

GAS•TRAC LZ30

L A S E R M E T H A N E G A S D E T E C T O R



Methane Selective

Continuous Detection

100 Ft Detection Range

Visual, Audible & Tactile Alarms



Optics by ACUTECH



Innovative Detection Solutions

www.gasleaksensors.com

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.

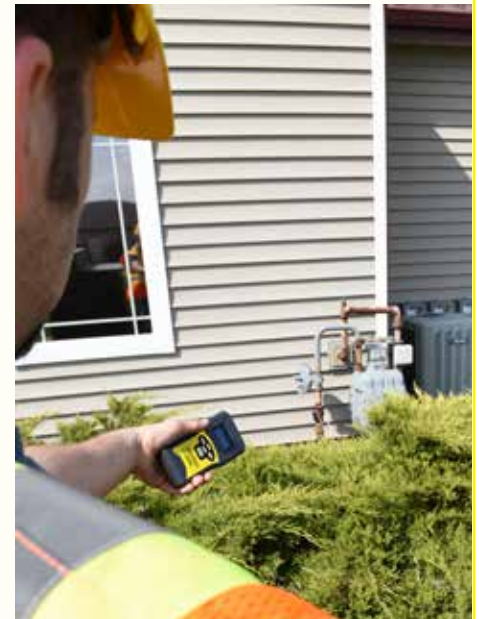
The LZ-30 utilizes TDLAS (tunable diode laser absorption spectroscopy) technology to provide instantaneous and accurate responses to the presence of methane.

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

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

LANGUAGES SUPPORTED

- English
- French
- German
- Italian
- Polish
- Spanish

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
Languages Supported:	English, French, German, Italian, Polish, Spanish

GAS•TRAC® LZ30 Accessories & Replacement Parts



Hard Carrying Case with Foam

Part # 872-00035



Protective Boot

Part # 870-00098



Calibration / Bump Test Cell

Part # 882-00150-SN



Charging Kit with Power Supply

Part # 871-00074
For Units With Protective Boot



Wrist Strap

Part # 360-00040



LZ30 Instruction Manual

Part # 750-00080	English
Part # 750-00080-01	French
Part # 750-00080-02	German
Part # 750-00080-03	Italian
Part # 750-00080-04	Polish
Part # 750-00080-05	Spanish



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SENSIT Technologies
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