

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

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Abstracts

FT-IR stands for Fourier Transform InfraRed, the preferred method of infrared spectroscopy. In infrared spectrometer, IR radiation is passed through a sample. Some of the infrared radiation is absorbed by the sample and some of it is passed through (transmitted). The resulting spectrum represents the molecular absorption and transmission, creating a molecular fingerprint of the sample. Like a fingerprint no two unique molecular structures produce the same infrared spectrum. This makes infrared spectroscopy useful for several types of analysis.

FTIR spectrometers (Fourier Transform Infrared Spectrometer) are widely used in organic synthesis, polymer science, petrochemical engineering, pharmaceutical industry and food analysis. In addition, since FTIR spectrometers can be hyphenated to chromatography, the mechanism of chemical reactions and the detection of unstable substances can be investigated with such instruments.

SCOPE OF THE REPORT:

This report focuses on the FTIR 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.

The wild application fields and large downstream demand drive the FTIR Spectrometer industry developing.

There is also a certain space in the FTIR Spectrometer product demand market, so in the next years, the FTIR Spectrometer will continue developing rapidly.

The major producers include Thermo Fisher, Agilent, Perkin Elmer, Shimadzu, ABB, Bruker, and Thermo Fisher occupied 14.20% market share in 2015.

In China, the high-end FTIR Spectrometer products mainly rely on import from foreign

developed countries, like US, Germany, Japan. To meet the large demand for the high-end products, Chinese manufacturers will invest much more on the R&D, which will certainly weaken the dependence of imports.

With the wild application fields, more and more investments will go into FTIR Spectrometer industry and FTIR Spectrometer industry has a bright future.

The worldwide market for FTIR Spectrometer is expected to grow at a CAGR of roughly 1.7% over the next five years, will reach 250 million US\$ in 2023, from 230 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Thermo Fisher

Agilent

Perkin Elmer

Shimadzu

ABB

Bruker

Netzsch

Mettler Toledo

Jasco

Foss

MKS

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

Portable Type

Laboratory Type

Market Segment by Applications, can be divided into

Organic Synthesis

Polymer Science

There are 15 Chapters to deeply display the global FTIR Spectrometer market.

Chapter 1, to describe FTIR Spectrometer Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of FTIR Spectrometer, with sales, revenue, and price of FTIR 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 FTIR 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, FTIR Spectrometer market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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

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