

# Global X-ray Scintillator Flat Panel Detectors (FPD) Market Growth 2026-2032

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## Abstracts

The global X-ray Scintillator Flat Panel Detectors (FPD) 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.

Scintillators are materials that emit light when excited by radiation such as X-rays and gamma rays. Sheet type scintillators, called fluorescent screens, are used for flat panel detectors (FPDs) and various X-ray detectors such as for security purpose.

Rising investment in X-ray technology by the medical and industrial industries will drive the growth of the X-ray scintillator market. These industries have a large demand for high-performance X-ray detectors, which has a positive impact on market demand growth.

LP Information, Inc. (LPI) ' newest research report, the "X-ray Scintillator Flat Panel Detectors (FPD) Industry Forecast" looks at past sales and reviews total world X-ray Scintillator Flat Panel Detectors (FPD) sales in 2025, providing a comprehensive analysis by region and market sector of projected X-ray Scintillator Flat Panel Detectors (FPD) sales for 2026 through 2032. With X-ray Scintillator Flat Panel Detectors (FPD) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world X-ray Scintillator Flat Panel Detectors (FPD) industry.

This Insight Report provides a comprehensive analysis of the global X-ray Scintillator Flat Panel Detectors (FPD) 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 X-ray Scintillator Flat Panel Detectors (FPD) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global X-ray Scintillator Flat Panel Detectors (FPD) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for X-ray Scintillator Flat Panel Detectors (FPD) 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 X-ray Scintillator Flat Panel Detectors (FPD).

This report presents a comprehensive overview, market shares, and growth opportunities of X-ray Scintillator Flat Panel Detectors (FPD) market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

BaFCI

Gd2O2S

CsI

Others

### **Segmentation by Application:**

Medical

Industrial Inspection

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.

Mitsubishi Chemical

Scintacor

Toray

Toshiba Materials

Carestream

Acuri Technology

Agfa HealthCare

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global X-ray Scintillator Flat Panel Detectors (FPD) market?

What factors are driving X-ray Scintillator Flat Panel Detectors (FPD) market growth, globally and by region?

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

How do X-ray Scintillator Flat Panel Detectors (FPD) market opportunities vary by end market size?

How does X-ray Scintillator Flat Panel Detectors (FPD) break out by Type, by Application?

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