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, TARGETGPS, (COMING SOON) 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.

APPLICATIONS

STANDARD FEATURES

Continuous Methane Selective Detection Ergonomic Design **Natural Gas Industry** Integrated TARGET (COMING SOON) Intrinsically Safe Design Upstream | Midstream | Downstream Camera for Photos/Videos with Digital Zoom Rubberized Over Molded Housing **Emergency Response** Calibration/Bump Test Cell Integrated SMART-CAL 360 Compatible Fire, Hazmat & Rescue (Automatic Calibration/Bump Testing) in Carrying Case **SERVICE 360** Compatible Visual, Audible and Tactile Alarms **Industrial** (Firmware Updates) SMART-LINK 360 Compatible Rechargeable Li-ion Battery Steel Industry | Petrochemical Facilities | Paper & Pulp Production (Download Logs) Integrated Data Collection GIS 360 Compatible Many More! with Wireless Data Transfer (Wi-fi Direct) (Real-Time Mapping/Logging)

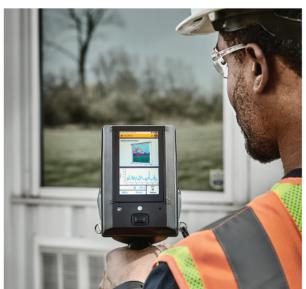
GAS • TRAC® LZ-50 Accessories & Replacement Parts

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



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:	13Мр	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.

BETTER

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

GAS•TRAC





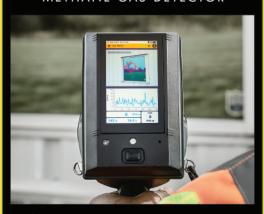
LZ-30 Features PLUS:

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

BEST

GAS TRAC® LZ50

METHANE GAS DETECTOR



- **⊘** Methane Selective
- **♂** High Sensitivity & Fast Detection
- ✓ TARGET©PS for Unmatched Data & Location Accuracy
- Enhanced Datalogging, Visualization
- **♂** Photo, Video Capabilities w/Zoom
- **♂** On-board Distance Laser









