

GAS TRAC[®] LZ50

LASER METHANE GAS DETECTOR

2 INDUSTRY LEADING
YEAR WARRANTY



- ✓ **TARGET GPS** for Precise Leak Detection & Data Accuracy
- ✓ **Methane Selective**
- ✓ **Enhanced Datalogging & Visualization**
- ✓ **On Board Camera for Video, Photos, Zoom**

COMPATIBLE WITH



SENSIT
Technologies


Optics by ACUTECH

GAS•TRAC® LZ50

LASER METHANE GAS DETECTOR

FAST DETECTION. SEAMLESS DATA VISUALIZATION. WORKER AND COMMUNITY PROTECTION.



The **GAS•TRAC® LZ-50** is an innovative handheld methane gas detector that provides instantaneous readings from a distance to the target of up to 164'. Its revolutionary laser photonics combined with breakthrough technology, **TARGET•GPS**, makes it the clear choice in remote laser methane detection.

Lightweight and easy to use, **GAS•TRAC® LZ-50** features an on-board camera for photos and videos. Data is captured at the rate of 10 readings per second and can be visualized via **SENSIT Technologies GIS 360** software. **SENSIT's** exclusive **TARGET•GPS** technology improves the accuracy of reporting and tracking methane emissions.

Detect fugitive methane emissions and leaks quickly, without entering the gas plume.

STANDARD FEATURES

Continuous Methane Selective Detection	Ergonomic Design
Integrated TARGET•GPS	Intrinsically Safe Design
Camera for Photos/Videos with Digital Zoom	Rubberized Over Molded Housing
Calibration/Bump Test Cell Integrated in Carrying Case	SMART-CAL 360 Compatible (Automatic Calibration/Bump Testing)
Visual, Audible and Tactile Alarms	SERVICE 360 Compatible (Firmware Updates)
Rechargeable Li-ion Battery	SMART-LINK 360 Compatible (Download Logs)
Integrated Data Collection with Wireless Data Transfer (Wi-fi Direct)	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!

GAS•TRAC® LZ-50 Accessories & Replacement Parts

Hard Carrying Case	Part # 872-00039	Shoulder Strap	Part # 360-00727
Battery Charger with Wall Transformer	Part # 871-00067	Instruction Manual	Part # 750-00081
Integrated Calibration/Bump Test Cell	Part # 882-00150-SN	Available Languages:	English



- CAMERA
- IR/SPOTTER/
DISTANCE LASER
- COLOR TOUCH SCREEN DISPLAY
- POWER BUTTON/
START-STOP MEASUREMENT
- TRIGGER/
ZOOM | PICTURE | VIDEO
- CHARGING PORT

STANDARD KIT

- Battery Charger with Wall Transformer and International Power Adapter
- Hard Carrying Case
- Integrated Calibration/Bump Test Cell
- Instruction Manual
- Shoulder Strap



PRODUCT SPECIFICATIONS

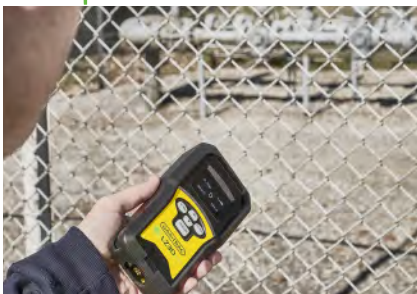
Size:	13.9in X 4.9in X 6.4in (35.3cm x 12.5cm x 16.3cm)	Communication:	Wi-Fi Direct, Bluetooth (BLE)
Weight:	3.9 Lb. (1.75kg)	Laser Classification:	IR laser (methane detection) Class 3R Target laser (green) Class 3R Distance laser (red) Class 3R
Operational Temp:	-20C° to 50C° (-4F° to 122F°)	Calibration/Bump 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:	≤95% non-condensing	Methane Detection Range:	0-99,999ppm-m in 1ppm-m increments
Power:	Removable Lithium Ion (15Ah)	Sensitivity:	5ppm-m ≤15m (50ft)/10ppm-m ≤50m (164ft) @ > 300ppm-m
Battery Life:	9 Hours continuous	Response Time:	< 0.1 seconds
Recharge Time:	5 hours	Detection Distance:	0.5m to 50m (1.5' to 164') Distance may vary depending on reflection
Intrinsic Safety:	Designed to meet US and ATEX	Distance Indicator:	0.2m to 30m (6" to 100') Range may vary depending on reflection
Enclosure:	Designed to Meet IP54	Beam Dimension:	Conical, 60cm diameter at 50m (24" at 164')
Camera:	13Mp	Alarms:	Adjustable threshold alarm with baseline: Visual, audible, and tactile (vibrating motor)
Display:	4.1" (10.4cm) LCD with Incorporated "cross hair" for target acquisition	Warnings:	Low Reflection, High Reflection, Low Battery, High Methane

GAS•TRAC LZ

REMOTE METHANE GAS DETECTORS

Gas•Trac LZ Series quickly and safely detects methane at distances ranging from 100 ft up to 164 ft (50 meters), keeping workers at a safe distance and out of the gas plume.

GOOD



- ✓ 100' Detection Range
- ✓ Methane Selective
- ✓ Perfect 1st Response Tool
- ✓ Detects Through Most Windows
- ✓ On-Board Distance Laser
- ✓ Visual, Audible, Tactile Alarms
- ✓ Instantaneous Response
- ✓ Powerful, Pocket-Size Detector
- ✓ Industry Leading 2-Year Warranty

BETTER



LZ-30 Features PLUS:

- ✓ Real-time tracking
- ✓ GPS Route Mapping
- ✓ Streaming readings
- ✓ Exportable data
- ✓ Android only (IOS coming soon)

BEST

GAS•TRAC® LZ50

METHANE GAS DETECTOR



- ✓ 164' Detection Range
- ✓ Methane Selective
- ✓ High Sensitivity & Fast Detection
- ✓ TARGET GPS for Unmatched Data & Location Accuracy
- ✓ Enhanced Datalogging, Visualization
- ✓ Photo, Video Capabilities w/Zoom
- ✓ On-board Distance Laser



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SENSIT Technologies
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