

2026-2031 Global XRD Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

<https://marketpublishers.com/r/X7DF8E4351C7EN.html>

Date: January 2026

Pages: 140

Price: US\$ 3,150.00 (Single User License)

ID: X7DF8E4351C7EN

Abstracts

This report presents a detailed and holistic analysis of the global XRD market. It integrates quantitative data with qualitative insights to equip readers with the necessary information for strategic planning, competitive assessment, market positioning, and data-driven decision-making.

All market sizes, estimates, and forecasts are expressed in terms of output/shipments and revenue. With 2025 serving as the base year, the report provides historical context from 2020. and projections up to 2031. It includes a complete segmentation of the global market, along with regional market sizes analyzed by type, application, and key industry participants.

Further enriching the analysis, the report outlines the competitive environment, offering profiles of prominent players and their market standings. It also explores key technological advancements and recent developments in product offerings.

Ultimately, this report serves as a vital resource for XRD manufacturers, prospective entrants, and other stakeholders within the industry value chain. It supplies comprehensive data on revenues, production, and average pricing for the overall market and its sub-segments, detailed by company, product type, application, and geographic region.

By Market Players:

Rigaku

Bruker

PANalytical
Shimadzu
Thermo Fisher
Evident (OLYMPUS)
Bourestnik, Inc.
Hao Yuan Instrument
Tongda
Persee

By Type

Powder XRD
Single-crystal XRD

By Application

Pharma
Biotech
Chemical
Scientific Research Institutes
Others

By Regions/Countries:

East Asia

Europe

South Asia

Southeast Asia

Middle East

Africa

Oceania

South America

Points Covered in The Report

The points that are discussed within the report are the major market players that are involved in the market such as market players, raw material suppliers, equipment suppliers, end users, traders, distributors and etc.

The complete profile of the companies is mentioned. And the capacity, production, price, revenue, cost, gross, gross margin, sales volume, sales revenue, consumption, growth rate, import, export, supply, future strategies, and the technological developments that they are making are also included within the report. This report analyzed 12 years data history and forecast.

The growth factors of the market is discussed in detail wherein the different end users of the market are explained in detail.

Data and information by market player, by region, by type, by application and etc, and custom research can be added according to specific requirements.

The report contains the SWOT analysis of the market. Finally, the report contains the conclusion part where the opinions of the industrial experts are included.

Key Reasons to Purchase

To gain insightful analyses of the market and have comprehensive understanding of the global market and its commercial landscape.

Assess the production processes, major issues, and solutions to mitigate the development risk.

To understand the most affecting driving and restraining forces in the market and its impact in the global market.

Learn about the market strategies that are being adopted by leading respective organizations.

To understand the future outlook and prospects for the market.

Besides the standard structure reports, we also provide custom research according to specific requirements.

Contents

1 REPORT OVERVIEW

- 1.1 Study Scope
- 1.2 Key Market Segments
- 1.3 Players Covered: Ranking by XRD Revenue
- 1.4 Market Analysis by Type
 - 1.4.1 Global XRD Market Size Growth Rate by Type: 2026-2031
 - 1.4.2 Powder XRD
 - 1.4.3 Single-crystal XRD
- 1.5 Market by Application
 - 1.5.1 Global XRD Market Share by Application: 2026-2031
 - 1.5.2 Pharma
 - 1.5.3 Biotech
 - 1.5.4 Chemical
 - 1.5.5 Scientific Research Institutes
 - 1.5.6 Others
- 1.6 Study Objectives
- 1.7 Overview of Global XRD Market
 - 1.7.1 Global XRD Market Status and Outlook (2020-2031)
 - 1.7.2 North America
 - 1.7.3 East Asia
 - 1.7.4 Europe
 - 1.7.5 South Asia
 - 1.7.6 Southeast Asia
 - 1.7.7 Middle East
 - 1.7.8 Africa
 - 1.7.9 Oceania
 - 1.7.10 South America
 - 1.7.11 Rest of the World

2 MANUFACTURING COST STRUCTURE ANALYSIS

- 2.1 Manufacturing Cost Structure Analysis of XRD
- 2.2 Industry Chain Structure of XRD

3 MARKET COMPETITION BY MANUFACTURERS

- 3.1 Global XRD Production Capacity Market Share by Manufacturers (2020-2025)
- 3.2 Global XRD Revenue Market Share by Manufacturers (2020-2025)
- 3.3 Global XRD Average Price by Manufacturers (2020-2025)

