

Introduction

Combustible Gas Detector can detect the presence of combustible gas and nuisance vapors, such as Natural Gas, Methane, Ethane, Propane, Butane, Acetone, Alcohol, Ammonia, Gasoline, Jet Fuel, Hydrogen Sulfide, Smoke, Industrial Solvents, Lacquer Thinner and Naphtha in concentrations as low as 10% LEL for methane and alerts the user with audible and visual alarms.

Important note

- Please read this manual carefully before using the detector.
- Always turn the meter on in the clean ambient air
- Please turn off when not in use to avoid running out of power
- When the green light flashing, please replace the battery

Features

- Quickly-response sensor for accurate detection
- Detection at 10% ~ 40% lower explosion limited
- The 35cm flexible probe, allows location and detection of leak in hard-to-reach and confined spaces
- Visible & audible alarm
- Adjustable sensitivity setting helps precisely locating leaks
- Comes with earphone jack. When works in a noise area, an earphone can be plugged into the

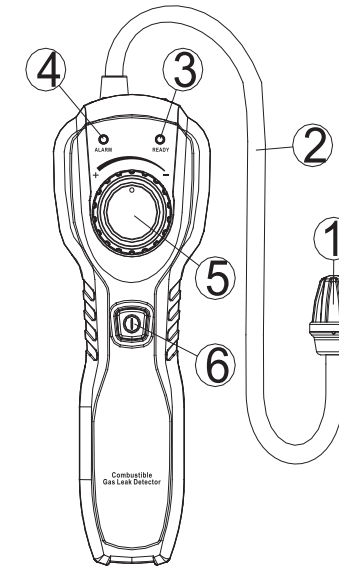
-1-

Combustible Gas Detector. In addition, the speaker is disabled when an earphone is connected so the ticking and alarm will not disturb others.

Specifications

- Resolution: 50 ppm
- Alarm range : 10%—40% LEL (Lower Explosion Limited)
- Response time : < 2S (40% LEL)
- Working temperature : 0~50°C
- Operating humidity : 10~90% (no freeze)
- Size : 200×72×45 mm
- Power : 4 x 1.5V/AA Battery

-2-



- ① 1.Sensor, for the detection of combustible gas
- ② 2.fixable gooseneck tube
- ③ 3.Power indicator
- ④ 4.Alarm and low battery indicator
- ⑤ 5.Knob, sensitivity adjustment
- ⑥ 6.The power switch

Operation

-3-

Warm-up before use

1. In the clean ambient air, push the ON/OFF button to power on the detector and green and red lights will light up and tones will sound as well. Then switch the sensitivity button to the lowest and wait for around 2 minutes until the alarm tones stop.
2. Some intermittent alarm tones may be experienced for a short time as the detector warms up, the alarm will stop sounding when the Combustible Gas Detector is ready for use, if the detector is in an area where combustible gas is present, the alarm may not stop.

Note:

Warm-up time is depending on when the last time the meter was used. Combustible Gas Detector will be automatically zeroing on activation. If the sensor was saturated, it will enter into an automatic recovery status. In this instance, the meter will alarm until sensor saturation level to zero point.

Leak Detection

1. After warming up, Combustible Gas Detector is ready to detect.
2. Trace the sensor around the source of the suspected leak. When leaking gas is detected the alarm will sound.
3. If the level of gas is approximately at 10% LEL of Methane, the Alarm Red LED will light up and the tone will sound.

-4-

4. In areas of high gas concentration, the sensitivity rate can pinpoint the location of the leak.
5. Turn the sensitivity knob clockwise to reset to a lowest rate.
6. Power off the meter

Battery Replacement

If the green LED flashes or does not illuminate, the batteries need to be replaced. The battery compartment is located at the rear of the meter. Please unscrew and open the cover of battery compartment, then replace the four AA (1.5V) batteries. Ensure that the compartment cover is securely screw fastened when finished.

Maintenance and Storage

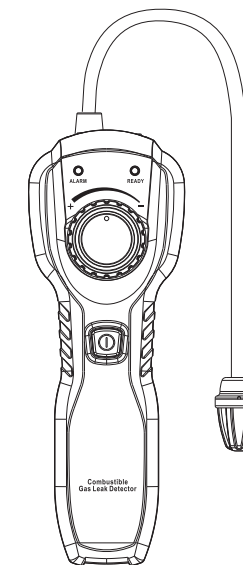
Caution! Storing in a damp environment will damage the sensor!

Wipe the detector only with a damp cloth as needed. Do not apply abrasive, solvents, or other cleaners to the surface of the detector or sensor. Store with the batteries removed and avoid extreme temperature and humidity.

-5-

OPERATOR'S INSTRUCTION MANUAL

Combustible Gas Leak Detector



PM6310

Y01-04-0078 A1

85*125MM