

LaserMethane mini

Fast Methane Leak Detection

Detects methane from 30m
Surveys inaccessible areas
Lightweight and portable
Location reporting with GasViewer



LaserMethane mini

Methane Detection at a Distance

LaserMethane mini (LMm) is a compact handheld detector for the detection of methane gas at a safe distance (0-100m). Using laser technology, methane leaks are located by pointing the laser beam towards the suspected leak, or along the survey line.

This revolutionary technology removes the need to access elevated places, reducing cost and improving the speed of leak detection activities. LMm is ideal for use in industrial, commercial, and research environments, anywhere that methane could be present and in need of locating or monitoring.



Quick and easy to use

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| Point and shoot technology | Requires little or no training and is easy to use |
| Compact and lightweight | Truly portable - fits easily in your pocket! |
| Green guide laser light | Clear visibility including under strong sunlight |
| Wide organic electroluminescence display | Clear and bright read-out on screen |

Reliable and trustworthy

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| No moving parts | No maintenance required, saving you time and money |
| Automatic calibration on start up | Ensures accurate and reliable readings, and eliminates downtime associated with conventional calibration |

Efficient data storage

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| Bluetooth and Gasviewer app | For use with Android smartphones, providing real-time data display |
| Location and camera functions in Gasviewer app | Save leak location information for later and find the leak easier next time with the photo function |

Bluetooth connectivity

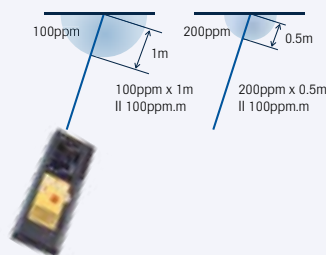
Now available as an option for the ATEX approved LMm, the GasViewer App provides:

Real-time data display

GPS location tagging

Data storage

Link application pictures to data



Disclaimer

Every effort has been made to ensure the accuracy of this document at the time of printing. In accordance with the company's policy of continued product improvement Crowcon Detection Instruments Limited reserves the right to make product changes without notice. The products are routinely subject to a programme of testing which may result in some changes in the characteristics quoted. Technical information contained in this document or otherwise provided by Crowcon are based upon records, tests, or experience that the company believes to be reliable, but the accuracy, completeness, and representative nature of such information is not guaranteed.

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Specification

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| Target gas | Methane |
| Range | 1 to 50,000ppm.m (5%vol.m) |
| Units | ppm.m / %vol.m / %LEL.m |
| Accuracy | ±10% |
| Detection speed | 0.1 seconds |
| Detection distance | 0.5m to 30m / 1.5ft to 98ft (up to 100m / 328ft with reflector) |
| Size | 70 (W) x 179 (D) x 42 (H) mm (2.8 x 7 x 1.6 inches) |
| Weight | 600g |
| Calibration | Automatic self-calibration using internal reference cell |
| Battery Type | Rechargeable ni-MH |
| Operating time | 4 hours (3.5 hours Bluetooth connected) |
| Ingress protection | IP54 |
| Operating temperature | -17°C to +50°C (1°F to +122°F) |
| Certification | ATEX: II 2 G Ex ib op-pr/op-is IIA T1 Gb ATEX: I M2 Ex ib op-pr/op-is Laser Class 3R:5mW or less |
| Bluetooth (option at time of order) | Data link via GasViewer (Android OS) |
| Order codes | LMm C011246 – including one battery C011247 – including two batteries LMm with Bluetooth C011251 – including one battery C011252 – including two batteries |