

# 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.

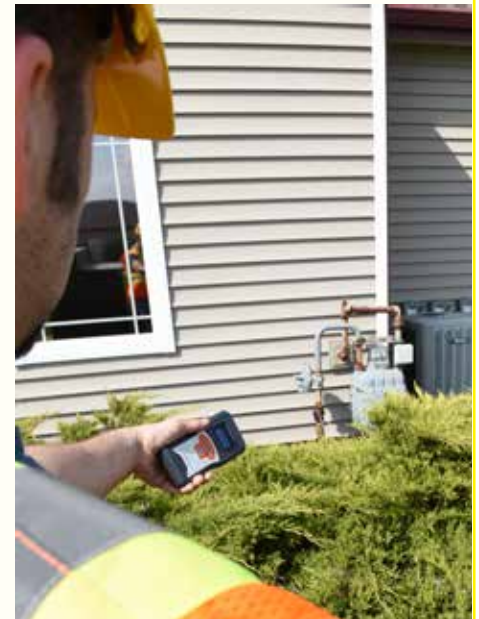
The LZ-30 utilizes TDLAS (tunable diode laser absorption spectroscopy) technology to provide instantaneous and accurate responses to the presence of methane.

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')<br>Distance may vary depending on reflection                                 |
| Distance Indicator:      | 0.2m to 30m (6" to 100')<br>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<br>Target laser (green) Class 3R<br>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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