

Global Oxide-based Scintillator Crystal Market Growth 2026-2032

<https://marketpublishers.com/r/G1010E572E51EN.html>

Date: July 2026

Pages: 119

Price: US\$ 3,660.00 (Single User License)

ID: G1010E572E51EN

Abstracts

The global Oxide-based Scintillator Crystal market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Scintillation crystals are used in detectors to convert X-rays or gamma rays into light pulses that are subsequently detected by either a Photomultiplier Tube (PMT) or a Silicon Photomultiplier (SiPM). According to the properties of anions or anion groups, scintillating crystals can be divided into halide crystals and oxide crystals.

United States market for Oxide-based Scintillator Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Oxide-based Scintillator Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Oxide-based Scintillator Crystal is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Oxide-based Scintillator Crystal players cover Advatech, C&A Corporation, X-Z LAB, Amcryst, EPIC Scintillator, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Oxide-based Scintillator Crystal Industry Forecast" looks at past sales and reviews total world Oxide-based Scintillator Crystal sales in 2025, providing a comprehensive analysis by region and market sector of projected Oxide-based Scintillator Crystal sales for 2026 through 2032. With Oxide-

based Scintillator Crystal sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Oxide-based Scintillator Crystal industry.

This Insight Report provides a comprehensive analysis of the global Oxide-based Scintillator Crystal 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 Oxide-based Scintillator Crystal portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Oxide-based Scintillator Crystal market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Oxide-based Scintillator Crystal 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 Oxide-based Scintillator Crystal.

This report presents a comprehensive overview, market shares, and growth opportunities of Oxide-based Scintillator Crystal market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Lead Tungstate (PbWO₄)

Cerium-doped Lutetium Yttrium Oxyorthosilicate (LYSO)

GAGG(Ce)

Gadolinium Oxysulfide

Others

Segmentation by Application:

Medical & Healthcare

Industrial Applications

Military & Defense

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 analysing the company's coverage, product portfolio, its market penetration.

Advatech

C&A Corporation

X-Z LAB

Amcrys

EPIC Scintillator

Epic Crystal

Oxide Corp

NUCLEAR SYSTEM

MolTech GmbH

Kinheng Crystal Materials

Anhui Crystro Crystal Materials

TRANSIENTEK

Boya Advanced Materials

iRay Technology

Nanjing Jinheng Photoelectric Technology

Key Questions Addressed in this Report

What is the 10-year outlook for the global Oxide-based Scintillator Crystal market?

What factors are driving Oxide-based Scintillator Crystal market growth, globally and by region?

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

How do Oxide-based Scintillator Crystal market opportunities vary by end market size?

How does Oxide-based Scintillator Crystal break out by Type, by Application?

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