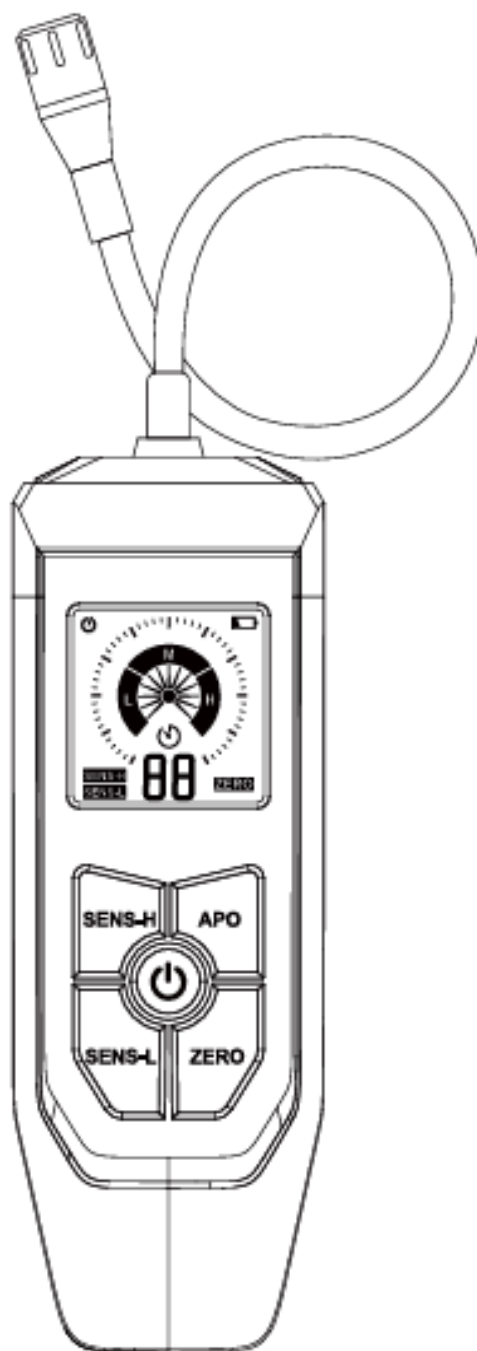


USERS MANUAL

COMBUSTIBLE GAS DETECTOR



⚠ Please refer to the manual before using the product

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1.Product introduction

The combustible gas detector adopts portable design, analog display screen, automatic shutdown, extended flexible metal hose, and high-performance sensor, which has the characteristics of high sensitivity, good reliability and fast response speed.

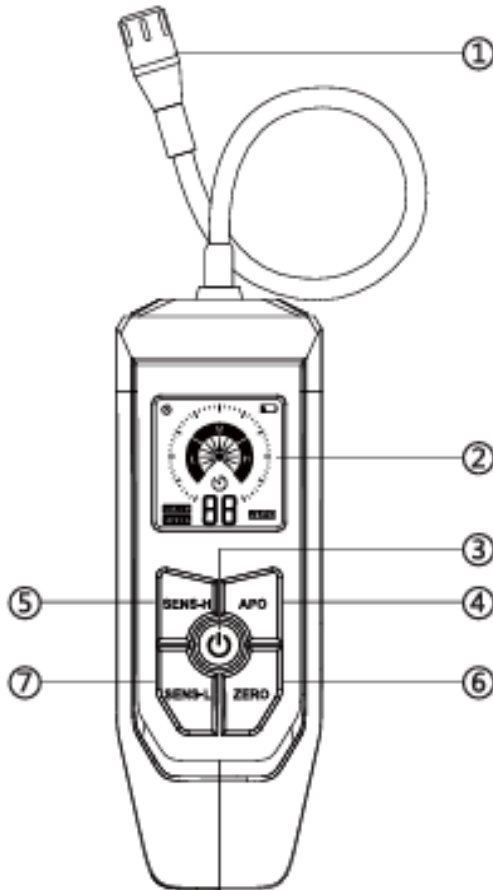
The detector is suitable for gas pipeline leak detection, household gas prevention, oil and gas exploration, tunnel and mine operations, chemical industry, metallurgy, refining and chemical, biochemical medicine and other industries. It is an ideal detection instrument.

