LEADERS IN GAS DETECTION
Since 1977

LMC Laser Methane Copter

Features:

- Available as ready-to-go solution incl. UAV or gas sensor only
- Track the inspected route with coordinates and gas concentration
- Easy data export for reporting
- Eye-safe Class 3R laser
- Fully integrated Full HD camera
- Drone not included

Applications:

- Leak detection
- Emission monitoring
- Gas line surveys
- Tank inspections
- Inspections of pipes under bridges
- Landfill emission monitoring
- Gas well testing
- Plant safety audits

Natural gas is composed of more than 75% methane. There is high demand for an easy and cost-efficient method for the detection of methane in all sectors of the natural gas industry. From produc-tion through processing and transmission, to distribution; an impressive number of applications can be realized with the LMC Laser methane copter including line, tank and asset inspections, landfill emission monitoring, and surveys in difficult to access areas that prevously required scaffolding. LNG and the shale gas industries are other markets with huge opportunities for leak detection services.

| OIL & GAS | CONFINED SPACE | HYGIENE | MINING | LABORATORIES | HVAC | DEFENCE | SHIPPING | FUMIGATION |

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CELEBRATING
40 YEARS
1977 - 2017

General specification

Items	Specifications
Target gas	Methane (CH4) & methane-containing gases
Detection limits	200 ~ 50,000 ppm x m
Detection distance	0.5 m ~ 50 m
Dimensions	70 (W) x 179 (D) x 42 (H) mm
Calibration	Self-calibrating with integrated reference cell
Structure	Splash & Dust Proof (IP54)
Sampling rate	10 m / s
Battery life	Approx. 4.5 hours (at 25 °C, Display Level:5, Flashing Guide Light)
Operating temperature	- 17 °C ~ + 50 °C
Weight	530 g or less (including Ni-MH Battery Pack)
Guide laser light color	**GREEN** (Class 3R: 5 mW or below)
Certificate	CE (R & TTE)
Application	UAV
Connection	Bluetooth & Internet Access (Android) / data logger
Certificate	⟨Ex⟩,ATEX II 2 G Ex ib op-pr/op-is IIA Tl Gb, I m2 Ex ib op-pr/op-is, CE
Note	Drone Not Included

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