



Portable Multi Gas Analyzer FM-PMG-A100

Overview

Portable Multi Gas Analyzer FM-PMG-A100 detects 1-18 types of gases, offering flexible and comprehensive monitoring. It features a 3.5-inch HD LCD screen with a resolution of 320 × 480 for clear data display. Its modular design allows the selection of 1-3 modules, preventing cross interference. The built-in pump ensures faster gas sampling, and multi-layer filtering protects the sensors from oil, water vapor, and dust. Our gas analyzer provides reliable performance for industrial gas detection applications.

Specifications :

Gas Detected	NO, SO , CO, CO , CH
Detection Principle	Electrochemistry (NO, SO), Infrared Ray (CO, CO , CH)
Measuring Range	NO: 0 to 5000 ppmSO : 0 to 5000 ppmCO: 0 to 50% VOLCO : 0 to 25% VOLCH : 0 to 50% VOL
Resolution	1ppm (SO , NO), 0.01% VOL (CO, CO , CH)
Precision	d – 2% F.S
Display	3.5-inch HD LCD screen
Display Resolution	320 ×480
Data storage	Independent SD memory card, standard 32G, automatic measurement data record, customizable record time interval
Data transmission	RS485 signal output, USB interface data transmission, with PC software, can download storage, analyze and print data
Battery	5200 mAh rechargeable lithium battery
Battery Hours	More than 32 hrs with single gas and 24 hrs with six gases together
Pump flow rate	500 mL/min
Explosion-proof	Ex Ic IIC T3 Gc
Charger	Standard Micro-USB charging port with 9V/2A charger
Alarm	Fault alarm and low battery alarm
Wireless transmission distance	Bluetooth is less than 10 m, and WIFI outdoor single point is less than 500 m
Network frequency	2.4G high frequency
Working Humidity	0 to 95% RH
Temperature	-40 to +70
IP grade	IP66
Dimension (H ×W × D)	260 ×230 ×120 mm
Weight	3700 g

Features :

- High customizability
- Multiple display function
- 150° wide viewing angle
- Password protection and safety reminders
- Optional high-temperature probe for harsh environments
- Long standby time

Applications :

Portable Multi gas analyzer is widely used in chemical manufacturing industries for detecting emissions in waste gas, air pollution monitoring, flue gas analysis, and indoor air analysis.

Accessories Optional :

- High Temperature Sampling Probe