GAS•TRAC LZ30
LASER METHANE GAS DETECTOR

Methane Selective
Continuous Detection
100 Ft Detection Range
Visual, Audible & Tactile Alarms

INDUSTRY LEADING 2 YEAR WARRANTY

Optics by ACUTECT

Innovative Detection Solutions
www.gasleaksensors.com
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!
**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

**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
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

Distributed by:

SENSIT Technologies
851 Transport Drive
Valparaiso, IN 46383-8432

Phone: 888 4SENSIT
888 473 6748
219 465 2700

Fax: 219 465 2701
www.gasleaksensors.com

SENSIT Technologies is an ISO 9001:2015 certified company.