

GAS•TRAC® LZ-30

Hand-Held Laser Remote Gas Leak Detector



GAS•TRAC® LZ-30 safely and quickly detects methane leaks.

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Quickly and safely detect methane gas leaks in difficult to reach areas.

The LZ-30 from SENSIT Technologies is a compact methane-specific leak detector that provides fast and accurate readings at distances up to 100 feet.

The LZ-30 utilizes TDLAS (tunable diode laser absorption spectroscopy) technology to provide instantaneous and accurate responses to the presence of methane gas as low as 5 ppm-m.

Designed to be competitively priced, the LZ-30 is perfect for hard to reach areas, eliminating the need to directly access the gas plume, climb to elevated areas, or access fenced-in property, or other potentially hazardous situations.



Standard Features

- Methane selective
- Continuous detection
- Adjustable alarm points (visual & audible)
- Intrinsically safe design
- Ergonomic design
- Easy to maintain
- Cal Cell integrated in carrying case
- Rechargeable battery
- Low cost of ownership
- 2-year warranty (including battery)



Applications

Natural Gas Industry

- Upstream
- Midstream
- Downstream

Emergency Response

- Fire, Hazmat and Rescue

Industrial

- Steel Industry
- Petrochemical Facilities
- Paper and Pulp Production
- Many More!



STANDARD KIT

Charger Base with Wall Transformer
 Hard Carrying Case
 Wrist Strap
 Integrated Calibration/Bump Test Cell
 Instruction Manual

SPECIFICATIONS

Detection Technology:	Tunable Diode Laser Absorption Spectroscopy (TDLAS)
Methane Detection Range:	0-40,000ppm-m in 1ppm-m increments
Sensitivity:	5ppm-m \leq 15m (50ft)/10ppm-m \leq 30m (100ft) @ \geq 300ppm-m
Response Time:	\leq 0.1 seconds
Detection Distance:	0.5m to 30m (1.5' to 100')
	Distance may vary depending on reflection
Distance Indicator:	0.2m to 30m (6" to 100')
	Range may vary depending on reflection
Beam Dimension:	Conical, 20cm diameter at 30m (8" at 100')
Alarms:	Adjustable threshold alarm with baseline: Visual and audible
Warnings:	High/Low reflection, low battery
Calibration/Bump Test:	Carrying case incorporates calibration/bump test cell.
Laser classifications:	IR laser (methane detection) Class 3R
	Target laser (green) Class 3R
	Distance laser (red) Class 3R
Communication:	Data log via Bluetooth. Supported by Android.
Display:	OLED
Operational Temp:	-20C to 50C (-4F to 122F)
Storage Temp:	-40C to 60C (-40F to 140F)
Humidity:	5 to 95% non-condensing
Enclosure:	Designed to meet IP54
Intrinsic Safety:	Designed to meet US and ATEX
Weight:	300g (0.7lbs)
Size:	164mm (6.5") x 78mm (3.0") x 36mm (1.5")
Power Source:	Internal Lithium Ion
Battery Life:	6 Hours Continuous
Recharge Time:	3 to 4 Hours



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