

VT 2000

Gas Flow Analyzer



VT2000 is a versatile all-in-one solution for testing gas flow and respiratory medical devices. It is specifically designed for ventilators, anesthesia machines, CPAP machines, and flow meters.



Portable and lightweight

- Lightweight at 1.8 kg, easy to carry. The compact design is ideal for on-site and field testing.



Precise & Accurate measurement

- Equipped with a high-precision sensor to provide reliable and precise measurements of pressure, flow, temperature, and humidity.



Comprehensive parameter detection

- VT2000 detects a range of parameters including gas flow, high/low pressure, negative pressure, atmospheric pressure, oxygen concentration, temperature, and humidity.



Built-in rechargeable battery

- The rechargeable lithium battery provides over 8 hours of operation. This makes it suitable for both bench top and on-the-go testing.



Gas calibration

It offers up to 10 different gas calibration modes, including ATP, ATPD, STPD0, STPD20, STPD21, BTPS, etc.

Wide range of detectable gases

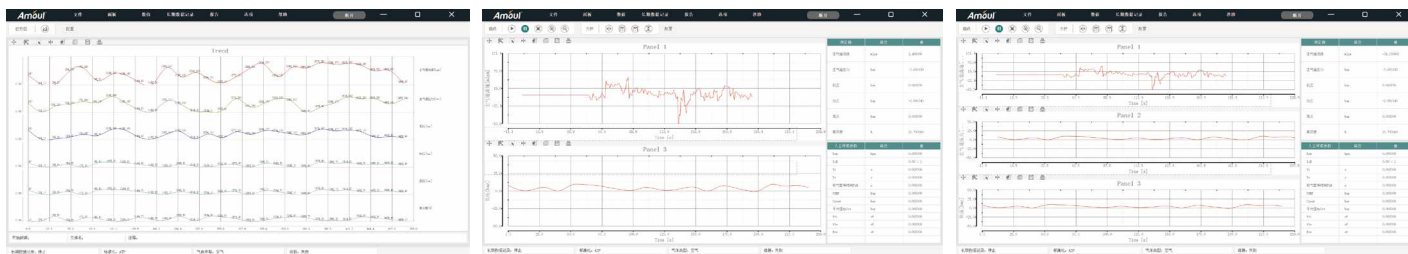
It can detect more than 10 types of gases, including air, O₂, CO₂, N₂O, Argon, Heliox, etc.

Easy operation

The analyzer features a high-definition color screen and a user-friendly interface with monitoring options for pressure, flow, and airway. The user can easily switch between interfaces with a single button.

Customizable reports format

The PC software enables users to generate test reports in PDF format. Additionally, it is available for real-time monitoring and analysis of various waveforms. The test reports can be customized to meet different user needs, and the data is presented in trends, allowing for easy data comparison over time.



Specifications

Display	2.4" color screen
Weight	1.8 kg
Battery operation time	8 hours
Battery charging time	2 hours
External power	AC100-240V; 50/60Hz
Connection type	Serial port
Single full-range channel	Yes
Gas calibration	Gas types
ATP (ambient temp/pressure, actual humidity)	Air Nitrogen (N ₂) Nitrous Oxide (N ₂ O) Carbon Dioxide (CO ₂) Oxygen (O ₂) Argon Heliox (21 % O ₂ , 79% He) Oxygen/Nitrogen Oxygen/Nitrous Oxide Oxygen/Helium
ATPD (ambient temp/pressure, dry)	
ATPS (ambient temp/pressure, saturated)	
STP20 (20 °C temp/pressure 760 mmHg, actual humidity)	
STPD0 (0 °C temp/pressure 760 mmHg, dry)	
STPD20 (20 °C temp/pressure 760 mmHg, dry)	
STP21 (21 °C temp/pressure 760 mmHg, actual humidity)	
STP or STPD21 (21 °C temp/pressure 760 mmHg, dry)	
BTPS (body temp 37 °C/ambient pressure 760 mmHg, saturated)	
BTPD (body temp 37 °C/ambient pressure 760 mmHg, dry)	

Global Markets



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