

MY 401

Portable four-in-one Gas Detector



MY 401 portable multi gas detector adopts a 32-bit microprocessor, TFT color LCD screen display, 3 key operation, buzzer, vibration motor, alarm lights. Constitute a very good human-computer interaction experience. It has the characteristics of stable and reliable system, rich display content, clear and beautiful, convenient and simple operation and fast response speed. A wide range of gases can be detected at the same time, and the gas type can be flexibly configured according to the customer needs. Small size and light weight. With stainless steel buckle, easy to carry. Supports both Chinese and English bilingual switching, graphics and text two UI operating styles. It also features a flashlight to meet your lighting needs. The original imported sensor is adopted with high sensitivity and short response time. Waterproof, dust-proof and explosion-proof can be used in a variety of complex environments.

The detector is widely used in petroleum, chemical industry, environmental protection, metallurgy, refining, gas, biochemical medicine, agriculture, fire protection, Archaeology and other industries and places that need safety monitoring for toxicity and harmfulness, explosion prevention. The detector can effectively predict the concentration of dangerous gases and alarm, so as to ensure the safety of workers and production equipment.

Features and benefits

- Owl-inspired bionic design, elegant and user-friendly appearance.
- Users can customize sensors based on target gases to form 2-in-1, 3-in-1, or 4-in-1 gas detectors.
- TFT color LCD display for clear and intuitive data reading.
- Triple alarm functions: sound, light, and vibration.
- Storage and retrieval of up to 1,000 alarm records.
- Support for dual-language interface (Chinese and English).
- Support for dual-menu interface (icon and text)
- Factory reset function to prevent misoperation.
- Trend graph function to view the recent data change trend.
- LED lighting and indication function: provides a light source in emergencies and indicates the instrument's position in the dark.

Specifications and configuration

Product Name	MY 401 Portable four-in-one Gas Detector
Sampling method	Diffusion
Working temp.	-10°C ~ +50°C
Working humidity	15%RH ~ 95%RH (non-condensing)
Screen	TFT Color LCD Display
Display Units	%VOL, %LEL, ppm, mg/m ³

Operating Pressure	86KPa ~ 106KPa
Battery life	≥ 8 hours (at room temperature, no alarm)
Charging Time	≤ 6 hours
Operating Voltage	Built-in high-performance lithium battery, nominal voltage: 3.7VDC
Alarm Method	Audible, visual, and vibration alarm; sound level ≥ 65dB@25cm
Power Consumption	≤ 0.7W
Dimension	119.6*60*44mm
Weight	Approximately 182g
Level of protection	IP 65
Warm-up Time	Default 90 seconds (varies with different sensors)
Accuracy	≤ ±3% F.S
Explosion-proof signs	II 1G Ex ia IIC T4 Ga ; II 1D Ex ia IIIC T135°C Da Tamb= -20°Cto+50°C
Warranty	1 Year after sale (including sensors)

Technical parameter

Gas	Range	Resolution	Detection Principle
EX	(0-100)%LEL	1%LEL	Catalytic
H2S	(0-100)ppm	1ppm	Electrochemical
CO	(0-500)ppm	1ppm	Electrochemical
O2	(0-30)%vol	0.1%vol	Electrochemical

Note: We can customize the detection for other gases or ranges not listed in the table. Should you require any further information, please feel free to reach out to us.

Accessories

Charger、USB line、Operation manual、Calibration cover 、 Calibration certificate

* Due to ongoing research and product improvement, specifications are subject to change without notice.