

# LaserMethane mini

## Fast Methane Leak Detection

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



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## 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

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

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

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

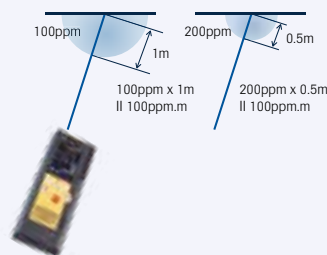
Now available as an option for the ATEX approved LMm, the GasViewer App provides:

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

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