

Remote Laser Methane Leak Detector

FDL mini

Natural Gas Transmission Pipelines Survey Solution



Features

Truly Portable & Handheld

Lightweight
Compact Size

Only Methane Specific

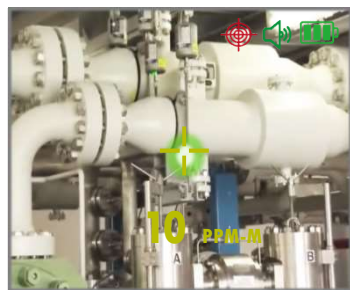
No False Alarm

Excellent Visual Supporting

Green Spotter Laser for Excellent Visibility & Outdoor Use
Built-in Camera
Digital View Finder Locating the Target in Sunlit Conditions
Full Color 2.8 Inch LCD Screen

Simple & User Friendly in Operation

No Pump and Filters Required
No Maintenance Required
Auto Check and Calibration
Intuitive User Interface
Visual & Audible Alarms
Bluetooth Link for Data Management



LCD Screen Digital View Finder





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Technical Specifications

Management Method:	Tunable Diode Laser Absorption Spectroscopy (TDLAS)
Target Gas:	Methane (CH ₄)
Management Range:	1 to 50,000 ppm-m
Detection Distance :	Up to 30m (100ft), Distance may vary depending on background type
Response Time :	Within 0.1 sec
Sensitivity :	10 ppm-m
Accuracy :	± 10
Display :	Full Color 2.8 Inch LCD Screen
Self-Test & Calibration :	Automatic calibration (built-in internal reference cell)
Laser Eye Safety :	Class 1 (IR Laser), Class 3R (Green Spotter Laser)
Operating Temperature :	-17°C to 50°C
Operating Humidity :	5 to 90% RH (non-condensing)
Intrinsic Safety :	Pending
Instrument Weight :	Less than 800g (with battery)
Battery Type :	Rechargeable Li-ion
Battery Run Time :	Approx. 4 hours at 25°C
Battery Charger :	Input 100-240VAC 50/60Hz, Output DC 8.4V / 1-1.5A
Charging Time :	5 to 6 hours
Size (mm) :	91 (W) x 200 (D) x 55 (H)

Specifications and description may be changed at any time based on improvements or other reasons.

FDL mini Kit Including



Instrument



Battery Pack



Power Adaptor



Charging Station



User's Guide



Carrying Case

SUNDOO ELECTRONICS Co., Ltd.

Address: Office 1004, SJ TechnoVill, 278, Beotkkot-ro, Geumcheon-gu, Seoul, Republic of Korea

Website: www.sdtron.co.kr

Email: sundoo97@sdtron.co.kr

Tel: +82-2-3397-3798 Fax: +82-2-3397-3292