

# Global XRF Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global XRF market size was valued at USD 925 million in 2023 and is forecast to a readjusted size of USD 1489.6 million by 2030 with a CAGR of 7.0% during review period.

XRF (X-ray fluorescence) is a non-destructive analytical technique used to determine the elemental composition of materials. XRF analyzers determine the chemistry of a sample by measuring the fluorescent (or secondary) X-ray emitted from a sample when it is excited by a primary X-ray source.

Global key players of XRF include AMETEK, Thermo Fisher, Bruker, Rigaku, Shimadzu, etc. The top five players hold a share over 46%. Asia-Pacific is the largest market, has a share about 46%, followed by North America and Europe, with share 26% and 24%, separately. In terms of product type, Energy Dispersive (EDXRF) is the largest segment, occupied for a share of 71%, and in terms of application, Mining Industry has a share about 25 percent.

The Global Info Research report includes an overview of the development of the XRF industry chain, the market status of Mining Industry (Energy Dispersive (EDXRF), Wavelength Dispersive (WDXRF)), Cement (Energy Dispersive (EDXRF), Wavelength Dispersive (WDXRF)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of XRF.

Regionally, the report analyzes the XRF markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global XRF market,

with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the XRF market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the XRF industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (K Units), revenue generated, and market share of different by Type (e.g., Energy Dispersive (EDXRF), Wavelength Dispersive (WDXRF)).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the XRF market.

**Regional Analysis:** The report involves examining the XRF market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the XRF market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to XRF:

**Company Analysis:** Report covers individual XRF manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards XRF This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Mining Industry, Cement).

**Technology Analysis:** Report covers specific technologies relevant to XRF. It assesses the current state, advancements, and potential future developments in XRF areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the XRF market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

### Market Segmentation

XRF market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

#### Market segment by Type

Energy Dispersive (EDXRF)

Wavelength Dispersive (WDXRF)

#### Market segment by Application

Mining Industry

Cement

Food & Pharmaceutical

Environmental

Petroleum & Chemicals

Others

## Major players covered

AMETEK

Thermo Fisher

Bruker

Rigaku

Shimadzu

Olympus Corporation

Skyray

HORIBA

Hitachi High-tech

Malvern Panalytical

Focused Photonics

BSI

Shanghai Jingpu Science & Technology

## Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe XRF product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of XRF, with price, sales, revenue and global market share of XRF from 2019 to 2024.

Chapter 3, the XRF competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the XRF breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and XRF market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of XRF.

Chapter 14 and 15, to describe XRF sales channel, distributors, customers, research findings and conclusion.

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