

GAS TRAC[®] LZ30

METHANE GAS DETECTOR

QUICKLY AND SAFELY DETECT METHANE GAS LEAKS IN DIFFICULT TO REACH AREAS.



The **LZ-30** from SENSIT Technologies is a compact methanespecific 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.

SMART-LINK LIVE application meets the growing demand for tracking and traceability. It allows the user to keep their eyes on the target while data streaming from the **LZ-30** is captured within the application. The application logs date, time, GPS coordinates and gas measurements. Sessions can be exported from the phone/tablet in multiple formats. With built-in picture capture, the user can associate any reading with a picture or even report a corrosion issue.

STANDARD FEATURES

Methane Selective	Rechargeable Battery
Continuous Detection	Low Cost of Ownership
Adjustable Alarm Points (Visual & Audible)	Industry Leading 2-year Warranty (Including Battery)
Intrinsically Safe Design	SMART-CAL 360 Compatible (Automatic Calibration/Bump Testing)
Ergonomic Design	SERVICE 360 Compatible (Firmware Updates)
Easy to Maintain	SMART-LINK 360 Compatible (Download Logs)
Cal Cell Integrated in Carrying Case	GIS 360 Compatible (Real-Time Mapping/Logging)

APPLICATIONS

Natural Gas Industry
Upstream Midstream Downstream
Emergency Response
Fire, Hazmat & Rescue
Industrial
Steel Industry Petrochemical Facilities Paper & 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

SMART-LINK LIVE

- ✓ Free 30-day Trial
- ✓ Route mapping (GPS Coordinates, PPM·M, Date/Time)
- ✓ Real Time Tracking
- ✓ Capture (Pictures/Videos)
- ✓ Exportable (.CSV/.PDF/.KML File Formats)
- ✓ Session Naming
- ✓ Data Filtering
- ✓ Built-in Database w/Backup
- ✓ Android & iOS Support










PRODUCT SPECIFICATIONS

Size:	164mm (6.5") x 78mm (3.0") x 36mm (1.5")	Communication:	Bluetooth. Supported by Android & iOS
Weight:	300g (0.7lbs)	Laser Classification:	IR laser (methane detection) Class 3R Target laser (green) Class 3R Distance laser (red) Class 3R
Operational Temp:	-20C to 45C (-4F to 113F)	Calibration/Bump Test:	Carrying case incorporates calibration/bump test cell.
Storage Temp:	-40C to 60C (-40F to 140F)	Detection Technology:	Tunable Diode Laser Absorption Spectroscopy (TDLAS)
Storage/Operational Humidity:	≤98% non-condensing	Methane Detection Range:	0-50,000ppm·m in 1ppm·m increments
Power:	Internal Lithium Ion	Sensitivity:	5ppm·m ≤15m (50ft)/10ppm·m ≤30m (100ft) @ > 300ppm·m
Battery Life:	6.5 Hours Continuous	Response Time:	< 0.1 seconds
Recharge Time:	3 to 4 Hours	Detection Distance:	0.5m to 30m (1.5' to 100') Distance may vary depending on reflection
Intrinsic Safety:	UL CSA	Distance Indicator:	0.2m to 30m (6" to 100') Range may vary depending on reflection
Enclosure:	IP64	Beam Dimension:	Conical, 20cm diameter at 30m (8" at 100')
Display:	OLED	Alarms:	Adjustable threshold alarm with baseline: Visual, audible, and tactile
Calibration Accuracy:	±10%	Warnings:	High/Low reflection, low battery

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ACCESSORIES & REPLACEMENT PARTS

 <p>Hard Carrying Case with Foam Part # 872-00035</p>	 <p>Protective Boot Part # 870-00098</p>	 <p>Calibration / Bump Test Cell Part # 882-00150-SN</p>	 <p>Charging Kit with Power Supply Part # 871-000?? For IS Units</p>
 <p>Wrist Strap Part # 360-00040</p>	 <p>Training Cells with Case Part # 882-00161</p>	 <p>Instruction Manual Part # 750-00096</p>	<p>Charging Base Part # 871-00098 For IS Unites</p> <p>Power Supply for Charging Base Part # 871-00078</p>

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