USERS MANUAL

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

USERS MANUAL

COMBUSTIBLE GAS DETECTOR



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120*90mm

Catalog

1. Product introduction	1
2. Combustible gas detector features	1
3. Product appearance introduction	2
4. Display introduction	2
5. Precautions before measurement	3
6. Introduction to the use of the instrument	3
7. Technical parameters	4
8. Maintenance	5
9. Replace the battery and accessories	5

1. Product introduction

electromagnetic environment, corrosiveness or mechanical vibration.The combustible gas detector adopts portable design, analog display screen, automatic shutdown, double-layer body protection, and high-performance sensor, which has the characteristics of high sensitivity, good reliability and fast response speed.

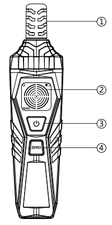
The detector is suitable for gas pipeline leak detection, household gas prevention, oil and gas exploration, tunnel and mine operations, chemical industry, metallurgy, refining and chemical, biochemical medicine and other industries. It is an ideal detection instrument.

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

2. Combustible gas detector features

> Small body is suitable for various scene detection
> Simple operation, fast and sensitive, accurate leak detection
> Compact structure, firm and durable, easy to carry
> Detection alarm, sound, screen double prompt

3. Product appearance introduction



1. Probe
2. Analog display
3. Power button
4. ZERO reset key

4. Display introduction



1. Automatic shutdown symbol
2. Battery undervoltage symbol
3.ZERO clear symbol
4. Analog Display

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 instrument, the instrument will enter into 30 seconds of automatic calibration, and the instrument can be used normally after the countdown.
2. The (ZERO) key will automatically reset the countdown for 5 seconds.
3. Slowly move the instrument probe to the position where there may be gas leakage. If gas leakage is detected, the instrument will sound an alarm and the analog display on the screen will gradually increase and flash.

7. Technical parameters

product name	Combustible gas detector
detect gas	Natural gas, coal gas, liquefied petroleum gas
power supply	1.5V X 2 AAA
responding speed	2 seconds
Calibration method	Auto-calibrate within 30 seconds of power on
Automatic shut-down	about 5 minutes
display	Ordinary analog display
Alarm method	sound, screen
Preheat time	30 seconds
Measuring range	50ppm-10000ppm
Working temperature and humidity	0-50°C/0-70%RH
storage environment	-10~50°C（5%—95%RH）
size	167*42*22mm
Weight without battery approx.	70g

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; (picture of the battery cover of the instrument)
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;

Accessories:

1 combustible gas detector
2. 2 1.5V×3AAA batteries
3. 1 product manual