



AutoTest® Combustible Gas Detector

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A high performance, portable gas detector designed for fast, reliable detection of combustible gases. Featuring a colour LCD display, flexible probe, and audible/visual alarms, the AutoTest® Combustible Gas Detector is ideal for field and industrial applications.

Applications

- Gas pipeline leakage detection
- Domestic gas maintenance
- Oil and gas exploration
- Tunnel and mining operations
- Metallurgy, refining, and chemical industries
- Biochemical and medical environments

Standard Features

- Portable handheld combustible gas detector
- High performance gas sensor with fast response
- Flexible metal hose for hard to reach areas
- Metal induction shield to reduce interference
- Hybrid analogue and digital colour LCD display
- Audible and visual alarm indication
- Automatic calibration on start up
- Auto power off (APO) function
- Battery powered (3 × AAA)

Key Features

- **Dual measurement units:**
Switch between %LEL and PPM
- **High sensitivity & accuracy:**
Detects low level gas leaks quickly
- **Fast response time:**
Approx. 2 seconds
- **Clear visual feedback:**
Digital readout with analogue bar display
- **Audible alarm:**
Activates above 25% LEL / 12,500 PPM
- **User friendly operation:**
Simple button controls and auto zero function
- **Lightweight & rugged design:**
Suitable for field use
- **Wide application range:**
Natural gas, coal gas, and LPG

**AUTO
TEST**
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Note: Outer appearance and specifications are subject to change without prior notice





Specifications

Detected Gases

- Natural gas, coal gas, liquefied petroleum gas (LPG)

Measurement Range

- Gas: 1–100% LEL / 50–50,000 PPM (based on CH₄)
- Temperature: 0–50°C (32–122°F) ± (2°C / 4°F)

Resolution

- Gas: 1% LEL / 1 PPM
- Temperature: 0.1°C / 0.2°F

Performance

- Response time: ~2 seconds
- Accuracy: ±5% FS
- Sampling method: Diffusion type
- Detection flow: 1 L / min

Display & Alarms

- Colour LCD hybrid analogue / digital display
- Audible and visual alarm indicators

Power & Operation

- Power supply: 3 × 1.5 V AAA batteries
- Working current: 190 mA
- Pre-heating time: 30 seconds
- Automatic shut down: 10–15 minutes (configurable)
- Environmental Conditions:
 - Operating temperature: 0–50°C
 - Operating humidity: 0–70% RH

Compliance & Standards

Designed with reference to internationally recognised standards, including:

- IEC 60079-29-1 & IEC 60079-29-2
- ISA-S12.13 Part-I-1995
- IEC 61000-6-2 / IEC 61000-6-4
- 2014/30/EU Directive

