

SUBJECT: INFORMING THE ASSEMBLY OF THE MANAGER'S SIGNATURE ON, AND ELECTRONIC SUBMITAL OF, A DEPARTMENT OF EMERGENCY SERVICES GRANT APPLICATION FOR THE LEARY FIREFIGHTERS FOUNDATION JEREMIAH LUCEY GRANT PROGRAM REQUESTING THE PURCHASE AND DELIVERY OF TWO COMPACT METHANE GAS LEAK DETECTORS.

AGENDA OF: November 18, 2025

ASSEMBLY ACTION:

AGENDA ACTION REQUESTED: For information only.

Route To	Signatures
Originator	 Recoverable Signature X Kirstie Starr-Watson Signed by: Kirstie Starr-Watson
Department/Finance Director	 Recoverable Signature X Cheyenne Heindel Signed by: Cheyenne Heindel
Borough Attorney	 Expired certificate X Nicholas Spiropoulos Signed by: Nicholas Spiropoulos
Borough Manager	 Recoverable Signature X Michael Brown Signed by: Michael Brown
Borough Clerk	X Brenda J. Henry for Signed by: Brenda Henry 10/20/2025

ATTACHMENT (S): Grant Application (16 pp)
Product Brochure (4 PP)

SUMMARY STATEMENT: The Finance Department, in coordination with the Department of Emergency Services, submitted a letter of inquiry (LOI) to the Leary Firefighters Foundation Jeremiah Lucey Grant Program on August 13, 2025. On September 27, 2025, the Borough was invited to submit a grant application to the foundation; this was completed on October 13, 2025. If awarded, the foundation will purchase two Sensit Gas Trac LZ-30 Compact Methane Leak Detector kits, quoted at \$28,582.32, which will be shipped to the Borough.

These detectors will enable responders to detect natural gas leaks from up to one hundred feet away and will enhance resident and responder safety.

The Leary Firefighters Foundation was established in 2000 by actor Denis Leary in response to a tragic fire in Worcester, Massachusetts, that claimed the lives of his cousin, a childhood friend, and four other brave firefighters. The foundation considers grant requests for training, equipment, and technology for paid and volunteer fire departments throughout the United States.

Application: Natural Gas Detection Equipment

Matanuska-Susitna Borough
Leary Firefighters Foundation (2025)

Summary

ID: 0000001288
Status: In Review
Last submitted: Oct 13 2025 10:51 AM (AKDT)

Letter of Inquiry

Completed - Aug 12 2025

Letter of Inquiry Form

Department Information

Name of Department	Matanuska-Susitna Borough Department of Emergency Services
Address	350 E Dahlia Ave
Town/City	Palmer
COUNTY,NOT COUNTRY	Mat-Su
State	Alaska
Zip Code	99645

Is the delivery address the same as above?

Yes

Department Type

Combined

Department Size:

48 paid and 170 volunteer firefighters across 7 departments

Population of Area Served:

116,313

Contact Information**Primary Contact Person**

Name	Kirstie Starr-Watson
Rank	Grants Coordinator
Telephone Number	907-861-8633
Email	kirstie.starr-watson@matsugov.us
Dept. Head Same as Primary Contact Person	

Department Head

Name	Ken Barkley
Rank	Director
Telephone Number	907-861-8001
Email	Ken.Barkley@matsugov.us

Tax Exempt Status

Are you a 501(c)(3) registered charity?

No

OR

Are you a tax exempt agency/organization?

Yes

Federal Tax ID Number (EIN)

92-0030816

Please upload your proof of tax exemption.

[MSB Tax Exemption Certificate.pdf](#)

Filename: MSB Tax Exemption Certificate.pdf **Size:** 200.9 kB

Grant Request Information

Type of Grant

Responses Selected:

Other: : Remote Methane Leak Detector

Estimated Value of Grant Requested

Cost of Equipment/Training Facility/Vehicle/Etc.	27480
Cost of Tax on Equipment/Training Facility/Vehicle/Etc.	
Cost of Shipping on Equipment/Training Facility/Vehicle/Etc.	
Additional Fees	
Total	27480.0

Describe how the grant will be utilized and the timeline for implementation.

The Matanuska-Susitna Borough (MSB), Alaska, Department of Emergency Services (DES) is seeking a Leary Firefighters Foundation - Jeremiah Lucey Grant Program grant to fund the purchase of two (2) Sensit LZ 30 compact methane-specific leak detectors. In a region that relies heavily on natural gas (methane) in commercial and residential structures, this equipment will allow firefighters to determine whether possible explosive hazards exist when responding to natural gas-related calls, including odors, leaks, and ruptured lines. With the ability to detect methane concentrations up to 100 feet away, these detectors will be a valuable tool to determine if there is an imminent threat to responders and the public. The ability to quickly assess natural gas concentrations in multiple areas will allow responders to evacuate and isolate hazardous areas.

