

TOTAL TETGA01 Digital Gas Leak Detector

Datasheet & User Manual

TOTAL TETGA01 is a portable combustible gas detector designed to quickly detect gas leaks in pipelines, valves, cylinders, HVAC systems, and industrial environments. It uses a sensitive semiconductor sensor and a flexible probe to reach difficult areas.

Technical Specifications

Specification	Details
Model	TETGA01
Type	Portable Combustible Gas Leak Detector
Measurement Range	0 – 9999 ppm (Methane equivalent)
Sensitivity	≤ 50 ppm
Accuracy	≤ 5% FS
Response Time	< 2 seconds
Warm-up Time	Approx. 120 seconds
Probe Length	Approx. 450 mm flexible probe
Power Supply	3 × AAA batteries
Display	Digital LCD
Operating Temperature	0 – 50 °C
Weight	Approx. 200 – 400 g

Main Features

- High sensitivity semiconductor gas sensor
- Flexible gooseneck probe for hard-to-reach areas
- Audible alarm and visual indicator
- Portable handheld design
- Low battery indication
- Suitable for multiple combustible gases

Detectable Gases

Methane, Propane, Butane, Natural Gas, Hydrogen, Gasoline vapors, Alcohol vapors, Ammonia, Acetylene and other combustible gases.

User Manual

1. Install three AAA batteries in the battery compartment.
2. Turn the device ON using the power switch.
3. Allow about 120 seconds for sensor warmup.
4. Slowly move the flexible probe near suspected leak points such as valves, pipes, or cylinders.
5. Observe the display and listen for alarm signals indicating gas concentration.
6. If the reading increases or alarm sounds rapidly, a gas leak may be present.

Safety Notes

- Use the detector in well-ventilated areas.
- Do not expose the sensor tip to water or excessive heat.
- Avoid touching the sensor during operation.
- Turn the device off after use to preserve battery life.