4 XRD REGIONAL MARKET ANALYSIS

- 4.1 XRD Production by Regions
 - 4.1.1 Global XRD Production by Regions (2020-2025)
 - 4.1.2 Global XRD Revenue by Regions
- 4.2 XRD Consumption by Regions
- 4.3 North America XRD Market Analysis
 - 4.3.1 North America XRD Production
 - 4.3.2 North America XRD Revenue
 - 4.3.3 Key Manufacturers in North America
 - 4.3.4 North America XRD Import and Export
- 4.4 East Asia XRD Market Analysis
 - 4.4.1 East Asia XRD Production
 - 4.4.2 East Asia XRD Revenue
 - 4.4.3 Key Manufacturers in East Asia
 - 4.4.4 East Asia XRD Import & Export
- 4.5 Europe XRD Market Analysis
 - 4.5.1 Europe XRD Production
 - 4.5.2 Europe XRD Revenue
 - 4.5.3 Key Manufacturers in Europe
 - 4.5.4 Europe XRD Import & Export
- 4.6 South Asia XRD Market Analysis
 - 4.6.1 South Asia XRD Production
 - 4.6.2 South Asia XRD Revenue
 - 4.6.3 Key Manufacturers in South Asia
 - 4.6.4 South Asia XRD Import & Export
- 4.7 Southeast Asia XRD Market Analysis
 - 4.7.1 Southeast Asia XRD Production
 - 4.7.2 Southeast Asia XRD Revenue
 - 4.7.3 Key Manufacturers in Southeast Asia
 - 4.7.4 Southeast Asia XRD Import & Export
- 4.8 Middle East XRD Market Analysis
 - 4.8.1 Middle East XRD Production
 - 4.8.2 Middle East XRD Revenue
 - 4.8.3 Key Manufacturers in Middle East

- 4.8.4 Middle East XRD Import & Export
- 4.9 Africa XRD Market Analysis
 - 4.9.1 Africa XRD Production
 - 4.9.2 Africa XRD Revenue
 - 4.9.3 Key Manufacturers in Africa
 - 4.9.4 Africa XRD Import & Export
- 4.10 Oceania XRD Market Analysis
 - 4.10.1 Oceania XRD Production
 - 4.10.2 Oceania XRD Revenue
 - 4.10.3 Key Manufacturers in Oceania
 - 4.10.4 Oceania XRD Import & Export
- 4.11 South America XRD Market Analysis
 - 4.11.1 South America XRD Production
 - 4.11.2 South America XRD Revenue
 - 4.11.3 Key Manufacturers in South America
 - 4.11.4 South America XRD Import & Export

5 XRD SALES MARKET BY TYPE (2020-2031)

- 5.1 Global XRD Historic Market Size by Type (2020-2025)
- 5.2 Global XRD Forecasted Market Size by Type (2026-2031)

6 XRD CONSUMPTION MARKET BY APPLICATION(2020-2031)

- 6.1 Global XRD Historic Market Size by Application (2020-2025)
- 6.2 Global XRD Forecasted Market Size by Application (2026-2031)

7 COMPANY PROFILES AND KEY FIGURES IN XRD BUSINESS

- 7.1 Rigaku
 - 7.1.1 Rigaku Company Profile
 - 7.1.2 Rigaku XRD Product Specification
 - 7.1.3 Rigaku XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.2 Bruker
 - 7.2.1 Bruker Company Profile
 - 7.2.2 Bruker XRD Product Specification
 - 7.2.3 Bruker XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.3 PANalytical

