressure, intubation disconnection, low oxygen, power failure & more, also features a alarm query function

PA 700B Adv. MEDICAL VENTILATOR

Superior Ventilation From Experience



Quality Technology Ensures The Future

ABOUT US

Puaao Medical has been a trusted name in anesthesia ventilation related equipment development for over 40 years. Operating from our 20,000 sqm facility in Nanjing, our highly experienced team is dedicated to providing the best quality service & products to all our clients.

CONTACT INFO

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Support

Diligence

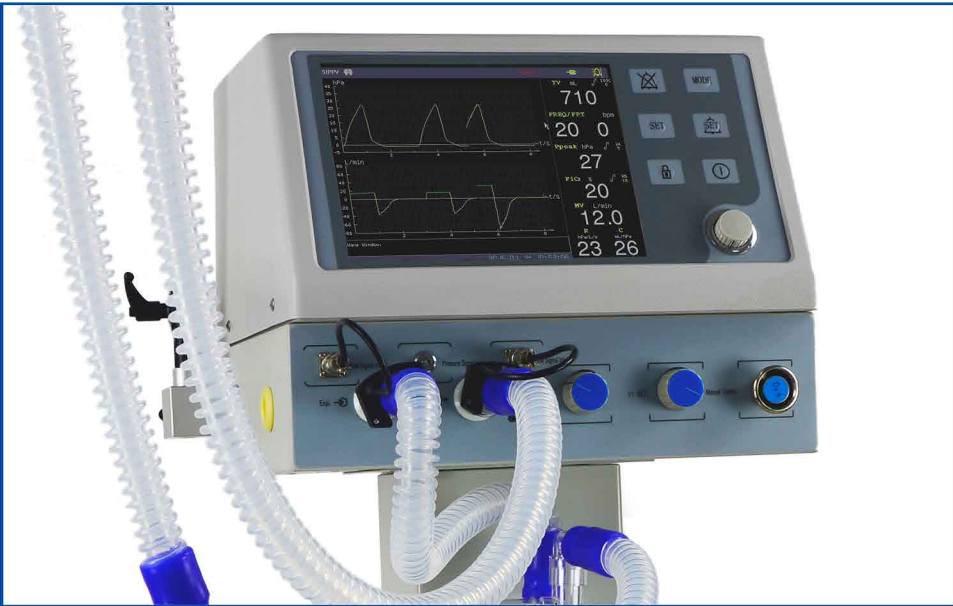
Proficiency

Promoting Excellence Through Design

Built from nonhazardous environmentally friendly material, the precisely constructed and elegantly designed PA 700B Adv. provides an ergonomic and easily movable mechanical ventilator that requires only the bare minimum of operating space.

