

NL10 / NL10M

Portable Laser Gas Detector



Precision and functionality at the highest level

- **Detection from a distance:** a detection range of up to 100 meters enables safe and effective inspections in a variety of environments.
- **Advanced algorithms:** Intelligent mechanisms eliminate false alarms, ensuring the reliability of readings.
- **Bluetooth and mobile app:** connection to the app allows intuitive management and real-time monitoring of results.
- **Battery management technology:** The integrated system adapts to the ambient temperature, enabling operation for more than 12 hours, even in extremely cold conditions.



Durability and ergonomics

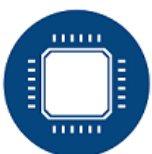
- **Protection class IP68:** total resistance to dust and water ensures reliability of the device in all conditions.
- **Compact design:** the flashlight-like detector is easy to carry and comfortable to use for long hours.
- **Ergonomic solutions:** The design of the device combines user comfort with superior performance, meeting the expectations of professional inspectors.



Fast verification and calibration

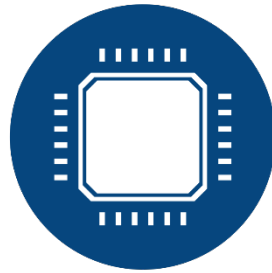
- **Test and calibration station:** Allows a quick check of the detector's performance and correctness, guaranteeing the highest level of safety and precision.

The **NL10 Portable Laser Gas Detector** is an indispensable tool for professionals, combining innovative technology with a robust and ergonomic design.



TECHNICAL SPECIFICATION:

Model:	NL10	NL10M
Sampling method:	Absorption Laser Spectroscopy (TDLAS)	
Sensitivity:	5 ppm·m	
Response time:	0,1 second	
Measurement range:	0 – 100000 ppm·m	
Max. Measure Distance:	100 meters	70 meters
Battery:	Li-ion >8 hours	
Software:	Alpha One	
Detected gas:	Methane (CH4)	
Detection laser type:	Class I, safety for eyes	
Indication laser type:	Class IIIR	
Protection class:	IP68	
Atex Class:	II 2G Ex ib IIC T4 Gb	
Acceptable temperature:	-20 ~ 50 °C	
Acceptable humidity:	<90%RH, without condensation	
Dimensions / Weight:	170x52x52mm / ok. 0,3 kg	



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