

Safety information

Read this manual carefully, and familiarize yourself with the product before you put it to use. Keep this documentation close to hand in order to be able to consult it if required.

Avoid personal injury or equipment damage

- Use the measuring instrument only for the purpose for which it is intended, and within the parameters stated in the technical data
- If damage, malfunction or incorrect displays occur, have the instrument checked. Do not use faulty instruments.
- Do not carry out measurements with the product on or near live parts.
- Do not use in closed rooms with explosive gas mixtures.
- Never store the product together with solvents, acids or

other corrosive substances.

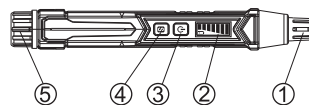
- Carry out only repair and maintenance work described in the instruction manual. Observe the prescribed handling steps.
- This detector is not a safety detection device! For your personal safety, do not use it as a monitoring instrument.
- You must turn on the instrument in a clean air environment and wait for the warm-up to complete.
- Do not use the instruments in environments with over 80 %RH (condensation).
- Observe permitted storage and transport temperature as well as the permitted operating temperature.
- Do not use in closed rooms in which gases have collected into an explosive mixture.
- Ensure that the gas

concentration does not exceed 20 % LFL (Lower flammability limit).

- Always carry out a functionality test before gas detection.
- Setting the sensitivity of the sensor in gas-contaminated surroundings lowers the alarm thresholds.

Product description

Its wide range of applications makes the gas leak monitoring instrument indispensable for every professional.



- ① Sensor head with gas sensor
- ② LCD display
- ③ power key
- ④ Sensitivity key
- ⑤ battery cover

Turn on/off

Turn on: Press the power key and hold it for more than 1 second, then turn on the instrument with a beep.

Turn off: Press the power key and hold it for more than 1 second, then the buzzer will beep for a short time to turn off.

Low battery voltage

When the battery voltage is lower than the working voltage, the display screen will display "  ". Please replace the battery in time

Auto power off

No operation, no alarm signal, automatic shutdown after about 5 minutes.

Sensitivity selection

Press "S" key:

The "S" key will light on and High sensitivity mode

Press "S" key:

The display "S" key will put out

and low sensitivity mode.

High sensitivity mode by default for instrument start up.

Using the product

- 1) In a clean air environment, press the power key to turn on
- 2) The detector will start preheating the sensor, and the analog bar will be displayed circularly. After waiting for about 30 seconds, the detector will beep "di" and preheat is completed.
- 3) After preheating the detector, take the detector to the detection environment.
- 4) Move the sensor head closer to the detection point.
- 5) When the detector detects combustible gas, the number of simulation bars will increase with the increase of gas concentration. The beeping sound will also become faster

as the gas concentration increases.

- 6) Press the power key and hold it for more than 1 second, then the buzzer will beep for a short time to turn off.



WARNING!

You must turn on the instrument in a clean air environment and wait for the warm-up to complete

Always check the function of the gas detector before using it to ensure that it is normal.

Technical data

- Sensor: Gas-sensitive semi-conductor
- Reaction range: >50PPM (methane)
- Test Gas (partial list): acetone, Acetylene, alcohol, ammonia, benzene, butane, ethanol, oxirane, gasoline, hexane, hydrogen, methane, naphtha, natural gas, paint thinners, propane, solvents,

etc. .

- Warm-Up Time: Approx. 30 sec
- Reactions time:
 - <=500PPM: Approx. 5sec
 - >500PPM: Approx. 2sec
- Alarm mode: Visible and audible
- Operating conditions: 0~ 50°C / 20~ 80%RH
- Storage conditions: -10~ 60°C / 20~80% RH
- Batteries: 2x1.5V AAA Alkaline battery

Maintaining the product

- Clean the sensor head:
If dirty, clean the sensor head with a soft dry cloth.
- Cleaning the housing:
If dirty, clean the housing with a damp cloth (soap solution). Do not use aggressive cleaning products or solvents!
- Regular servicing
It is recommended that the authorized service center repair the gas detector once a year.