

LASER ONE LITE



The **LASER ONE LITE** revolutionizes remote methane leak detection. By providing quick and accurate readings at up to 20m with its advanced TDLAS (tunable diode laser absorption spectroscopy) technology.

Moreover, the **LASER ONE LITE**'s compact size is one of its key benefits, enabling its usage in hard-to-reach areas. Where traditional leak detectors are inapplicable. This device eliminates the need to climb to elevated areas, access fenced-in properties, or directly access the gas plume. Providing a safe and cost-effective remedy for remote methane leak detection.

In addition to its remote methane detection capabilities, the **LASER ONE LITE** comes at a competitive price. Making it a cost-effective option for businesses and industries that require methane detection.

FEATURES

- ✓ Fast response time($\leq 0.1s$)
- ✓ Ultra-light weight(370g)
- ✓ Rechargeable battery type
- ✓ Buzzer, LED Lamp, Vibrator alarms
- ✓ Over 1hours operation time
- ✓ Color LCD display

SPECIFICATION

기술 규격

Measuring range	0~5,000 ppm.m
Accuracy	±10%@0~1,000 ppm.m
Response time	≤0.1s
Detection length	0.5~20m
Resolution	1 ppm.m
Display	Color LCD display
Size	130(h)x55(w)x31(d)mm
Weight	370g
Housing material	Aluminum 6061
Laser type	Sensing: Near-Infrared(1650nm), Class IIIR Laser point: Green(532nm), Class IIIB
Operating Temperature	-20 ~ +50°C
Operating Humidity	0 ~ 98% non-condensing
Operating Pressure	68kPa~115kPa
Storage Temperature	-40 ~ +60°C
Operating power	3.5~4.2 VDC
Power consumption	≤2W
Battery type	Lithium ion Polymer rechargeable battery, 5000mAh
Operating time	≥12 hours
Battery life	2~3 years
Power adapter	Input: 100~240 VAC 50/60Hz Output: 5VDC