

Qtec 350 ANESTHESIA MACHINE

Qtec 350 TECHNICAL SPECIFICATION

General Specifications

Dimensions (H x W x D)	128 cm x 95 cm x 53 cm
Weight	95 kg (with 2 PA-80 vaporizers attached)
Power	220-240 V, 50-60 Hz (well grounded)
Backup power	At least 30 minutes, nominally between 2 to 4 hours
Display	LED alphanumeric display

Ventilator

Drive method	Pneumatically driven & electronically controlled, closed, semi-closed and semi-open
Tidal volume	Adjustable range: 50-1500 ml, Display range: 0-2000 ml
Respiratory rate	4-40 bpm
Operating modes	Manual, Standby, Intermittent Positive Pressure Ventilation (IPPV), Synchronized Intermittent Positive Pressure Ventilation (SIPPV)
Pressure trigger	-10-10 cmH ₂ O
Inspiration/Expiration ratio (I:E)	1:1.5-1:3.0

Gas System

Flowmeter	O ₂ : 0.1-10 L/min, N ₂ O: 0.1-10 L/min
Fresh-gas flow	0-10 L/min
Gas supply	O ₂ , N ₂ O: 0.32-0.6 Mpa
O ₂ flush	25-75 L/min
Anesthesia Gas Scavenging System (AGSS)	Optional

