



Safety You Can Measure in Virtual Pipeline CNG Operations

Built for Fleet Operators and CNG Distributors

Virtual pipelines play a critical role in delivering compressed natural gas (CNG) to customers beyond traditional infrastructure. Fleet-based transport introduces flexibility, but also unique safety risks associated with high-pressure gas movement, frequent connections, and mobile assets.

Why Methane Safety Matters in Virtual Pipelines

CNG trailers, tube skids, valves, hoses, and transfer points are handled daily across yards, roadways, and customer sites. Even small methane leaks can escalate into safety incidents, vehicle downtime, regulatory exposure, or reputational risk. Fleet operators need fast, reliable tools that fit naturally into daily safety routines without slowing operations.



Gazoscan Mini™ — Portable Methane Safety at Every Stop

Gazoscan Mini is a compact, high-sensitivity methane detector designed specifically for mobile gas operations. Its portability and fast response make it ideal for pre-dispatch checks, delivery inspections, and routine fleet safety programs. Verify trailer integrity before dispatch, inspect valves, fittings, and hoses during loading and unloading, confirm safety at customer delivery points, support emergency response and incident prevention.

Designed for the Realities of Fleet-Based CNG Transport

Gazoscan Mini engineered for technicians who work around moving equipment, tight spaces, and demanding schedules. Its lightweight design allows operators to move quickly around trailers and skids while maintaining confidence in every measurement.

Who Is Ecotec Solutions, Inc.?

Ecotec Solutions, Inc. is a global leader in methane detection and emissions monitoring technology. Trusted by gas utilities, energy operators, and industrial fleets worldwide, Ecotec builds precision instruments designed to protect people, assets, and operations through accurate, defensible methane measurement. With hundreds of units in use across oil & gas, CNG, utilities, biogas, and landfill operations, Gazoscan Mini has been proven in real-world field environments.

Why Fleet Operators Choose Ecotec

Safety-first technology for high-pressure gas environments: portable tools that match fleet mobility, fast and actionable leak detection, and proven expertise in methane measurement.

Safer Fleets. Smarter Inspections. Confident CNG Delivery.



Gazoscan Mini™ – Technical Specifications

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



Ready to improve fleet safety?

Contact Ecotec to learn how Mini Gazoscan can support your virtual pipeline operations.

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