

DESCRIPTION:

YW-GS series instrument is a portable single gas detector, the instrument uses natural diffusion method to detect gas, the sensitive element uses high-quality gas sensor, so it has excellent sensitivity and excellent repeatability, can quickly measure the concentration of leaking gas in the detection site, greatly meeting the requirements of industrial site safety detection on equipment reliability.

YW-GS series instruments have 7 models, respectively, YW-GS-O₂, YW-GS-CO₂, YW-GS-CO, YW-GS-H₂S, YW-GS-NO, YW-GS-H₂ and YW-GS-NH₃.

The instrument is available in two measurement modes. In the maximum or minimum measurement mode, the maximum or minimum value displayed by the instrument will change according to the real-time measurement results, and the user can obtain the maximum or minimum value of the current measurement at any time.

YW-GS series instrument adopts intelligent design, has a variety of functions, when the detection result exceeds the pre-designed alarm value, the instrument will sound alarm prompt; At the same time, the instrument adopts high-definition backlit screen, the numerical display is clear, which can meet the measurement requirements of users in different environments, and is suitable for petroleum, chemical industry, environmental protection, metallurgy, refining, gas transmission and distribution, biochemical medicine and other fields.



YW-GS Series Portable Single Gas Detector

FEATURES:

- HD screen
- Alarm settings
- Fast response time
- Backlight settings
- High and low alarm settings
- Maximum and minimum measurement modes
- Data retention
- Real-time inspection
- Large capacity lithium battery direct supply (some models)
- Battery warning

APPLICATION:

- Oil extraction
- Mining
- Metallurgy
- Refining
- Gas transmission and distribution
- Biochemical medicine
- Tunnel construction
- Fire protection
- Sewage treatment

NOTE:

- Please use and store the instrument under the conditions specified in the specification sheet.
- Avoid the use and storage of the instrument in high temperature, high humidity, low temperature, strong electromagnetic or containing corrosive gases (such as high concentration of chlorine gas).
- Do not charge the instrument in an environment containing explosive gases. Otherwise, sparks may be generated during operation and cause fire or explosion.
- The instrument may not work properly in the presence of high concentrations of gas.
- To ensure the detection accuracy, please calibrate the instrument regularly. The calibration period shall not exceed one year.

WARNING:

- No private disassembly!
- Prevent strong electricity and static shock!

TECHNICAL PARAMETERS:

Model	YW-GS-O ₂	YW-GS-CO ₂	YW-GS-CO	YW-GS-H ₂ S	YW-GS-NO	YW-GS-H ₂	YW-GS-NH ₃
Detection gas	Oxygen	Carbon dioxide	Carbon monoxide	Hydrogen sulfide	Nitric oxide	Hydrogen	Ammonia
Measuring range	0~30%vol	400~10000ppm	0~1000ppm	0~100ppm	0~250ppm	0~1000ppm	0~100ppm
Indication error	≤±5%FS	±(5% reading+50ppm) 400~2000ppm, other ranges are for reference only	≤±5%FS				
Resolution	0.1%vol	1ppm					0.1ppm
Response time	T<45s						
Operating environment	Temperature: -10~50℃; Humidity: < 95%RH						
Storage environment	Temperature: -10~55℃; Humidity: ≤85%RH (The air must not contain harmful gases or impurities that corrode the sensor)						
Charging time	6~8h						
Sensor life	2 years (Depending on environment and sensor)						
Power interface	DC 5V/2A						
Power source	DC 3.7V						
Protection class	IP40						
Dimension	180*65*34mm						
Material	ABS						