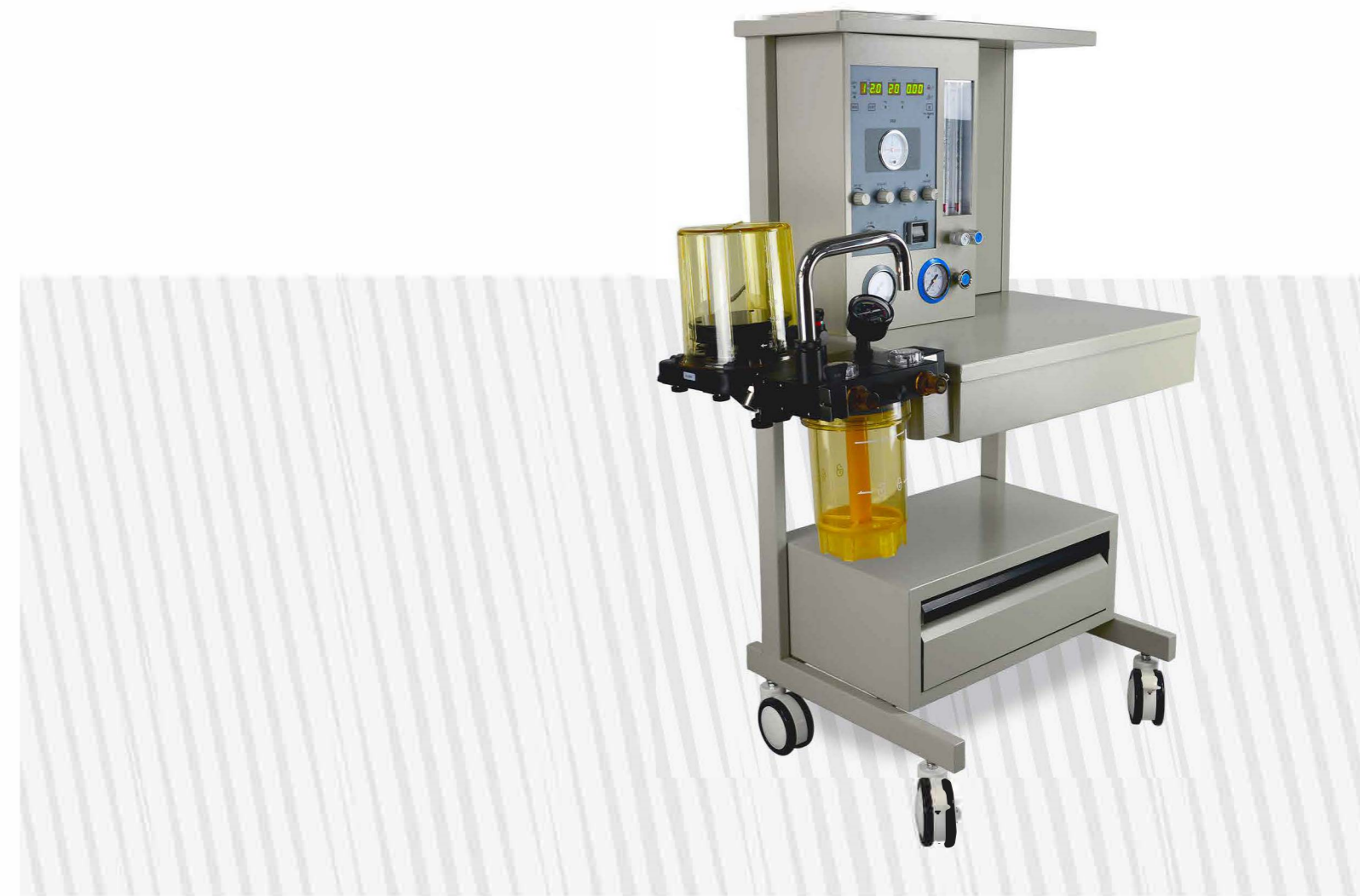
Other Specifications

Monitoring	Monitorable parameters: Tidal Volume (VT), breathing frequency, peak pressure, airway resistance, power supply
Alarm	Audible and/or visual alarms for tidal volume, airway pressure, power failure, oxygen failure & more
Vaporizers	1-2 Q series (Selectatec® compatible) vaporizer mounts
Vaporizer concentration	0-5 %
Absorber volume	1.5 L



Qtec 350 ANESTHESIA MACHINE

Superior Anesthesia From Experience



Support

Diligence

Proficiency

Promoting Excellence Through Design

Equipped with a fully metallic frame, the precisely constructed and elegantly designed Qtec 350 provides an ergonomic and easily movable anesthesia machine that requires only the bare minimum of operating space.

No nonsense anesthetic delivery

The QTEC 350 was designed to provide a no nonsense inexpensive anesthetic alternative, that eschews bell-and-whistles for simple functionality.



At Qtec Medical, we recognize the crucial role that anesthesia delivery 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, as modern healthcare environments become increasingly fixated on providing more for less. The challenges you face likewise also continue to grow, making it more and more difficult for you to administer anesthetic solutions, that favors simple economy over needless extravagance.

With over 40 years of experience designing, developing and manufacturing anesthesia ventilation equipment, Pua Medical understands your concerns, and we tailored the Jinling O1 anesthesia machine to provide you with a no-frills anesthetic workstation that is both simple and inexpensive.



- 1 Built-in high visibility LED alphanumeric display
- 2 1-2 Selectatec® compatible anesthetic vaporizer slots
- 3 Integrated high precision 2 tube flowmeter
- 4 Oxygen flush release
- 5 Gas pressure display gauges
- 6 Anesthetic breathing circuit system with attached bellows & soda lime tank
- 7 1 large multipurpose drawer
- 8 Swivel wheels with caster contact brakes

Comprehension At A Glance

The built-in high visibility LED alphanumeric display offers a simple and convenient method for users to view detailed relevant patient status information in a timely and easily accessible manner.



I ICU quality ventilation

The Qtec 350 patented ventilator technology to deliver versatile proven high quality ventilation performance. Available ventilation modes include Synchronized Intermittent Positive Pressure Ventilation (SIPPV), Intermittent Positive Pressure Ventilation (IPPV) & more.

II Real time alerts 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 Qtec Medical, that succinctly and clearly provides real time alerts on the status of the patient, alarms, the ventilation process and anesthesia machine itself.

