

Global Markets for Spectroscopy Equipment

https://marketpublishers.com/r/GE990F58CB4EN.html

Date: July 2018

Pages: 140

Price: US\$ 1,375.00 (Single User License)

ID: GE990F58CB4EN

Abstracts

REPORT SCOPE

The research study includes market information on spectroscopy equipment and its key segments, including product types, end users and regions.

This report focuses on the global market of spectroscopy products, providing an updated review of product applications in three main industries: pharmaceutical and biotechnology, food and beverages, and environmental. The report also considers other industries such as textiles, metals, forensics and energy. The scope of the study is global.

BCC Research analyzed each market and its applications, regulatory environment, new products and advancements, market projections and market shares. The geographical regions covered in the report are North America, Europe, Asia-Pacific and the Rest of the World (RoW). The RoW region covers countries such as South Africa, Brazil, Saudi Arabia, the United Arab Emirates and Israel. The report discusses the major players across each regional market. Further, it explains the major drivers and market dynamics of the market and current trends within the industry.

The conclusion of the report focuses on the vendor landscape, providing detailed profiles of the major vendors in the global market for spectroscopy equipment. Major market players in the spectroscopy industry are Agilent Technologies, Bruker Corp., Danaher Corp., Jeol Ltd., PerkinElmer, Shimadzu Corp., Thermo Fisher Scientific and Waters Corp.

REPORT INCLUDES:

64 data tables and 13 additional tables



An overview of the global markets for spectroscopy equipment

Analyses of global market trends with data from 2017, estimates for 2018, and projections of compound annual growth rates (CAGRs) through 2023

Market information on spectroscopy equipment and its key segments, including product types, end users and region

Key insight into the major driving factors, trends and challenges that affect the market and the manufacturing landscape

Identification of potential applications of spectroscopy equipment in the pharmaceutical and biotechnology, food and beverage, and environmental industries

A look into the regulatory environment, new products and advancements, and current trends within the industry

Detailed profiles of leading companies in the industry, including Agilent Technologies, Bruker Corp., Danaher Corp., JEOL Ltd., PerkinElmer, and Thermo Fisher Scientific Inc.



Contents

CHAPTER 1 INTRODUCTION

Study Goals and Objectives
Reasons for Doing This Study
Scope of Report
Research Methodology
Intended Audience
Geographic Breakdown
Analyst's Credentials
Related BCC Research Reports

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

Introduction

Definitions

Properties of Electromagnetic Radiation

Spectroscopic Instruments

Types of Spectroscopy

Absorption Spectroscopy

Emission Spectroscopy

Scattering Spectroscopy

History of Spectroscopy

Uses of Spectroscopy

Spectroscopy in Chemical Analysis

Types of Spectroscopy Analysis

Bulk Analysis or Microanalysis

Mixture Analysis

Microanalysis

Surface Analysis

Regulatory Aspects

Current Market Overview

Global Market Drivers and Impact Analysis

Global Concern for Healthy Environment and Food

Increasing Research and Development Investment Across Industries

Development of High-End Technology



Global Market Restraints and Impact Analysis

Sensitivity and Performance

High Research and Development Costs for Spectroscopic Instruments

High Competition in Market

Global Market Opportunities

Usage in Various Applications

Technological Advancements and Adoption of Newer Analytical Systems

CHAPTER 4 MARKET BREAKDOWN BY TYPE

Introduction

Molecular Spectroscopy

Overview

Infrared Spectroscopy

Raman Spectroscopy

Ultraviolet-Visible Spectroscopy

Nuclear Magnetic Resonance Spectroscopy

Electron Spin Resonance Spectroscopy

Atomic Spectroscopy

Overview

X-ray Spectroscopy

Atomic Absorption Spectroscopy

Plasma Spectroscopy

Flame Photometry Spectroscopy

Arc/Spark Spectroscopy

Mass and Hyphenated Spectroscopy

Mass Spectrometry (MS)