If MSB DES is invited to apply for and is subsequently awarded the Leary Firefighters Foundation grant, the funding must be accepted and appropriated by the Borough Assembly. MSB Purchasing Division will issue a Request for Quotations (RFQ) through the online procurement portal. A quote will be selected following Borough code and internal policies and procedures. A purchase order will be created, and the equipment will be ordered from the selected vendor. This process will take between two and three months to complete. Upon delivery, training will commence on the safe use of these detectors. ENSTAR, the local natural gas utility, uses similar equipment and will assist with training if needed. Once training is completed, the compact methane-specific leak detectors will be placed immediately in service for use by responding personnel. The timeline for full implementation is expected to be approximately one year.

Why is your department requesting this grant? What challenges does your department face?

The Matanuska-Susitna Borough (MSB) Department of Emergency Services (DES) responds to an increasing number of natural gas emergencies each year. DES provides life and property protection across a mixed urban and rural area roughly the size of West Virginia. DES consists of 20 fire stations across seven fire service areas providing fire, rescue, EMS, hazardous materials response, emergency management, and essential support, including telecommunications and fleet maintenance, for a population of just over 116,000. DES currently has small gas detectors, which measure natural gas in the immediate vicinity. Grant funding to purchase two Sensit LZ 30 compact methane-specific leak detectors, which remotely measure natural gas concentrations from up to 100 feet, will provide a tool that enhances safety for the public and responders.

MSB is a region with many scattered rural and low-income areas. Building permits are not required for single-family homes in the MSB, and homeowners do not always build to code. Home appliances are not always maintained correctly. According to a 2023 report published by the Alaska State Fire Marshal (<https://dps.alaska.gov/getmedia/f5ba2013-9b8b-4d41-b4cf-e3f4e124d240/2023-FireinAK>), MSB has the highest incidence of fires in the state per capita. In recent years, several high-profile gas explosions have impacted fire departments like ours across the country. Some of these incidents have resulted in injuries and the deaths of responders. In December 2022, a natural gas leak in a local residence under construction caused an explosion, destroying the structure and seriously injuring a contractor. DES did not have the equipment to detect natural gas remotely, creating a potentially hazardous situation for responders. The funding to purchase two compact methane-specific leak detectors will help responders to quickly and efficiently develop a strategy when responding to calls where a natural gas hazard exists.

According to the Alaska Department of Labor and Workforce Development's Research and Analysis Division, the MSB population is expected to increase by more than 28% between 2023 and 2050 (<https://live.laborstats.alaska.gov/article/alaska-population-projections>). This population growth significantly outpaces DES staffing levels, and cost increases surpass budget increases. Aging facilities, apparatus, and equipment are prioritized for repair and replacement within the constraints of the DES annual budget; "needs" come first, typically leaving no room for "wants".

What steps have been taken and/or commitments made by your department/jurisdiction to try to meet this need of the department?

MSB DES frequently trains responders on the hazards associated with natural gas leaks, and has developed policies and procedures that must be followed when responding to odor, leak, ruptured line, and fire calls. The current annual budget does not provide funding for compact methane-specific leak detection equipment. ENSTAR, the local natural gas utility, has remote detection equipment and staff on-call to assist responders on calls. But when every second counts, it is critical that DES has the essential equipment to keep firefighters and the public as safe as possible.

Have reached out to your municipality for funding?

Yes

Have any other sources been approached for support of this project?

No

Please list any other sources approached for support of this project:

N/A

501(c)(3)

Incomplete
Company: None
Country: None
Ein: None
State: None

Supplemental Documentation

Completed - Aug 12 2025

Kindly upload a brief Letter of Inquiry. *Please note this request must be submitted by the Chief of the department or the Chief of Training.*

[MSB Letter of Inquiry](#)

Filename: MSB_Letter_of_Inquiry.pdf Size: 332.5 kB

Full Application - Cover Sheet

Full Application - Cover Sheet

Department Information

Name of Department	Matanuska-Susitna Borough Department of Emergency Services
Address	350 E Dahlia Ave
Town/City	Palmer
County	Matanuska-Susitna
State	Alaska
Zip Code	99645

Department Type

Paid

Department Size:

48 paid and 170 volunteer firefighters across 7 departments

Population of Area Served:

116,313

Number of Calls Per Year:

