



Your Safety...Our Commitment

TECHNOLOGY & SERVICES UPDATE

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Showcasing World-Class Leak Survey Tools At The Upcoming AGA Conference Visit us at Booth #1409

Heath's commitment to safety in the natural gas industry is the driving force behind our most innovative products. We strive to provide best in class manufactured and distributed products for our natural gas industry clients. Including equipment for mobile and walking leak detection surveys, transmission and distribution patrols, leak pinpointing, centering and classification as well as odor concentration equipment.



Remote Methane Leak Detector Complete Solution

The RMLD-CS™ is based on our highly successful RMLD technology. This instrument eliminates the separate receiver and transceiver, combining them into one hand-held instrument that is lightweight, portable and field rugged. Remote detection allows utility customer service personnel and first responders to quickly scan an area for suspected gas leaks at a safe distance from the plume.

When the infrared laser beam is transmitted from the launch port some of the laser light is reflected by a normal background such as brick, concrete, grass, etc., to the detector. This reflected light is collected and converted to an electrical signal that carries the information needed to deduce the relative methane concentration. The signal is processed and reported in parts per million meter (ppm-m).



Detecto-Pak Infrared

The DP-IR™ is an infrared based leak detection survey instrument intended to replace current surveying equipment using traditional Flame Ionization with next generation technology utilizing a simple light beam, eliminating the need for expensive gas cylinders and refill systems. It is designed to be selective to detecting methane only, and will not false alarm on other hydrocarbon gases. The DP-IR can be used for walking and mobile leak surveys; operates under a variety of environmental conditions including cold or hot weather and will stand up to normal field use and operating conditions. Adding-on the Heath Survey Tracker will allow the ability to log mobile leak survey data and GPS locations of all natural gas leaks detected.



MobileGuard™ Advanced Mobile Survey System



The MobileGuard gas leak detection system consists of a methane/ethane analyzer, GPS, a sonic anemometer and proprietary leak detection software that presents real-time geospatial maps of multiple gas concentrations. The software's sophisticated leak

detection algorithm combines the system's measurements of gas concentrations (CH_4 , C_2H_6), local coordinates (GPS) and local wind velocity (sonic anemometer) to estimate the leak location. Readings are stored in the device and can be transmitted in real-time to the Cloud for centralized monitoring.

The MobileGuard gas leak detection system uses ABB's patented LGR Off-Axis Integrated Cavity Output Spectroscopy (OA-ICOS) technique which has a sensitivity and precision more than 3,000 times greater than legacy methods. This enables identification of leaks several hundred feet away from the source.

I Want More Information...

- [Click here to view the RMLD-CS brochure](#)
- [Click here to view the DP-IR brochure](#)
- [Click here to view the MobileGuard brochure](#)
- [Email our Customer Service Department for additional product or service information](#)

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