

Global Sulfonyl Fluoride Leak Detector Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Sulfonyl Fluoride Leak Detector market size is expected to reach \$ 305 million by 2032, rising at a market growth of 7.8% CAGR during the forecast period (2026-2032).

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 studies the global Sulfonyl Fluoride Leak Detector production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Sulfonyl Fluoride Leak Detector and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Sulfonyl Fluoride Leak Detector that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Sulfonyl Fluoride Leak Detector total production and demand, 2021-2032, (K Units)

Global Sulfonyl Fluoride Leak Detector total production value, 2021-2032, (USD Million)

Global Sulfonyl Fluoride Leak Detector production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Sulfonyl Fluoride Leak Detector consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Sulfonyl Fluoride Leak Detector domestic production, consumption, key domestic manufacturers and share

Global Sulfonyl Fluoride Leak Detector production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Sulfonyl Fluoride Leak Detector production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Sulfonyl Fluoride Leak Detector production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Sulfonyl Fluoride Leak Detector market based on the following parameters - company overview, production, value, 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.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Sulfonyl Fluoride Leak Detector market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Sulfonyl Fluoride Leak Detector Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Sulfonyl Fluoride Leak Detector Market, Segmentation by Type:

Electrochemical Sensor Type

Infrared Sensor Type

Global Sulfonyl Fluoride Leak Detector Market, Segmentation by Application Scenario:

Fixed Online Detector

Portable Detector

Global Sulfonyl Fluoride Leak Detector Market, Segmentation by Functional Features:

Single-Point Detector

Multi-Point Networked Detector

Global Sulfonyl Fluoride Leak Detector Market, Segmentation by Application:

Electronics Manufacturing

Pharmaceutical Industry

Printing Industry

Others

Companies Profiled:

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.

City Technology Ltd.

Dynament Ltd.

SGX Sensortech Ltd.

Renesas Electronics Corporation

Aeroqual Ltd.

Teledyne Technologies, Inc.

Key Questions Answered:

1. How big is the global Sulfonyl Fluoride Leak Detector market?
2. What is the demand of the global Sulfonyl Fluoride Leak Detector market?
3. What is the year over year growth of the global Sulfonyl Fluoride Leak Detector market?
4. What is the production and production value of the global Sulfonyl Fluoride Leak Detector market?
5. Who are the key producers in the global Sulfonyl Fluoride Leak Detector market?
6. What are the growth factors driving the market demand?

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