

# Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) X-ray Fluorescence Spectrometer Market 2018, Forecast to 2023

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## Abstracts

X-ray fluorescence spectrometer is an x-ray instrument used for routine, relatively non-destructive chemical analyses of rocks, minerals, sediments and fluids. It works on wavelength-dispersive spectroscopic principles that are similar to an electron microprobe (EPMA). However, an XRF cannot generally make analyses at the small spot sizes typical of EPMA work (2-5 microns), so it is typically used for bulk analyses of larger fractions of geological materials. The relative ease and low cost of sample preparation, and the stability and ease of use of x-ray spectrometers make this one of the most widely used methods for analysis of major and trace elements in rocks, minerals, and sediment.

Scope of the Report:

This report focuses on the X-ray Fluorescence Spectrometer in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

In consumption market, the Europe consumption value of X-ray fluorescence spectrometers increases with the 1.93% average growth rate. Germany, Netherlands and United Kingdom are the mainly consumption regions due to the bigger demand of downstream applications. In 2015, these two regions occupied 44.65% of the Europe consumption volume in total.

We tend to believe this industry is a rising industry, and the consumption increasing degree will show a smooth growth curve. And the price presents decreasing trend according to the economy development status and international competition. Also, it will be decreasing trend in gross margin.

The worldwide market for X-ray Fluorescence Spectrometer is expected to grow at a CAGR of roughly xx% over the next five years, will reach xx million US\$ in 2023, from xx million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Bruker

ThermoFisher

Panalytical

SPECTRO

Oxford-Instruments

Helmut Fischer

BSI

Bourestnik

AppliTek

Elvatech

Rigaku

Hitachi-Hightech

HORIBA

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

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

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Energy Dispersive Type

Wavelength Dispersive Type

Polarized Energy Dispersive Type

Market Segment by Applications, can be divided into

Mining Industry

Metallurgical Industry

Petroleum Industry

Cement Industry

There are 15 Chapters to deeply display the global X-ray Fluorescence Spectrometer market.

Chapter 1, to describe X-ray Fluorescence Spectrometer Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of X-ray Fluorescence Spectrometer, with sales, revenue, and price of X-ray Fluorescence Spectrometer, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of X-ray Fluorescence Spectrometer, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and

by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, X-ray Fluorescence Spectrometer market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe X-ray Fluorescence Spectrometer sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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