Designed for respirotary care

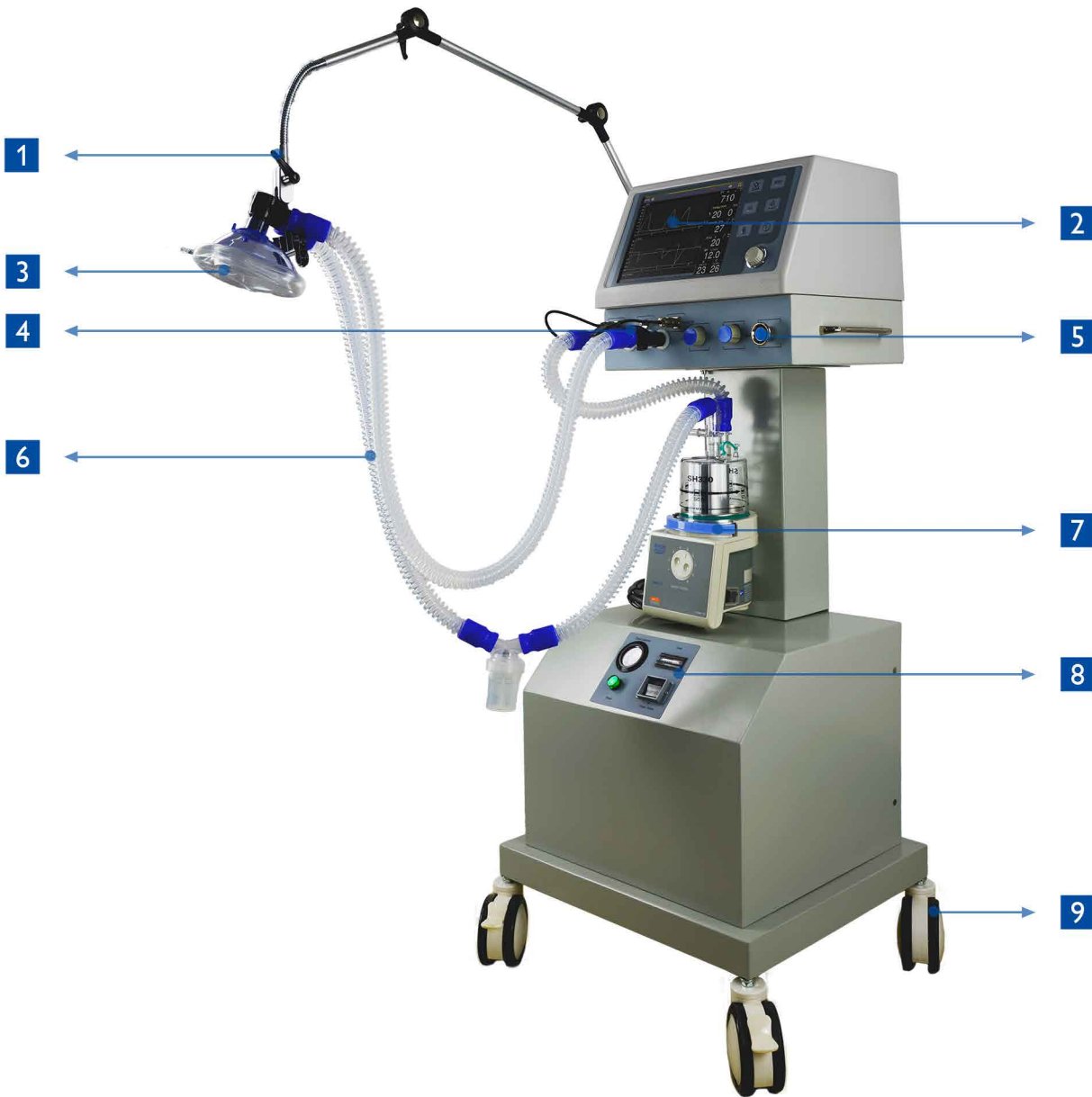
Looking for high-caliber mechanical ventilation that delivers competent responsive respiration thearpy, that doesn't break the bank?



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.

Therefore, in order to meet these challenges, the modern mechanical ventilator requires more than simple functionality, it needs to be able to precisely deliver what the patient needs. Therefore, finding the right solution that strikes the right balance between reliability & appropotieness demands both experience and expertise.

With over 40 years of experience designing, developing and manufacturing anesthesia ventilation equipment, Puao Medical has that expertise, we understand your challenges and we created the PA 700B Adv. medical ventilator to provide you with the perfect medium between service and security.



