

# LAMEA Leak Detection and Repair (LDAR) Market By Product (Handheld Gas Detectors, Vehicle-Based Detectors, UAV Based Detectors and Manned Aircraft Detectors) By Technology (VOC Analyzer, Optical Gas Imaging, Acoustic Leak Detector, Ambient/Mobile Leak Monitoring, Laser Absorption Spectroscopy and Others) By Country, Industry Analysis and Forecast, 2019 - 2025

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## Abstracts

The Latin America, Middle East and Africa Leak Detection and Repair (LDAR) Market would witness market growth of 7.9% CAGR during the forecast period (2019-2025).

Oil and gas companies are planning to incorporate gas leak detection systems as part of their digital transformation strategies. The technology finds applications in the industrial domains of oil and gas, namely upstream, midstream and downstream. Due to the high-risk activities involved in their field of work, offshore oil and gas installations are expected to see a major adoption of LDAR systems

Portable gas detectors are used to track the atmosphere around the employees.

Portable gas detectors are available either as hand-held detectors or can be worn over clothes. Portable gas detectors are usually powered by the battery. The portable gas detector transmits warnings through audible and visible signals, like alarms and flashing lights, when hazardous levels of gas vapors are detected. Fixed gas type detectors can be used to detect one or more forms of gas.

Fixed type detectors are typically located near the plant or control room construction area or the area to be sheltered. Industrial sensors are normally mounted on fixed type

mild steel structure and the cable links the detectors to the SCADA device for constant monitoring. A tripping interlock may be triggered in an emergency situation. Portable gas detectors have a leading market share.

Based on Product, the market is segmented into Handheld Gas Detectors, Vehicle-Based Detectors, UAV Based Detectors and Manned Aircraft Detectors. Based on Technology, the market is segmented into VOC Analyzer, Optical Gas Imaging, Acoustic Leak Detector, Ambient/Mobile Leak Monitoring, Laser Absorption Spectroscopy and Others. Based on countries, the market is segmented into Brazil, Argentina, UAE, Saudi Arabia, South Africa, Nigeria, and Rest of LAMEA.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include IBM Corporation (IBM Thomas J. Watson Research Center), Baker Hughes Company (Avitas Systems), WorleyParsons Limited (Advisian), Ball Corporation (Ball Aerospace & Technologies Corporation), Team, Inc., Aeris Environmental Ltd. (Aeris Technologies, Inc.), ABB Group, Kairos Aerospace, Inc., Picarro, Inc., and ENCOS, Inc.

## Scope of the Study

## Market Segmentation:

### By Product

Handheld Gas Detectors

Vehicle-Based Detectors

UAV Based Detectors

Manned Aircraft Detectors

### By Technology

VOC Analyzer

Optical Gas Imaging

Acoustic Leak Detector

Ambient/Mobile Leak Monitoring

Laser Absorption Spectroscopy

Others

### By Country

Brazil

Argentina

UAE

Saudi Arabia

South Africa

Nigeria

Rest of LAMEA

### Companies Profiled

IBM Corporation (IBM Thomas J. Watson Research Center)

Baker Hughes Company (Avitas Systems)

WorleyParsons Limited (Advisian)

Ball Corporation (Ball Aerospace & Technologies Corporation)

Team, Inc.

Aeris Environmental Ltd. (Aeris Technologies, Inc.)

ABB Group

Kairos Aerospace, Inc.

Picarro, Inc.

ENCOS, Inc.

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