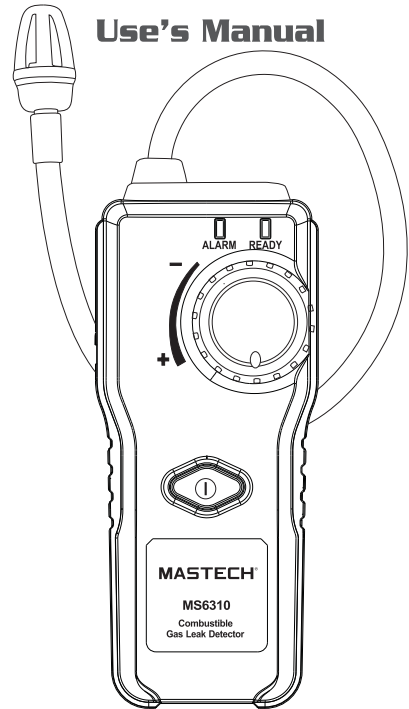


MASTECH[®]

MS6310

COMBUSTIBLE GAS DETECTOR

Use's Manual



R-00-05-0797

Type of Gases Detected:

Natural gas, methane (sewage gas), ethane, propane, butane, acetone, alcohol, ammonia, hydrogen, gasoline steam, sulfide, organic solvent steam, smoke, paint thinner, naphtha, volatile industrial solvents.

Functions Description:

- Quickly recognize and determine the flammable gas leakage location
- Manual sensibility adjustment
- High sensibility
- Visible sound and light alarm

Important Notice:

- Please use the product in pure air after preheating.
- Please replace battery immediately when green light flashes.
- Please power off when not using to prevent battery discharge.

Main Parameters:

- Resolution: 50 ppm (methane)
- Alarm range: 10%~40% LEL
- Response time: < 2S (40% LEL)

Use Method:

Red light: alarm detection indicator

Green light: power indicator and low voltage power supply alarm indicator

- In pure air, press the power key to start up. The green light will turn on.

- Rotate the knob clockwise to the lowest sensitivity position. Wait for at least 2 minutes for preheating.

Note: In the preheating process, the red light will flash uninterruptedly along with alarm sound, which is due to the sensor not being stable. You may ignore this condition.

- After preheating, rotate the knob counter-clockwise to the critical emergency alarm set point. At this time, the detection sensitivity is at maximum. The red light will not light without the alarm. The red light will light only occasionally. This does not affect meter performance.
- Hold the meter with one hand. Do not adjust the knob now. Move the sensor slowly close to the detected gas. When the meter detects a certain concentration of flammable gas, the red light will flash and the alarm will sound. The greater the concentration is, the more intense the alarm will be.
- After the completion of detection, rotate the knob clockwise to the lowest sensibility position. Press the power supply key to power off, and the green light will turn off.

Specifications:

- Operating temperature: 0~50°C
- Operating humidity: 10~90% (above freezing)
- L×W×H: 172×70×46 mm
- Power supply mode: 4x1.5V AAA battery
- Weight: 330g (includes batteries)