



GAZOSCAN MINI



1(909) 906-1001

sales@ecotecco.com



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 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 immediately.



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

Applications

Gas Networks / Components

Engines/Compressors

AG Lagoons / Digesters

Landfills

CNG Stations / Vehicles

Key Benefits

Tunable Diode Laser Technology

No Drift

Methane Specific

Easily Detect at 15m (~50ft)

Light, Ergonomic, and Intuitive – Point and Shoot

User Configurable Thresholds with Audible and Vibration alarms

GAZOSCAN MINI Technical 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%

Response Time: ≤0.05s

Detection Threshold: 5 ppm*m CH₄

Detection Distance: 15m (~50 ft) and greater

Measuring Speeds: Fast (F) = 0.1s

POWER SUPPLY

Power	Rechargeable internal Lithium battery ~1.5hr charge time (6-8 hr battery life)
-------	--

ENVIRONMENTAL CONDITIONS

Operating /Storage temperature	-4°F to 122°F (-20°C to 50°C)
Operating humidity	98%RH (no condensation)

PHYSICAL

Dimensions	8.9" x 2.7" x 4.1" (227mm x 68mm x 105mm)		
Weight	0.66 lb (300g)	Display	1.8" OLED

CERTIFICATION RATING

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



- 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 probe >10 yrs under normal use
- Battery Life - 6-8 hours (USB Type C)
- Manufactured in USA

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



850 S. Via Lata, Suite 115, Colton, CA 92324