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 electromagnetic environment, corrosiveness or mechanical vibration.

2.Combustible gas detector features:

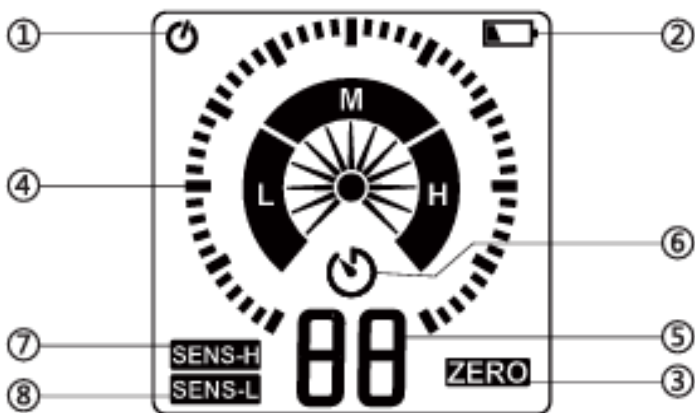
- > Flexible hose is suitable for various scene detection
- > Simple operation, fast and sensitive, accurate leak detection
- > Compact structure, firm and durable, easy to carry
- > Triple alarm, sound, backlight, screen display

3.Product appearance introduction



- 1. Probe
- 2. Analog display
- 3. Power button
- 4. APO automatic shutdown
- 5. High sensitivity
- 6. ZERO reset key
- 7. Low sensitivity

4. Display introduction:



- 1. Automatic shutdown symbol
- 2. Battery undervoltage symbol
- 3. ZERO clear symbol
- 4. Analog display
- 5. Countdown display
- 6. Countdown symbol
- 7. High sensitivity
- 8. Low sensitivity

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 screen displays (), the instrument enters 30 seconds of automatic calibration and the instrument can be used normally after the countdown.
2. APO key 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 (below 50ppm) .
4. 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, the backlight will be red and the on-screen analog display will gradually increase.

7. technical parameters

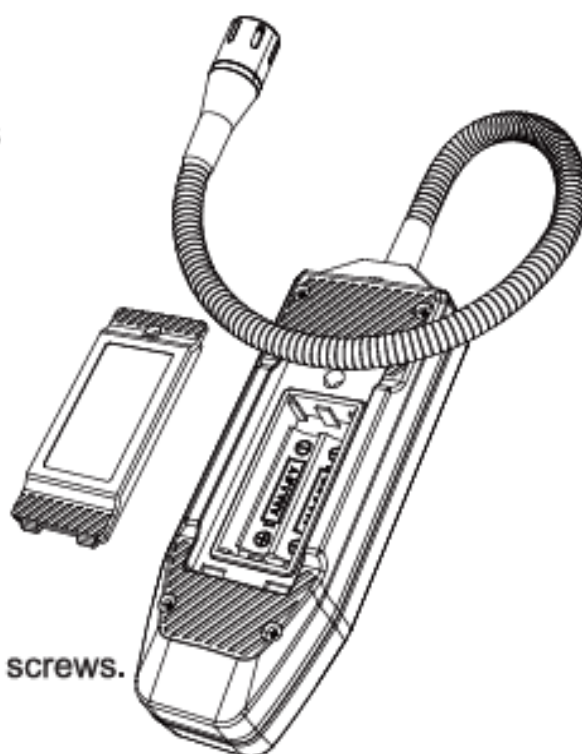
Product name	Combustible gas detector
Detect gas	Natural gas, coal gas, liquefied petroleum gas
Power supply	1.5V X 3 AAA
Responding speed	2 seconds
Detection method	Diffusion
Calibration method	Auto-calibrate within 30 seconds of power on
Automatic shut-down	About 10 minutes
Display	Ordinary analog display
Alarm method	Sound, backlight, screen
Preheat time	30 seconds
Turn-on current	Approximately 145mA
Measuring range	SENS-H 50ppm-10000ppm/SENS-L 500ppm-10000ppm
Working temperature and humidity	0-50°C/0-70%RH
Storage environment	-10~50°C (5%~95%RH)
Metal hose length	270mm
Size	143*50*30mm
Weight	About 218g 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

USERS MANUAL

Made in China

CE RoHS



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