

Global Sulfonyl Fluoride Leak Detector Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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Abstracts

According to our (Global Info Research) latest study, the global Sulfonyl Fluoride Leak Detector market size was valued at US\$ 181 million in 2025 and is forecast to a readjusted size of US\$ 305 million by 2032 with a CAGR of 7.8% during review period.

The sulfuryl fluoride leak detector is a safety detection device used for real-time monitoring and early warning of sulfuryl fluoride (SO₂F₂) gas leaks in the environment. It primarily uses infrared, electrochemical, or photoacoustic spectroscopy sensing technologies to continuously measure the concentration of sulfuryl fluoride in the air. When the detected gas concentration exceeds a set safety threshold, the device can automatically trigger an audible and visual alarm or link with ventilation and safety systems to prevent personnel poisoning and operational risks. This type of instrument is widely used in grain depots and container fumigation, timber quarantine treatment, warehousing and logistics, and related industrial sites, and is an indispensable safety protection device in the use and management of sulfuryl fluoride. In 2024, sales reached 316,000 units, with an average price of US\$520 per unit. Total production capacity was 350,000 units. The gross profit margin was 41%.

This report is a detailed and comprehensive analysis for global Sulfonyl Fluoride Leak Detector market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Sulfonyl Fluoride Leak Detector market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sulfonyl Fluoride Leak Detector market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sulfonyl Fluoride Leak Detector market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Sulfonyl Fluoride Leak Detector market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Sulfonyl Fluoride Leak Detector

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Sulfonyl Fluoride Leak Detector market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Drägerwerk AG & Co. KGaA, RAE Systems, Industrial Scientific Corporation, Figaro Engineering Inc., MSA Safety Incorporated, Amphenol Corporation, Sensirion AG, Alphasense Ltd., Ornicom, Ion Science Ltd., etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Sulfonyl Fluoride Leak Detector market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche

markets.

Market segment by Type

Electrochemical Sensor Type

Infrared Sensor Type

Market segment by Application Scenario

Fixed Online Detector

Portable Detector

Market segment by Functional Features

Single-Point Detector

Multi-Point Networked Detector

Market segment by Application

Electronics Manufacturing

Pharmaceutical Industry

Printing Industry

Others

Major players covered

Dr?gerwerk AG & Co. KGaA

RAE Systems

Industrial Scientific Corporation

Figaro Engineering Inc.

MSA Safety Incorporated

Amphenol Corporation

Sensirion AG

Alphasense Ltd.

Ornicom

Ion Science Ltd.

City Technology Ltd.

Dynament Ltd.

SGX Sensortech Ltd.

Renesas Electronics Corporation

Aeroqual Ltd.

Teledyne Technologies, Inc.

Market segment by region, regional analysis covers
North America (United States, Canada, and Mexico)
Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)
Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)
South America (Brazil, Argentina, Colombia, and Rest of South America)
Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Global Sulfonyl Fluoride Leak Detector Market 2026 by Manufacturers, Regions, Type and Application, Forecast t...

Chapter 1, to describe Sulfonyl Fluoride Leak Detector product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Sulfonyl Fluoride Leak Detector, with price, sales quantity, revenue, and global market share of Sulfonyl Fluoride Leak Detector from 2021 to 2026.

Chapter 3, the Sulfonyl Fluoride Leak Detector competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Sulfonyl Fluoride Leak Detector breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Sulfonyl Fluoride Leak Detector market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Sulfonyl Fluoride Leak Detector.

Chapter 14 and 15, to describe Sulfonyl Fluoride Leak Detector sales channel, distributors, customers, research findings and conclusion.

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