

Global Portable Gas Detectors Market 2022-2028

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Abstracts

Gas detectors measure or monitor the depletion of combustible gases, toxic gases, and oxygen within an area as part of a safety system. These life safety systems mitigate risks stemming from leaks of both toxic and combustible gases, help prevent explosions and harm to workers caused by leaking gas, and in turn, reduce costly downtime. According to Gen Consulting Company, the global portable gas detectors market size is expected to increase from USD 1,558 million in 2021 to USD 2,178 million by 2028, garnering a CAGR of 4.9% over the evaluated period.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global portable gas detectors market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the portable gas detectors industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, technology, application, end user, and region. The global market for portable gas detectors can be segmented by product: active, passive. Globally, the active portable gas detectors segment made up the largest share of the portable gas detectors market. Portable gas detectors market is further segmented by technology: catalytic gas detectors, electrochemical gas sensors, infrared (IR) gas sensors, photoionization detector, semiconductor gas sensors, others. Based on application, the portable gas detectors market is segmented into: carbon dioxide, carbon monoxide, nitrogen oxide, oxygen, volatile organic compounds (VOCs), others. On the basis of end user, the portable gas detectors market also can be divided into: fire services, mining, oil and gas, petrochemicals and chemicals, residential, transportation, others. Portable gas detectors market by region is categorized into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By product:

active

passive

By technology:

catalytic gas detectors

electrochemical gas sensors

infrared (IR) gas sensors

photoionization detector

semiconductor gas sensors

others

By application:

carbon dioxide

carbon monoxide

nitrogen oxide

oxygen

volatile organic compounds (VOCs)

others

By end user:

fire services

mining

oil and gas

petrochemicals and chemicals

residential

transportation

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides a detailed analysis of several leading portable gas detectors market vendors that include Tyco Fire & Integrated Solutions, Bacharach, Inc., CO2Meter, Inc., DMS Detection & Measurement Systems, Inc., Drägerwerk AG & Co. KGaA, GfG Instrumentation, Inc., Honeywell International, Inc., Industrial Scientific Corporation, MSA Safety Incorporated, RKI Instruments, Inc., Sensor Electronics Corporation, Teledyne Technologies Incorporated, Trolex Ltd., among others.

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Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

Scope of the Report

To analyze and forecast the market size of the global portable gas detectors market.

To classify and forecast the global portable gas detectors market based on product, technology, application, end user, region.

To identify drivers and challenges for the global portable gas detectors market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global portable gas detectors market.

To identify and analyze the profile of leading players operating in the global portable gas detectors market.

Why Choose This Report

Gain a reliable outlook of the global portable gas detectors market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Active
Passive

PART 6. MARKET BREAKDOWN BY TECHNOLOGY

Catalytic gas detectors
Electrochemical gas sensors
Infrared (IR) gas sensors
Photoionization detector
Semiconductor gas sensors
Others

PART 7. MARKET BREAKDOWN BY APPLICATION

Carbon dioxide

Carbon monoxide
Nitrogen oxide
Oxygen
Volatile organic compounds (VOCs)
Others

PART 8. MARKET BREAKDOWN BY END USER

Fire services
Mining
Oil and gas
Petrochemicals and chemicals
Residential
Transportation
Others

PART 9. MARKET BREAKDOWN BY REGION

Asia Pacific
Europe
North America
Rest of the World (RoW)

PART 10. KEY COMPANIES

Tyco Fire & Integrated Solutions
Bacharach, Inc.
CO2Meter, Inc.
DMS Detection & Measurement Systems, Inc.
Drägerwerk AG & Co. KGaA
GfG Instrumentation, Inc.
Honeywell International, Inc.
Industrial Scientific Corporation
MSA Safety Incorporated
RKI Instruments, Inc.
Sensor Electronics Corporation
Teledyne Technologies Incorporated
Troxel Ltd.

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