Hyphenated Spectroscopy

Others

Microwave Spectroscopy

Mossbauer Spectroscopy

CHAPTER 5 MARKET BREAKDOWN BY END USER

Introduction

Global Market for Spectroscopy Equipment by End User

Pharmaceutical and Biotechnology Industry

Overview

Market Size and Forecast



Food and Beverage Industry

Overview

Market Size and Forecast

Environmental Industry

Overview

Market Size and Forecast

Other Industries

Overview

Market Size and Forecast

CHAPTER 6 MARKET BREAKDOWN BY REGION

Introduction

North America

Overview

Market Size and Forecast

Europe

Overview

Market Size and Forecast

Asia-Pacific

Overview

Market Size and Forecast

Rest of the World (RoW)

Overview

Market Size and Forecast

CHAPTER 7 COMPETITIVE LANDSCAPE

Porter's Five Forces Analysis

Industrial Rivalry

Bargaining Power of Buyers

Bargaining Power of Suppliers

Threat of Substitutes

Threat of New Entrants

New Developments

Key Market Developments

CHAPTER 8 COMPANY PROFILES



AABSPEC INSTRUMENTATION CORP.

Company Overview

ABB MEASUREMENT & ANALYTICS

Company Overview

ADVANCED RESEARCH SYSTEMS INC.

Company Overview

AGILENT TECHNOLOGIES

Company Overview

Financials

Products and Services

Key Offerings

Strategy

Key Developments

AMETEK INC.

Company Overview

ANALYTIK JENA AG

Company Overview

ANASYS INSTRUMENTS CORP.

Company Overview

AURORA BIOMED INC.

Company Overview

B&W TEK INC.

Company Overview

BRUKER CORP.

Company Overview

Financials

Products and Services

Key Offerings

Strategy

Key Developments

DANAHER CORP.

Company Overview

Financials

Products and Services

Key Offerings

Strategy

Key Developments

DIGILAB INC.

Company Overview



FOSS NIRSYSTEMS INC.

Company Overview

HITACHI HIGH TECHNOLOGIES AMERICA INC.

Company Overview

HORIBA JOBIN YVON INC.

Company Overview

JANIS RESEARCH COMPANY LLC

Company Overview

JEOL LTD.

Company Overview

Products and Services

Key Offerings

Strategy

Key Developments

LECO CORP.

Company Overview

MONTANA INSTRUMENTS CORP.

Company Overview

MALVERN PANALYTICAL LTD.

Company Overview

NEWPORT CORP.

Company Overview

OCEAN OPTICS INC.

Company Overview

OLYMPUS AMERICA INC.

Company Overview

OXFORD INSTRUMENTS PLC

Company Overview

PERKINELMER INC.

Company Overview

Financials

Products and Services

Key offerings

Strategy

Key Developments

SHIMADZU CORP.

Company Overview

Products and Services

Key Offerings



Key Developments

SPECTRO SCIENTIFIC, INC.

Company Overview

SPECTRUM TECHNIQUES LLC

Company Overview

THERMOFISHER SCIENTIFIC INC.

Company Overview

Financials

Products and Services

Key Offerings

Strategy

Key Developments

TSI INC.

Company Overview

WATERS CORP.

Company Overview

Financials

Products and Services

Key Offerings

Strategy

Key Developments



List Of Tables

LIST OF TABLES

Summary Table: Global Market for Spectroscopy Equipment, by End User, Through 2023

Table 1: The Electromagnetic Spectrum

Table 2: UV and IR Light Regions

Table 3: History of Spectroscopy

Table 4: Types of Spectroscopy

Table 5: Global Market for Spectroscopy Equipment, by Type, Through 2023

Table 6: Global Market for Molecular Spectroscopy, by Region, Through 2023

Table 7: Global Market for Molecular Spectroscopy, by Type, Through 2023

Table 8: Global Market for Infrared Spectroscopy, by Region, Through 2023

Table 9: Global Market for Raman Spectroscopy, by Region, Through 2023

Table 10: Global Market for Ultraviolet-visible Spectroscopy, by Region, Through 2023

Table 11: Global Market for Nuclear Magnetic Resonance Spectroscopy, by Region,

Through 2023

Table 12: Global Market for Electron Spin Resonance (ESR) Spectroscopy, by Region, Through 2023

