

Picarro Handheld

Redefining Leak Detection

PICARRO

Speed, High Sensitivity, Ergonomics

Transform your leak survey practices with the Picarro Handheld. Our innovative solution blends high-performing hardware with cloud analytics to redefine leak detection.

Powered by a state-of-the-art open-path laser spectrometer (OPLS) sensor, our handheld delivers fast response times and PPB level sensitivity to methane and ethane. The Picarro Handheld enhances your leak detection capabilities, allowing you to pinpoint leaks with greater accuracy and speed.

Weighing a mere 3.4 lbs, the Picarro Handheld is ergonomic and portable, designed for all-day usage without physical strain. Its lithium-ion battery provides a minimum of 8 hours of uninterrupted operation and is fast charging.

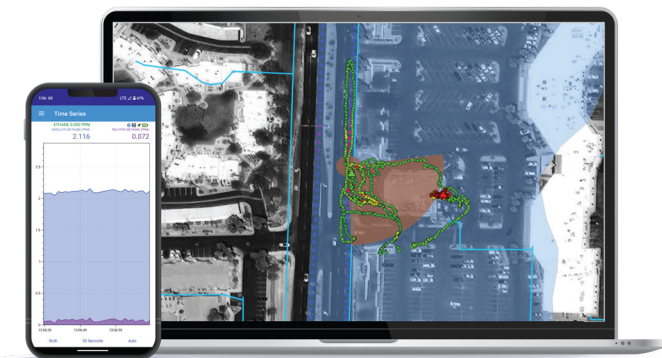


Figure 1. Picarro's Handheld solution seamlessly integrates with P-Cubed to provide real-time mapping and traceable leak investigations, enhancing efficiency and accuracy in the field.

Cloud-Enabled Leak Detection

Integrate Picarro Handheld with P-Cubed, our cloud software platform, for seamless data collection and transfer. All data collected in the field, from methane and ethane to GPS location data, is instantly uploaded to P-Cubed, empowering reliable audit trails and efficient data analysis.



Figure 2. The Picarro Handheld is lightweight, only 3.4 lbs.

The Picarro Handheld isn't just a device; it's a comprehensive solution that directly addresses common leak detection challenges, such as slow response, insufficient methane sensitivity, lack of ethane detection, and poor ergonomics.

The Picarro Difference

At Picarro, we're committed to supporting our customers' natural gas endeavors. Our handheld solution has been field-tested by various major utilities and has undergone rigorous testing to ensure reliability, up time and productivity.

Whether you're interested in upgrading your leak detection capabilities or digitizing your on-foot investigation practices, the Picarro Handheld is the precise, powerful, and portable solution you need.

Picarro Handheld Specifications	
Detection Range	1.80 ppm to 5,000 ppm CH ₄ (Methane) 50 ppb (0.050 ppm) to 200 ppm C ₂ H ₆ (Ethane)
Resolution	<25 ppm: 1 ppb >25 ppm: 1 ppm
Accuracy	+/- 5% of reading
Precision	60 ppb @ 2 ppm CH ₄ (Methane) 15 ppb @ 0 ppm C ₂ H ₆ (Ethane) (2 ppm dry sample @ 1.5LPM)
Measurement Speed	User-Selectable (1, 2, 4, 5, 10hz)
Response Time	<0.5 seconds
Operating Conditions	IP43 rated -10°C to 45°C, 0-95% RH (non-condensing)
Onboard Memory	Integrated flash memory
Outputs	Bluetooth (connects to Picarro Mobile App) USB port (direct data extraction)
Weight	3.4lbs
Battery Specifications	Self-contained Lithium-Ion battery pack Minimum 8 hours per full charge
Controls	Physical on/off button Touch-screen menus Picarro Mobile App menu controls

**Specifications subject to change*

PICARRO

© 2024 PICARRO, INC.
LIT CODE: V1.0-240919

3105 Patrick Henry Drive, Santa Clara, CA 95054 USA | +1 408-962-3900 | sales@picarro.com | picarro.com/gas