- 7.3.1 PANalytical Company Profile
- 7.3.2 PANalytical XRD Product Specification
- 7.3.3 PANalytical XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.4 Shimadzu
 - 7.4.1 Shimadzu Company Profile
 - 7.4.2 Shimadzu XRD Product Specification
 - 7.4.3 Shimadzu XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.5 Thermo Fisher
 - 7.5.1 Thermo Fisher Company Profile
 - 7.5.2 Thermo Fisher XRD Product Specification
 - 7.5.3 Thermo Fisher XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.6 Evident (OLYMPUS)
 - 7.6.1 Evident (OLYMPUS) Company Profile
 - 7.6.2 Evident (OLYMPUS) XRD Product Specification
 - 7.6.3 Evident (OLYMPUS) XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.7 Bourevestnik, Inc.
 - 7.7.1 Bourevestnik, Inc. Company Profile
 - 7.7.2 Bourevestnik, Inc. XRD Product Specification
 - 7.7.3 Bourevestnik, Inc. XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.8 Hao Yuan Instrument
 - 7.8.1 Hao Yuan Instrument Company Profile
 - 7.8.2 Hao Yuan Instrument XRD Product Specification
 - 7.8.3 Hao Yuan Instrument XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.9 Tongda
 - 7.9.1 Tongda Company Profile
 - 7.9.2 Tongda XRD Product Specification
 - 7.9.3 Tongda XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
- 7.10 Persee
 - 7.10.1 Persee Company Profile
 - 7.10.2 Persee XRD Product Specification
 - 7.10.3 Persee XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)

8 PRODUCTION AND SUPPLY FORECAST

- 8.1 Global Forecasted Production of XRD (2026-2031)
- 8.2 Global Forecasted Revenue of XRD (2026-2031)
- 8.3 Global Forecasted Price of XRD (2020-2031)
- 8.4 Global Forecasted Production of XRD by Region (2026-2031)
 - 8.4.1 North America XRD Production, Revenue Forecast (2026-2031)
 - 8.4.2 East Asia XRD Production, Revenue Forecast (2026-2031)
 - 8.4.3 Europe XRD Production, Revenue Forecast (2026-2031)
 - 8.4.4 South Asia XRD Production, Revenue Forecast (2026-2031)
 - 8.4.5 Southeast Asia XRD Production, Revenue Forecast (2026-2031)
 - 8.4.6 Middle East XRD Production, Revenue Forecast (2026-2031)
 - 8.4.7 Africa XRD Production, Revenue Forecast (2026-2031)
 - 8.4.8 Oceania XRD Production, Revenue Forecast (2026-2031)
 - 8.4.9 South America XRD Production, Revenue Forecast (2026-2031)
 - 8.4.10 Rest of the World XRD Production, Revenue Forecast (2026-2031)
- 8.5 Forecast by Type and by Application (2026-2031)
 - 8.5.1 Global Sales Volume, Sales Revenue and Sales Price Forecast by Type (2026-2031)
 - 8.5.2 Global Forecasted Consumption of XRD by Application (2026-2031)

9 CONSUMPTION AND DEMAND FORECAST

- 9.1 North America Forecasted Consumption of XRD by Country
- 9.2 East Asia Market Forecasted Consumption of XRD by Country
- 9.3 Europe Market Forecasted Consumption of XRD by Country
- 9.4 South Asia Forecasted Consumption of XRD by Country
- 9.5 Southeast Asia Forecasted Consumption of XRD by Country
- 9.6 Middle East Forecasted Consumption of XRD by Country
- 9.7 Africa Forecasted Consumption of XRD by Country
- 9.8 Oceania Forecasted Consumption of XRD by Country
- 9.9 South America Forecasted Consumption of XRD by Country
- 9.10 Rest of the world Forecasted Consumption of XRD by Country

