

# Global Solid-State Semiconductor Detectors Market Growth 2023-2029

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## Abstracts

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Solid-state semiconductor detectors are radiation detectors which employs a semiconductor material as the detecting medium. These detectors produce pulse of electric current by means of pairs of charge carriers, electrons and holes, generated when the detectors come in contact with ionizing radiation.

LPI (LP Information)' newest research report, the "Solid-State Semiconductor Detectors Industry Forecast" looks at past sales and reviews total world Solid-State Semiconductor Detectors sales in 2022, providing a comprehensive analysis by region and market sector of projected Solid-State Semiconductor Detectors sales for 2023 through 2029. With Solid-State Semiconductor Detectors sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Solid-State Semiconductor Detectors industry.

This Insight Report provides a comprehensive analysis of the global Solid-State Semiconductor Detectors landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Solid-State Semiconductor Detectors portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Solid-State Semiconductor Detectors market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Solid-State Semiconductor Detectors and breaks down the forecast by type, by application, geography, and market size to highlight emerging

pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Solid-State Semiconductor Detectors.

The global Solid-State Semiconductor Detectors market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Solid-State Semiconductor Detectors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Solid-State Semiconductor Detectors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Solid-State Semiconductor Detectors is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Solid-State Semiconductor Detectors players cover AMETEK ORTEC, Micron Technology, HORIBA, Kromek Group and Semi Conductor Devices (SCD), etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Solid-State Semiconductor Detectors market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Silicon Solid-State Semiconductor Detectors

Germanium Solid-State Semiconductor Detectors

Others

## Segmentation by application

Medical Imaging

Industrial

Security Detection

Military

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

AMETEK ORTEC

Micron Technology

HORIBA

Kromek Group

Semi Conductor Devices (SCD)

## Key Questions Addressed in this Report

What is the 10-year outlook for the global Solid-State Semiconductor Detectors market?

What factors are driving Solid-State Semiconductor Detectors market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Solid-State Semiconductor Detectors market opportunities vary by end market size?

How does Solid-State Semiconductor Detectors break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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