Breathing Made Simple



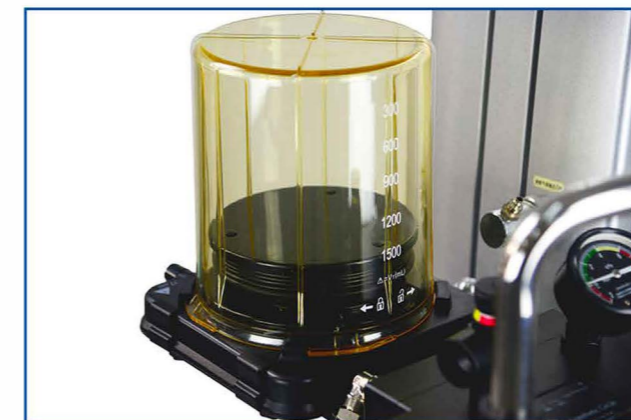
Our integrated breathing circuit system combines an ascending bellows, soda-lime CO₂ absorber and respiratory circuit in one compact user friendly system.



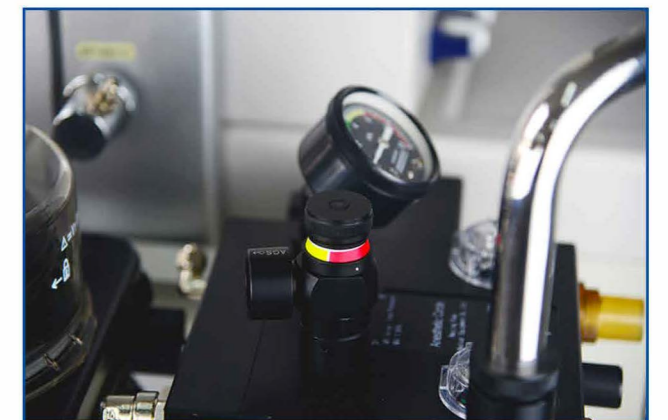
Metallic modular circuit platform, tolerates high temperature disinfection, simple to mount, clean and disassemble.



Imported PPSU rotating soda-lime CO₂ absorber tank, very easy to operate and temperature resistant to 134°C.



Detachable contamination mitigating ascending bellows system, available in adult and pediatric sizes.



Adjustable Pressure Limiting (APL) valve, designed for low-flow and ultra low-flow anesthesia therapy.

Accessories & Other Components

Aside from its core components, the Qtec Medical 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

Anesthetic vaporizer mount

1 to 2 Selectatec® compatible slots for Qtec Medical's locally assembled self-compensating imported anesthetic vaporizers.



High precision flowmeter

Built-in 2 tube flowmeter fitted with interlocking O₂-N₂O supply, guarantees oxygen output never falls below 21%.



Compact versatile design

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



Q T Series Vaporizers

Available in enflurane, isoflurane, sevoflurane & halothane.



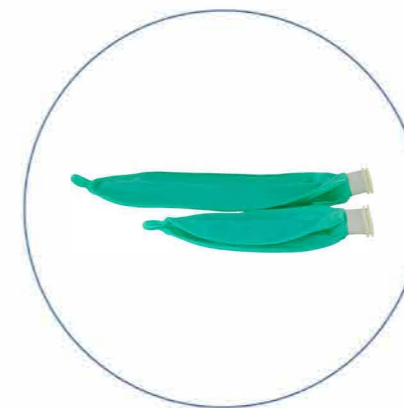
Infrared Flow Sensor

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



PDJ Series Patient Monitor

Mounted adjustable multi-parameter patient monitor (optional).



Manual Breathing Bag

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



Clear Anesthesia Masks

Comfortable lightweight reusable anesthesia masks, available in all sizes.



Breathing Circuit Tubes

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

The Qtec Medical also includes a broad selection of other accessories for you to choose from:

- Battery
- Color gas connecting tubes
- Oxygen regulator
- Power cords
- Disposable anesthesia masks
- Disposable circuit tubes
- Adult bellows
- Pediatric bellows
- Patient monitor support arm
- Swivel wheel with brakes
- Swivel wheel without brakes
- And more