10 MARKETING CHANNEL, DISTRIBUTORS AND CUSTOMERS

- 10.1 Marketing Channel
 - 10.1.1 Direct Channels

10.1.2 Indirect Channels

11 MARKET DYNAMICS

11.1 Market Trends

11.2 Opportunities and Drivers

11.3 Challenges

11.4 Porter's Five Forces Analysis

12 CONCLUSION

13 APPENDIX

13.1 Methodology/Research Approach

13.1.1 Research Programs/Design

13.1.2 Market Size Estimation

13.1.3 Market Breakdown and Data Triangulation

13.2 Data Source

13.2.1 Secondary Sources

13.2.2 Primary Sources

13.3 Disclaimer

List Of Tables

LIST OF TABLES AND FIGURES

Key Players Covered: Ranking by XRD Revenue 2020-2025
Global XRD Market Size by Type: 2026-2031
Global XRD Market Size by Application: 2026-2031
XRD Production Rank and Commercial Production Date of Key Manufacturers
Global XRD Manufacturing Plants Distribution and Commercial Production Date
Global XRD Production Capacity by Manufacturers
Global XRD Production by Manufacturers (2020-2025)
Global XRD Production Market Share by Manufacturers (2020-2025)
Global XRD Revenue by Manufacturers (2020-2025)
Global XRD Revenue Share by Manufacturers (2020-2025)
Global Market XRD Average Price of Key Manufacturers (2020-2025)
Manufacturers XRD Production Sites and Area Served
Manufacturers XRD Product Type
Global XRD Production by Regions (2020-2025)
Global XRD Production Market Share by Regions (2020-2025)
Global XRD Revenue by Regions (2020-2025)
Global XRD Revenue Market Share by Regions (2020-2025)
Global XRD Consumption by Regions (2020-2025)
Global XRD Consumption Market Share by Regions (2020-2025)
Key XRD Players Sales Volume in North America
North America XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in East Asia
East Asia XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in Europe
Europe XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in South Asia
South Asia XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in Southeast Asia
Southeast Asia XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in Middle East
Middle East XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in Africa
Africa XRD Production, Consumption Import and Export
Key XRD Players Sales Volume in Oceania
Oceania XRD Production, Consumption Import and Export

Key XRD Players Sales Volume in South America
South America XRD Production, Consumption Import and Export
Global XRD Market Size by Type (2020-2025)
Global XRD Revenue Market Share by Type (2020-2025)
Global XRD Forecasted Market Size by Type (2026-2031)
Global XRD Revenue Market Share by Type (2026-2031)
Global XRD Market Size by Application (2020-2025)
Global XRD Revenue Market Share by Application (2020-2025)
Global XRD Forecasted Market Size by Application (2026-2031)
Global XRD Revenue Market Share by Application (2026-2031)
Rigaku XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Bruker XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
PANalytical XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Table Shimadzu XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Thermo Fisher XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Evident (OLYMPUS) XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Bouvestnik, Inc. XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Hao Yuan Instrument XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Tongda XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Persee XRD Production Capacity, Revenue, Price and Gross Margin (2020-2025)
Global XRD Production Forecast by Region (2026-2031)
Global XRD Sales Volume Forecast by Type (2026-2031)
Global XRD Sales Volume Market Share Forecast by Type (2026-2031)
Global XRD Sales Revenue Forecast by Type (2026-2031)
Global XRD Sales Revenue Market Share Forecast by Type (2026-2031)
Global XRD Sales Price Forecast by Type (2026-2031)
Global XRD Consumption Volume Forecast by Application (2026-2031)
Global XRD Consumption Value Forecast by Application (2026-2031)
North America XRD Consumption Forecast 2026-2031 by Country
East Asia XRD Consumption Forecast 2026-2031 by Country
Europe XRD Consumption Forecast 2026-2031 by Country
South Asia XRD Consumption Forecast 2026-2031 by Country
Southeast Asia XRD Consumption Forecast 2026-2031 by Country
Middle East XRD Consumption Forecast 2026-2031 by Country

Africa XRD Consumption Forecast 2026-2031 by Country
Oceania XRD Consumption Forecast 2026-2031 by Country
South America XRD Consumption Forecast 2026-2031 by Country
Rest of the world XRD Consumption Forecast 2026-2031 by Country
Market Key Trends
Key Opportunities and Drivers: Impact Analysis (2026-2031)
Key Challenges
Research Programs/Design for This Report
Key Data Information from Secondary Sources
Key Data Information from Primary Sources

Global XRD Market Share by Type: 2025 VS 2031
Powder XRD Features
Single-crystal XRD Features
Global XRD Market Share by Application: 2025 VS 2031
Pharma Case Studies
Biotech Case Studies
Chemical Case Studies
Scientific Research Institutes Case Studies
Others Case Studies
XRD Report Years Considered
Global XRD Market Status and Outlook (2020-2031)
North America XRD Revenue (Value) and Growth Rate (2020-2031)
East Asia XRD Revenue (Value) and Growth Rate (2020-2031)
Europe XRD Revenue (Value) and Growth Rate (2020-2031)
South Asia XRD Revenue (Value) and Growth Rate (2020-2031)
South America XRD Revenue (Value) and Growth Rate (2020-2031)
Middle East XRD Revenue (Value) and Growth Rate (2020-2031)
Africa XRD Revenue (Value) and Growth Rate (2020-2031)
Oceania XRD Revenue (Value) and Growth Rate (2020-2031)
South America XRD Revenue (Value) and Growth Rate (2020-2031)
Rest of the World XRD Revenue (Value) and Growth Rate (2020-2031)
Global XRD Revenue (2020-2031)
Global XRD Production Capacity (2020-2031)
Global XRD Production (2020-2031)
Manufacturing Cost Structure Analysis of XRD in 2025
Manufacturing Process Analysis of XRD

