QUANTITATIVE OPTICAL GAS IMAGING

with

QL320™

IN PARTNERSHIP WITH FLIR®

HIGHLIGHTS

- Provides a remote quantitative measurement of mass leak rates (lb/h or g/h) or volumetric leak rates (cc/min or SCFH) for most hydrocarbons
- Designed to work with FLIR GF320/GFx320 hand-held gas detection cameras
- Rugged and suitable for use in industrial settings

SYSTEM FEATURES

PATENTED TECHNOLOGY*

- Immediate quantification of mass or volumetric emission rates
- Screening tool to validate leak survey and determine suitability of background conditions
- Response factor to allow quantification of most common hydrocarbon compounds
- Automated reporting with raw image data archived for optional post-processing
- Synchronized to multiple optics and temperature ranges
- Quantification at distances up to 210 feet
- Factory calibrated with optional user calibration
- Easy to use, touch enabled interface

highlighting extracted hydrocarbon plume

SPECIFICATIONS

- Sunlight readable display, glove-sensitive touch screen, IP65 environmental rating, weight <3 lbs
- Hazardous environmental rating option available

APPLICATIONS

- Measure emissions from LDAR components
- Measure tank emissions
- Develop emission factors
- Prioritize repairs
- Calculate value of lost product
- Separate methane and non-methane emissions

delta temperature screening tool

*U.S. Patent 9,225,915 B2 and additional patents pending

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PROVIDENCE PHOTONICS

Calculate response factor for more than 400 compounds