4292

Fire Chief/Commissioner

Name	Brian Davis
Telephone Number	907-861-8003
Email	bdavis@matsugov.us

Contact Information**Primary Contact Person**

Name	Kirstie Starr-Watson
Rank	Grants Coordinator
Telephone Number	907-861-8633
Email	kirstie.starr-watson@matsugov.us
Dept. Head Same as Primary Contact Person	

Department Head

Name	Ken Barkley
Rank	Director of Emergency Services
Telephone Number	907-861-8001
Email	ken.barkley@matsugov.us

Grant Request Information**Type of Grant**

Other, please specify...: Compact Methane Gas Detector kits

Grant request (exact cost):

\$ 28,582.32

Specific Request

We are requesting 2 each Sensit GasTrac LZ-30 Compact Methane Gas Detector kits.

Department Budget

\$ 30,317,854

Town/City/Jurisdiction Budget

\$ 484,870,458

Full Proposal Narrative

Completed - Oct 13 2025

Please upload a Full Proposal Narrative from the Fire Chief on Department Letterhead.

It is important to have a very succinct, clear summary of your proposal.

Please summarize the following:

- Department history and overview;
- Specific grant request, purpose and problem to be addressed (please include photos when possible and if relevant);
- What positive effects will the grant specifically have? Please use statistics when possible.
- A particular instance where the life of a firefighter would have been positively impacted if your department already had this training, equipment, or technology
- Outline financial challenges that exist in securing this grant from your town/city. Reference any other sources being approached for support of this project.
- Anticipated outcomes and results, and how you will report results to the Leary Firefighters Foundation.
- If you have previously received a grant from the Foundation, please indicate the grant, purpose, impact, and time period.
- Please include along with any other information you think is relevant in our assessment of your request.

[MSB Leary Firefighters Foundation Application](#)

Filename: f2f673c3728f4530b17263ed03f3dcae.pdf **Size:** 179.2 kB

Budgets

Completed - Oct 10 2025

In order to assess your department's need, we request that you share your department's most recent budget as well as your town/city's most recent budget. This will help us determine the financial need that exists in your municipality and current funding that your department is already receiving.

[MSB FSA FY2026 Budget](#)

Filename: 4e95e3a19813456a940d579029a47566.pdf Size: 4.4 MB

[FY2026 MSB Budget](#)

Filename: b92dadbe31644a5e9d13a0de9d4bf12f.pdf Size: 53.2 MB

Quote

Completed - Oct 10 2025

Please include a competitively priced quote from a vendor for the technology, training or equipment you are requesting. **This quote should be exact and not an estimate***. Should your department be chosen to receive a grant, we will reach out to that vendor and work with them to facilitate the purchase of the grant. Please note we may ask you to reach out to other vendors if we do not think this quote is competitive. **Departments will be responsible for any costs (i.e. fees, shipping, installation, etc.) if not included in the submitted quote.*

[All Safe Industries - Sensit LZ-30 Quote](#)

Filename: 6e8f2d35cbcb4d89bb29aecb349005e8.pdf Size: 61.7 kB



MATANUSKA-SUSITNA BOROUGH
Department of Emergency Services
680 N Seward Meridian Pkwy, Wasilla, AK 99654
(907) 861-8000 * Fax (907) 861-8014

August 07, 2025

The Leary Firefighters Foundation
P.O. Box 107
New York, NY 10116

Dear Leary Firefighters Foundation Review Committee,

On behalf of the Matanuska-Susitna Borough Department of Emergency Services, I am writing to submit a Letter of Inquiry regarding potential grant funding for two **Senst LZ 30 Gas Detectors**. These advanced detectors provide critical stand-off natural gas detection—alerting responders to hazardous concentrations from up to 100 feet away—thereby significantly enhancing responder safety and situational awareness during gas-related emergencies. They also maximize available staffing by allowing smaller crews to remotely verify risk in multiple areas from a safe distance.

The Department of Emergency Services is the governmental parent organization for 7 individual fire service areas covering a large portion of south-central Alaska. Our area is equivalent in size to West Virginia. These fire service areas range from very small paid-on-call departments to a combination department in the more densely populated area, and each are responsible for their own funding.

Our borough, which includes numerous small and geographically dispersed fire service areas, relies heavily on natural gas infrastructure. As a result, our responders are frequently dispatched to suspected gas leaks or odor calls, many in high-risk residential and commercial settings.

Recent high-profile incidents underscore the dangers of natural gas: the **Sterling, Virginia explosion** in 2022, the **Sun Prairie, Wisconsin blast** in 2018, and the **Los Angeles truck explosion** in 2023—all of which resulted in serious firefighter injuries or fatalities. These tragedies highlight the urgent need for enhanced early detection tools that allow responders to evaluate threats from a safe distance.