- 1

3 section articulated adjustable support arm
- 2

Built-in high visibility 10.4 inch TFT color display
- 3

Lightweight reusable clear breathing mask
- 4

Quick response infrared flow sensors
- 5

Oxygen flush release
- 6

Flexible easy-to-secure breathing circuit
- 7

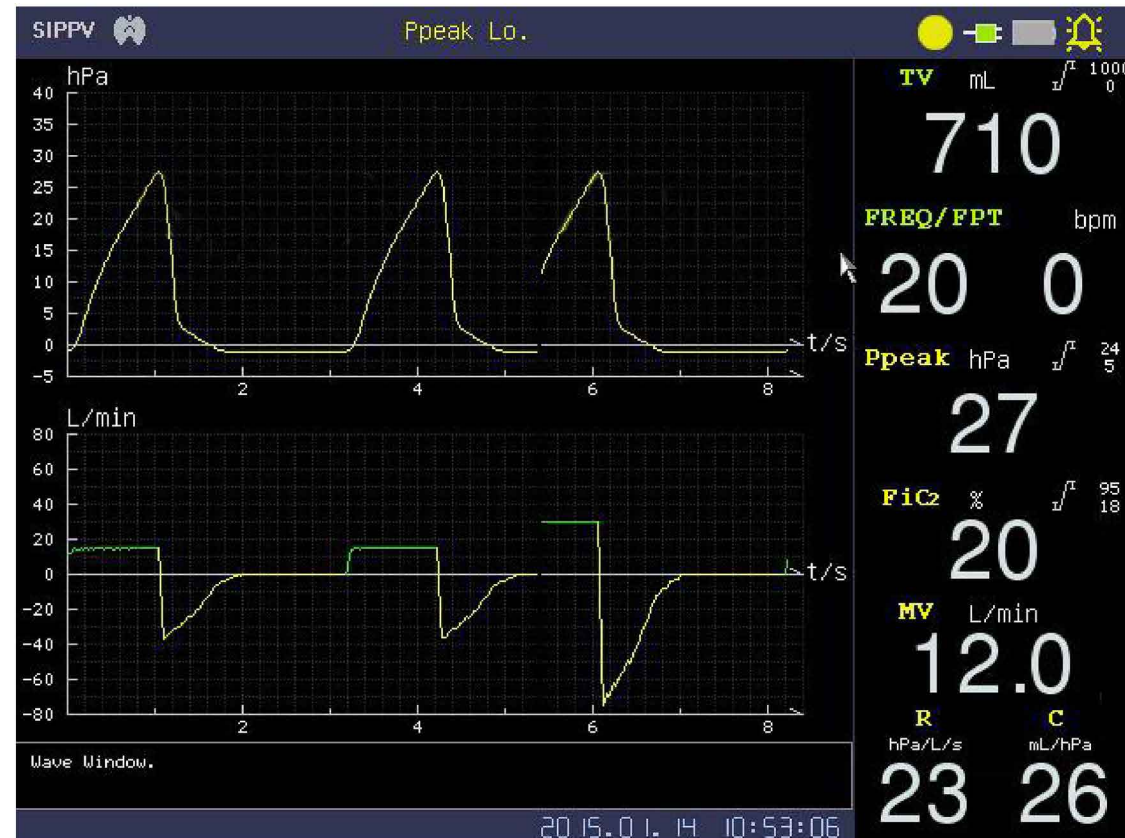
9 level adjustable humidifer
- 8

Professional medical grade air compressor
- 9

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, it's often critical to stay abreast of changes and developments in information. This is why we created a display system for the PA 700B Adv., 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.

II Intuitive UI display

The trimmed down intuitive user interface of the PA 700B Adv. designed with accessibility and convenience in mind, allows users to effortlessly toggle between patient parameters, system settings, Pressure-Time and Flow-Time waveforms at the touch of a button.

ICU quality ventilation

The PA 700B Adv. adapts Pua Medical's patented ventilator technology to deliver versatile proven high quality ventilation performance.

VENTILATION MODES:

- Intermittent Positive Pressure Ventilation
 - Standard & synchronized
- Intermittent Mandatory Ventilation
 - Precise rapid breath rescheduling
 - Standard & synchronized
- Continuous Spontaneous Ventilation
 - Completely unassisted & patient driven
- Standby Ventilation
 - Simple trouble-free disconnection
- Assist/Control Ventilation
 - Steady dependable tidal cycling
- And More



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.



Medical grade air compressor

The sturdy compact framework & insulated design are perfect for long clinical times and low noise environments.



Accessories & Other Components

Aside from its core components, the PA 700B Adv. 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.



Gas Connecting Tubes

Sturdy easily identifiable color coded gas connecting tubes.



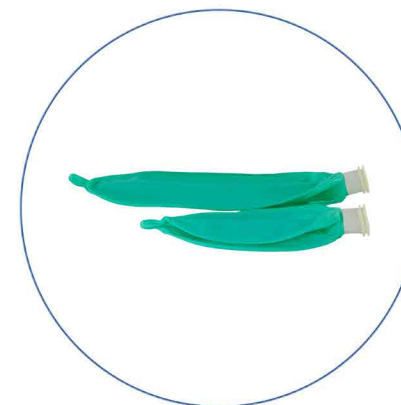
Infrared Flow Sensor

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



Gas Pressure Regulators

Industry standard cylinder style brass gas pressure regulators.



Manual Breathing Bag

Robust rubber reservoir bag, available in adult and pediatric sizes.



Clear Breathing Masks

Comfortable lightweight reusable breathing masks, available in all sizes.



Breathing Circuit Tubes

Reusable breathing circuit tubes, available in adult and pediatric lengths.

The PA 700B Adv. also includes a broad selection of other accessories for you to choose from:

- Battery
- Disposable breathing masks
- Disposable circuit tubes
- Swivel wheel with brakes
- Swivel wheel without brakes