USERS MANUAL

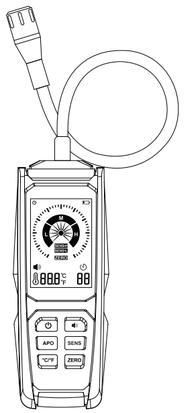
Made in China

CE RoHS M101040073

Before using the instrument,please read this manual carefully,and save it well for future using.

USERS MANUAL

COMBUSTIBLE GAS DETECTOR



Before using the instrument,please read this manual carefully,and save it well for future using.

120*90mm

1. Product introduction

This instrument adopts a VA reverse display color screen, with functions such as analog display, temperature, SENS high and low sensitivity conversion, and automatic shutdown; The instrument uses high-performance sensors, which have the characteristics of high sensitivity, good reliability, and fast response speed.

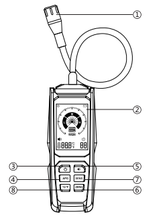
The detector is suitable for gas pipeline leak detection, household gas prevention, oil and gas exploration, tunnel and mine operations, chemical industry, metallurgy, refining and chemical, biochemical medicine and other industries. It is an ideal detection instrument.

1. The design, production and verification of this product comply with the regulations: JJG693-2011 (flammable gas detection alarm)
2. Please read the manual before use and follow all the contents therein. Otherwise, there is a danger of endangering people's lives and causing equipment damage.
3. In order to avoid failures and accidents, the detector cannot be placed in the following environments: direct sunlight, high temperature, humidity, dust, strong

2. Combustible gas detector features

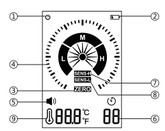
> Flexible hose is suitable for various scene detection
> Simple operation, fast and sensitive, accurate leak detection
> Compact structure, firm and durable, easy to carry

3. Product appearance introduction



1. Probe
2. display screen
3. Power button
4. APO automatic shutdown
5. Sound on and off button
6. ZERO reset key
7. SENS sensitivity conversion key
8. Temperature unit conversion key

4. Display introduction



1. Automatic shutdown symbol
2. Battery undervoltage symbol
3. ZERO clear symbol
4. Analog Display
5. Horn
6. countdown symbol
7. SENS-H high sensitivity
8. SENS-L low sensitivity
9. Temperature

5. Precautions before measurement

1. The instrument is turned on and enters the automatic calibration mode for about 30 seconds. In the calibration mode of the instrument, please place it in a normal gas environment or away from the gas leakage environment, otherwise it will affect the detection.
2. When the instrument screen appears ( ), it means that the battery power is insufficient. To avoid affecting the measurement results due to insufficient power, please replace the battery immediately.

6. Introduction to the use of the instrument

1.Press the ( ) key to turn on the power, the center point flashes,The instrument enters 30 seconds of automatic calibration, and the instrument can be used normally after the countdown.

2.APO automatically shuts down, short press to turn on or off the automatic shutdown function.

3.The (ZERO) key will automatically reset the countdown for 5 seconds.

4. (**℃/℉**) Short press to convert to Fahrenheit and Celsius degrees.

5. ( ) Turn on or off the alarm sound.

6. (SENS) Short press conversion SENS-H high sensitivity 50PPM~10000PPM, SENS-L low sensitivity 500PPM~10000PPM

7. Move the instrument probe slowly to a location where there may be a gas leak. If a gas leak is detected, the instrument will sound an alarm, and the on-screen analog display will gradually increase.

7. Technical parameters

product name	Combustible gas detector
detect gas	Natural gas, coal gas, liquefied petroleum gas
power supply	1.5V X 3 AAA
responding speed	2 seconds
Detection method	diffusion
Calibration method	Auto-calibrate within 30 seconds of power on
Automatic shut-down	about 10 minutes
display	VA reverse display color screen
Alarm method	sound, screen
Alarm value	＞2500PPM
Preheat time	30 seconds
Working current	140mA
Measuring range	50PPM-10000PPM
Working temperature and humidity	0-50°C/0-70%RH
storage environment	-10~50°C（5%—95%RH）
Metal hose length	270mm
size	160*63*32mm
Weight	About 184g without battery

8. Maintenance

> Do not drop or impact the instrument.
> It is forbidden to disassemble the instrument to avoid malfunction.
> For long-term storage, please remove the battery to prevent battery leakage.
> The storage environment of the instrument should be kept away from high temperature, humidity, corrosive gas or objects.

9. Replace the battery and accessories

1. Turn off the instrument;
2. Unscrew the battery cover screw on the back of the tester;
3. Remove the battery cover;
4. Remove the exhausted battery;
5. Install the new battery according to the correct polarity;
6. Install the battery cover and tighten the fixing screws;

10. Accessories

① Combustible gas detector	1
② 1.5v×3AAA Battery	3
③ Product manual	1
④ Cloth bag	1