The two Senst LZ 30 detectors requested would be distributed to maximize coverage, ensuring more equitable and effective protection for both our personnel and the communities we serve.

We respectfully request your consideration and would welcome the opportunity to submit a full proposal or speak further at your convenience.

Sincerely,

Brian Davis
Deputy-Director of Fire/Rescue



MATANUSKA-SUSITNA BOROUGH

Department of Emergency Services

680 N Seward Meridian Pkwy, Wasilla, AK 99654

(907) 861-8000 * Fax (907) 861-8014

History

Emergency services in the Matanuska-Susitna Borough (MSB) have a long and diverse history. Local fire, rescue, and emergency medical services were initially established in individual communities on a volunteer basis by residents. Over the last 40 years, MSB Department Emergency Services (DES) has evolved into the modern emergency services organization it is today, serving residents over a 25,000 square mile area, which is roughly the size of West Virginia.

Fire protection services in the area often began in private barns and garages with make-shift apparatus. At one point, there were 12 different active fire departments across the MSB. There was originally no coordination between these departments, and no public funding to support them. In 1982, a major arson fire at Iditarod Elementary School in Wasilla helped spark change.

In the aftermath of the fire, area Fire Chiefs and representatives from the Borough identified significant issues and gaps in service. This led to the development of plans for mutual aid and better coordination between the departments. Standardized equipment and supplies, including common communications and fire hoses, were addressed. The establishment of non-area-wide funding for fire protection via official Fire Service Areas (FSAs) was an eventual result of increased cooperation. Improvements continued from there, leading to the eventual merger of several fire departments, which created the larger coordinated fire districts we know today.

Run volume and demand for service grew in concert with the population of the Borough, and MSB DES has evolved from an all-volunteer system to a paid on-call system for responders. Over the last decade, the department has expanded to include full-time employees, augmenting its staff in both administrative and emergency response roles. 48 full-time and 170 paid-on-call firefighters currently provide emergency response from seven fire stations throughout the Borough. DES has expanded to an all-hazards response agency comprised of fire, rescue, EMS, hazardous materials response, emergency management, and the necessary support to help them function, such as telecommunications and fleet maintenance.

As the Borough continues to grow, DES strives to ensure high-quality emergency services keep pace. The mix of volunteer, paid on-call, full-time, and part-time employees is committed to service and embodies the core values of *Integrity*, *Selflessness*, and *Excellence*. Some of the very first responders who founded the local fire departments are still active in DES after nearly 40 years.

Request, Purpose, and Problem to be Addressed

DES is committed to ensuring the safety needs of the Borough are met quickly, efficiently, and professionally. The Borough is a mixed urban, suburban, and rural region that is heavily reliant on natural gas. Building permits are not required for single-family homes, and homeowners do not always build to code. According to a 2023 report published by the [Alaska State Fire Marshal](#), MSB has the highest incidence of fires per capita in the state.

The addition of two Sensit Gas Trac LZ-30 Compact Methane Detector kits will be an indispensable tool for firefighters responding to fires and suspected natural gas leaks or odor calls. MSB received two quotes for these units, with the lowest being \$14,248.78 each plus \$84.76 estimated shipping, for a total of \$28,582.32.

While some firefighters currently use small portable units, they only detect methane in the immediate vicinity. The ability to remotely detect natural gas from up to 100 feet away gives responders the ability to quickly determine whether there is an imminent threat to themselves and the public, ensuring hazardous areas can be immediately evacuated and isolated. DES will collaborate with ENSTAR, the local natural gas utility, to train responders on the use of the detectors.

Effects and Impact

MSB is located in the southcentral region of Alaska, which is seismically active. In 2018, a magnitude 7.1 earthquake struck southcentral Alaska, disrupting utilities and damaging roads and structures. Emergency dispatch received calls in the aftermath from residents and businesses reporting suspected natural gas leaks and odors. The number of reports was overwhelming for the local natural gas utility. Having compact methane detector kits available in this situation would have allowed responders to provide additional support to the community in the safest and most effective way possible.

In recent years, several high-profile gas explosions have impacted fire departments with compositions like MSB DES across the country. Some of these incidents have resulted in injuries and the deaths of responders. In December 2022, a [natural gas leak in a local residence under construction caused an explosion, destroying the structure and seriously injuring a contractor](#). DES did not have equipment available to detect natural gas remotely, creating a potentially hazardous situation for responders when they arrived at the scene.

