Methane selective – no false alarm
Quick response time (0.1s)
Lightweight and easy to use
Can detect through glass
50m (164ft) distance detection

Gas Leak Detection and Natural Gas Network Survey

Gazoscan™
Handheld Remote Methane Leak detector with Laser Spectroscopy Technology

- Methane selective – no false alarm
- Quick response time (0.1s)
- Lightweight and easy to use
- Can detect through glass
- 50m (164ft) distance detection
Using the powerful Laser Spectroscopy technology, the GAZOSCAN™ from GAZOMAT™ is a handheld remote methane leak detector (RMLD) offering methane selectivity. Ultra- portable and very easy to use, this device detects leaks at 50m (164ft) distance on outside gas pipelines along buildings, bridges or within gas and industrial sites. Its capacity to detect gas through glass also makes it an essential tool for conducting inspections within cities, safely and efficiently.

**How it works**
- The laser beam of the GAZOSCAN™ detector is transmitted towards the target. Once reached, the beam is then reflected back to the detector for analysis. The results will show on the display screen immediately.

**Easy to use, quick to respond**
- 0.1s response time
- Large LCD screen (2.8 inches)
- Configurable alarm threshold
- Visual and audio alarms
- Rechargeable battery (second battery is optional).

**Extended applications**
With a detection distance of 50m (164ft) and a capacity to detect through glass, the GAZOSCAN™ detector is suited to any situations where field technicians cannot operate close to the inspection zone:
- Natural gas inspection of residential buildings and properties
- Gas leak inspection of natural gas pipelines
- Methane leak inspection on gas containers.

**GAZOSCAN™ kit includes**
1. Handheld remote methane leak detector
2. Power adapter
3. Charging base
4. Screen cover
5. Carrying case
6. Battery

**GAZOSCAN™ TECHNICAL SPECIFICATIONS**
- **Measurement method:** Tunable Diode Laser Absorption Spectroscopy (TDLAS)
- **Sensitivity:** 5ppm*m
- **Detection range:** 0 - 50,000ppm*m
- **Measurement accuracy:** ±10%
- **False alarm:** No false alarm to other hydrocarbons
- **Response time:** 0.1s
- **Detection distance:** 50m (164ft) and greater distances
- **Weight:** 0.7kg (1.5lbs)
- **Size:** 160mm x 210mm x 80mm (6.3” x 8.3” x 3.1”)
- **Operating temperature:** -20°C to +50°C (-4 °F to +122°F)
- **Operating humidity:** 30% to 90% RH, non-condensing
- **Enclosure level:** IP54
- **Certification:** Ex ib IIA T3 Gb
- **Laser classes:** IR Laser emitter: 1654nm, Class 1 eye safety
  Green guide laser light: 520nm, Class 3R
- **Battery:** Rechargeable Lithium battery, capacity: 19240mW
- **Battery operating life:** > 9 hours at 25°C (77°F)
- **Threshold alarm:** Alarm: Can be set by customer, Buzz with LCD turning red
- **Self-test:** Built-in self test while turning on the instrument, <10s
- **System False Alarm:** Corresponding error message while there is any hardware issue

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GAZOMAT™ S.à.r.l.
11, rue de l’Industrie – BP 40101
67403 Illkirch-Graffenstaden Cedex – France
Phone: +33 (0)1 85 65 04 37
Fax: +33 (0)1 85 65 04 87
E-mail: info@gazomat.com
www.gazomat.com

GAZOMAT™ North America
850 South Via Lata - Suite 112
Colton, CA 92324 - USA
Phone: +1 (909)-906-1001
E-mail: info@gazomat.com
www.gazomat.com