

GAS•TRAC® LZ-30

Hand-Held Laser Remote Gas Leak Detector



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

GAS • TRAC® LZ-30

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.

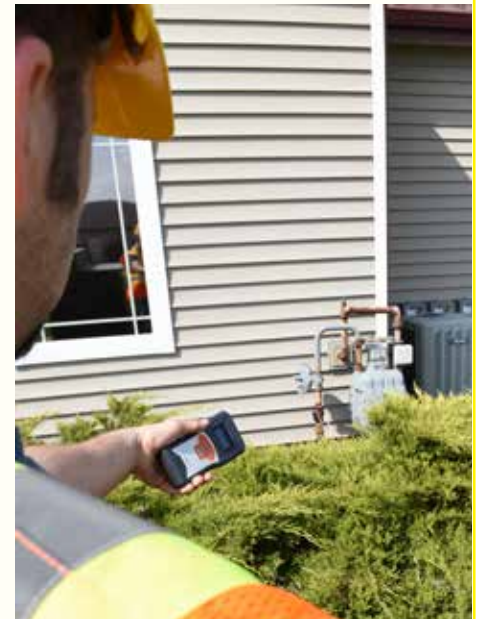
The LZ-30 utilizes TDLAS (tunable diode laser absorption spectroscopy) technology to provide instantaneous and accurate responses to the presence of methane.

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, access fenced-in property and potentially hazardous situations through windows.



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
- Industry Leading 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: | 0-50,000ppm-m in 1ppm-m increments |
| Sensitivity: | 5ppm-m ≤ 15m (50ft)/10ppm-m ≤ 30m (100ft) @ ≥ 300ppm-m |
| Response Time: | ≤ 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, audible, and tactile |
| 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: | 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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SENSIT Technologies
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