Financial Challenges

Communities throughout the United States, including the Matanuska-Susitna Borough, face difficult decisions about what to fund in their budgets. MSB government services, including road maintenance, schools, recreation facilities, emergency response, and more, are funded primarily by property taxes. As responsible stewards of public funds, MSB ensures that the needs of the community are met; in many instances, the “wants” of departments within the Borough are denied. MSB DES has not yet approached other outside sources to request funds for the requested Sensit Gas Trac LZ-30 Compact Methane Detector kits.

Outcomes and Reporting

MSB DES anticipates that the addition of 2 Sensit Gas Trac LZ-30 Compact Methane Detector kits will increase operational efficiency by allowing responders to quickly detect methane hazards when responding to suspected leaks or odor calls and active fires. Responders will be able to isolate and evacuate the area faster than they are able to currently, reducing the risk to themselves and the public.

MSB grant staff have extensive experience managing Federal, State, and foundation grants. Staff will submit timely reports as required by the foundation and outlined in the grant agreement.

The Matanuska-Susitna Borough is grateful for the opportunity to apply for the Leary Firefighters Foundation Jeremiah Lucey Grant Program, and appreciates the support the foundation provides to fire departments across the United States.

I, Michael Brown, Borough, Manager of the Matanuska-Susitna Borough, hereby authorize Pamela Graham, Senior Grants Coordinator, or Kirstie Starr-Watson, Grants Coordinator, to submit this online application to the Leary Firefighters Foundation, on behalf of the Matanuska-Susitna Borough.



Michael Brown, Borough Manager

10/13/25

Date



All Safe Industries, Inc.
10711 Electron Dr
Louisville KY 40299
888-972-3389
www.allsafeindustries.com

Quote
#QUO-31772
Expires 11/2/2025

Bill To
Matanuska-Susitna Borough
350 E Dahlia Ave
Palmer AK 99645-6488

Ship To
Matanuska-Susitna Borough
Receiving Dept
350 E Dahlia Ave
Palmer AK 99645

D&B: 94-269-4308
CAGE: 1FZK7

Date	Cust Ref#	Terms	Sales Rep	Shipping Method
10/3/2025	Sensit LZ-30	Net 30	Deborah Paterson	UPS® Ground

Qty	Item #	Unit Price	Total Amount
2	934-00000-01A GasTrac LZ-30 Hand-Held Remote Gas Leak Detector kit. Includes: Hard carrying case, wrist strap, instruction manual, integrated calibration/ bump test cell, protective rubber boot, charger base with wall transformer. - Est Lead Time: 2 weeks	\$14,248.78	\$28,497.56

Subtotal	\$28,497.56
Discount Total	
Est. Shipping Cost	\$84.76
Tax Total (0%)	\$0.00
Total	\$28,582.32

Quote valid for 30 days unless otherwise noted. Shipping is an estimate and will be prepaid and added to your invoice. Delivery time is estimated as of quote date and may be subject to change.



MATANUSKA-SUSITNA BOROUGH

Director of Finance

350 East Dahlia Avenue • Palmer, AK 99645

Phone (907) 861-8630 • Fax (907) 861-8592

www.matsugov.us

August 06, 2025

FROM: Angelina.Blanchard@matsugov.us

Leary Firefighters Foundation
33 Park Place Box 243
New York, NY 10007

EXEMPTION CERTIFICATE

I hereby certify that I am the Finance Director of the Matanuska-Susitna Borough, a local government, and that I am authorized to execute this certificate; for the period commencing January 1964 and ending upon further notification.

I understand that the exemption from tax in the case of sales of articles under this exemption certificate to a state, etc. is limited to the sale of articles purchased for its exclusive use.

Cheyenne Heindel
Director of Finance

Matanuska-Susitna Borough
350 E. Dahlia Avenue
Palmer, Alaska 99645

Tax ID #92-0030816

GAS TRAC[®] LZ30

METHANE GAS DETECTOR

2 INDUSTRY LEADING
YEAR WARRANTY

- ✓ Methane Selective
- ✓ IS Approved - UL, CSA
- ✓ Continuous Detection up 100Ft
- ✓ Visual, Audible & Tactile Alarms



COMPATIBLE WITH



SENSIT
Technologies



Optics by ACUTECT

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 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.

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!

IM 25-241



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

GAS TRAC[®] LZ30

METHANE GAS DETECTOR

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 # 871-000?? For IS Units
 Wrist Strap Part # 360-00040	 Training Cells with Case Part # 882-00161	 Instruction Manual Part # 750-00096	Charging Base Part # 871-00098 For IS Units Power Supply for Charging Base Part # 871-00078



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Valparaiso, IN 46383-8432
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Fax: 219 465 2701
www.gasleaksensors.com

SENSIT Technologies
is an ISO 9001:2015 certified company.



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