



GAZOSCAN MINI



- Identification of emission sources at 15m (50ft) distance
- Laser for continuous measurement without drift
- Audible and vibration alarms with instant response (0.1s)
- Service life of laser sensor >10 years under normal use
- Battery Life - 12 hours (USB Type C charging)
- Manufactured in USA

Learn more about Ecotec's design, development and manufacturing of cutting-edge gas detectors and software by visiting our website

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Using the powerful Laser Spectroscopy technology (TDLAS), GAZOSCAN MINI is a handheld remote methane detector (RMD) offering methane selectivity. Ultraportable, intrinsically safe, very easy to use, the device detects leaks at 15m (~ 50ft) distance on outside gas pipelines , digesters, compressors, or within gas and industrial sites. When the laser beam of the GAZOSCAN MINI reaches its target, it is partially absorbed by the methane gas plume present. It is then reflected back into the detector for analysis. Results will show on the display screen immediatley.



- Leak detection for operations and loss of product gas
- Keeping \$\$ in the pipeline
- Digester integrity
- Reducing Emissions

Applications

Gas Networks / ComponentsEngines/CompressorsAG Lagoons / Digesters

LandfillsCNG Stations / Vehicles

Key Benefits

Tunable Diode Laser TechnologyNo DriftMethane Specific

Easily Detect at 15m (~50ft)Light, Ergonomic, and IntuitivePoint and Shoot

User Configurable Thresholds with Audible and Vibration Alarms.

GAZOSCAN MINITechnical Specification



- Measurement Principle:** Laser Spectroscopy (TDLAS- Tunable Diode Laser Absorption Spectroscopy)
- Gas Selectivity:** Methane Gas (CH4)
- Measurement Range:** 0~99999 ppm*m CH4
- Measurement Accuracy:** ±10% Reading
- Response Time :** ≤ 0.05s
- Detection Threshold:** 5 ppm*m CH4
- Detection Distance:**15m (~50ft)
- Measuring Speeds:** 0.1s

POWER SUPPLY

| | |
|-------|--|
| Power | Rechargeable Internal Lithium battery- 5 hour charge time (12 hour battery life) |
|-------|--|

ENVIRONMENTAL CONDITIONS

| | |
|-------------------------------|--------------------------------|
| Operating/Storage Temperature | -4°F to 122°F (-20°C to +50°C) |
| Relative Humidity | <98% RH (no condensation) |

PHYSICAL

| | | | |
|------------|---|---------|-----------|
| Dimensions | 8.9" x 2.7" x 4.1" (227mm x 68mm x 105mm) | | |
| Weight | 0.85 lbs (386g) | Display | 1.6" OLED |

CERTIFICATION RATING

| | |
|--------------------|-------------------------|
| Intrinsically Safe | Enclosure Rating - IP65 |
|--------------------|-------------------------|

Manufactured in the USA

Gazoscan Mini Brochure | V1.03 | USA | JULY 2025