Industry Chain Structure of XRD

Global XRD Production Market Share by Regions in 2025

Global XRD Revenue Market Share by Regions in 2025

North America XRD Production Growth Rate 2020-2025

North America XRD Revenue Growth Rate 2020-2025

East Asia XRD Production Growth Rate 2020-2025

East Asia XRD Revenue Growth Rate 2020-2025

Europe XRD Production Growth Rate 2020-2025

Europe XRD Revenue Growth Rate 2020-2025

South Asia XRD Production Growth Rate 2020-2025

South Asia XRD Revenue Growth Rate 2020-2025

Southeast Asia XRD Production Growth Rate 2020-2025

Southeast Asia XRD Revenue Growth Rate 2020-2025

Middle East XRD Production Growth Rate 2020-2025

Middle East XRD Revenue Growth Rate 2020-2025

Africa XRD Production Growth Rate 2020-2025

Africa XRD Revenue Growth Rate 2020-2025

Oceania XRD Production Growth Rate 2020-2025

Oceania XRD Revenue Growth Rate 2020-2025

South America XRD Production Growth Rate 2020-2025

South America XRD Revenue Growth Rate 2020-2025

Rigaku XRD Product Specification

Bruker XRD Product Specification

PANalytical XRD Product Specification

Shimadzu XRD Product Specification

Thermo Fisher XRD Product Specification

Evident (OLYMPUS) XRD Product Specification

Bouvestnik, Inc. XRD Product Specification

Hao Yuan Instrument XRD Product Specification

Tongda XRD Product Specification

Persee XRD Product Specification

Global XRD Production Capacity Growth Rate Forecast (2026-2031)

Global XRD Revenue Growth Rate Forecast (2026-2031)

Global XRD Price and Trend Forecast (2020-2031)

North America XRD Production Growth Rate Forecast (2026-2031)

North America XRD Revenue Growth Rate Forecast (2026-2031)

East Asia XRD Production Growth Rate Forecast (2026-2031)

East Asia XRD Revenue Growth Rate Forecast (2026-2031)

Europe XRD Production Growth Rate Forecast (2026-2031)

Europe XRD Revenue Growth Rate Forecast (2026-2031)
South Asia XRD Production Growth Rate Forecast (2026-2031)
South Asia XRD Revenue Growth Rate Forecast (2026-2031)
Southeast Asia XRD Production Growth Rate Forecast (2026-2031)
Southeast Asia XRD Revenue Growth Rate Forecast (2026-2031)
Middle East XRD Production Growth Rate Forecast (2026-2031)
Middle East XRD Revenue Growth Rate Forecast (2026-2031)
Africa XRD Production Growth Rate Forecast (2026-2031)
Africa XRD Revenue Growth Rate Forecast (2026-2031)
Oceania XRD Production Growth Rate Forecast (2026-2031)
Oceania XRD Revenue Growth Rate Forecast (2026-2031)
South America XRD Production Growth Rate Forecast (2026-2031)
South America XRD Revenue Growth Rate Forecast (2026-2031)
Rest of the World XRD Production Growth Rate Forecast (2026-2031)
Rest of the World XRD Revenue Growth Rate Forecast (2026-2031)
North America XRD Consumption Forecast 2026-2031
East Asia XRD Consumption Forecast 2026-2031
Europe XRD Consumption Forecast 2026-2031
South Asia XRD Consumption Forecast 2026-2031
Southeast Asia XRD Consumption Forecast 2026-2031
Middle East XRD Consumption Forecast 2026-2031
Africa XRD Consumption Forecast 2026-2031
Oceania XRD Consumption Forecast 2026-2031
South America XRD Consumption Forecast 2026-2031
Rest of the world XRD Consumption Forecast 2026-2031
Channels of Distribution
Porter's Five Forces Analysis
Key Executives Interviewed

I would like to order

Product name: 2026-2031 Global XRD Outlook Market Size, Share & Trends Analysis Report By Player, Type, Application and Region

Product link: <https://marketpublishers.com/r/X7DF8E4351C7EN.html>

Price: US\$ 3,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/X7DF8E4351C7EN.html>