

LaserMethane Smart (LMS)

Compact Portable Methane Gas Detector

- Up to 30m searching range
- Laser co-axis digital camera
- Storing data on a cloud server
- Point and shoot technology
- Compact and lightweight
- Wide LCD display with touch panel
- Ni-MH rechargeable battery



Overview

The LaserMethane system is a cutting-edge solution for efficient leak control during routine inspections. With its ability to detect methane leaks from up to 30m away, workers can assess multiple potential leaks from a safe distance. The latest model includes a camera and communication device that can automatically send data to a cloud server.

Applications

- Gas leak inspection
- Repair & check
- Periodic inspection



Scan
 For More
 Information

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Common Specifications	
Model	LM2B3E-SBA (Bluetooth enables data storage via communication with the cloud) LM2B3E-SNA (No bluetooth)
Detection gas	Methane (CH4)
Detection range	1 ~ 50000 ppm×m
Detection accuracy	± 10 % (100 ~ 1000 ppm×m)
Detection response time	0.1 second
Detection distance	0.5m to 30m
Laser safety	Measurement light Class 1
	Guide light Class 3R
Dustproof, waterproof	IP54
Explosion safety	II 3 (1) G Ex ic [op-is Ga] II A T4 Gc
Wireless radio law	EU, China, Korea, Japan, U.S, Canada, Taiwan, Russia
Storage data	Micro SD Card
Transfer data	Send to Cloud Server via Android or IOS Devices
Operating temperature	-17 °C to +50 °C
Overall dimensions (wxdxh)	55 × 200 × 53 mm
Weight	500 g, including 4 batteries
Power supply	Commercial batteries AA (4pcs)
Operation time	>3.5 hours @25
Bluetooth	LM2B3E-SBA model only
Certified for explosion protection	IECEX and ATEX

*Batteries are not included with this device. Four batteries are required and must be supplied by the user.

Inspection Management Service

Complete Flow

1

Find Gas Leak

- Detects at up to 30m distant
- 0.1 sec Response
- High definition Camera



2

Create Reliable Inspection Records

- For Android & IOS; iPhone
- Simple in Function
- Specialized in Sending Data Only



3

Store Evidence on a Cloud Server

- Location of Inspection on Google Map
- Image of Measured Point
- Graph of Measured Data