Table 13: Global Market for Atomic Spectroscopy, by Region, Through 2023

Table 14: Global Market for Atomic Spectroscopy, by Type, Through 2023

Table 15: Global Market for X-ray Spectroscopy, by Region, Through 2023

Table 16: Global Market for Atomic Absorption Spectroscopy, by Region, Through 2023

Table 17: Global Market for Plasma Spectroscopy, by Region, Through 2023

Table 18: Global Market for Flame Spectroscopy, by Region, Through 2023

Table 19: Global Market for Arc/Spark Spectroscopy, by Region, Through 2023

Table 20: Global Market for Mass and Hyphenated Spectroscopy, by Region, Through 2023

Table 21: Global Market for Mass and Hyphenated Spectroscopy, by Type, Through 2023

Table 22: Global Market for Mass Spectrometry (MS), by Region, Through 2023

Table 23: Global Market for Hyphenated Spectroscopy, by Region, Through 2023

Table 24: Global Market for Other Spectroscopy, by Region, Through 2023

Table 25: Global Market for Other Spectroscopy Equipment, by Type, Through 2023

Table 26: Global Market for Microwave Spectroscopy, by Region, Through 2023

Table 27: Global Market for Mossbauer Spectroscopy, by Region, Through 2023

Table 28: Global Market for Spectroscopy Equipment, by End User, Through 2023

Table 29: Global Market for Spectroscopy Equipment in Pharmaceutical and



Biotechnology Industry, by Region, Through 2023

Table 30: Global Market for Spectroscopy Equipment in Food and Beverage Industry, by Region, Through 2023

Table 31: Global Market for Spectroscopy Equipment in Environmental Industry, by Region, Through 2023

Table 32: Global Market for Spectroscopy Equipment in Other Industries, by Region, Through 2023

Table 33: Global Market for Spectroscopy, by Region, Through 2023

Table 34: North American Market for Spectroscopy, by Type, Through 2023

Table 35: North American Market for Molecular Spectroscopy, by Type, Through 2023

Table 36: North American Market for Atomic Spectroscopy, by Type, Through 2023

Table 37: North American Market for Mass and Hyphenated Spectroscopy, by Type, Through 2023

Table 38: North American Market for Other Spectroscopy, by Type, Through 2023

Table 39: North American Market for Spectroscopy, by End User, Through 2023

Table 40: North American Market for Spectroscopy, by Country, Through 2023

Table 41: European Market for Spectroscopy, by Type, Through 2023

Table 42: European Market for Molecular Spectroscopy, by Type, Through 2023

Table 43: European Market for Atomic Spectroscopy, by Type, Through 2023

Table 44: European Market for Mass and Hyphenated Spectroscopy, by Type, Through 2023

Table 45: European Market for Other Spectroscopy, by Type, Through 2023

Table 46: European Market for Spectroscopy, by End User, Through 2023

Table 47: European Market for Spectroscopy, by Country, Through 2023

Table 48: Asia-Pacific Market for Spectroscopy, by Type, Through 2023

Table 49: Asia-Pacific Market for Molecular Spectroscopy, by Type, Through 2023

Table 50: Asia-Pacific Market for Atomic Spectroscopy, by Type, Through 2023

Table 51: Asia-Pacific Market for Mass and Hyphenated Spectroscopy, by Type,

Through 2023

Table 52: Asia-Pacific Market for Other Spectroscopy, by Type, Through 2023

Table 53: Asia-Pacific Market for Spectroscopy, by End User, Through 2023

Table 54: Asia-Pacific Market for Spectroscopy, by Country, Through 2023

Table 55: Rest of the World Market for Spectroscopy, by Type, Through 2023

Table 56: Rest of the World Market for Molecular Spectroscopy, by Type, Through 2023

Table 57: Rest of the World Market for Atomic Spectroscopy, by Type, Through 2023

Table 58: Rest of the World Market for Mass and Hyphenated Spectroscopy, by Type,

Through 2023

Table 59: Rest of the World Market for Other Spectroscopy, by Type, Through 2023

Table 60: Rest of the World Market for Spectroscopy, by End User, Through 2023



- Table 61: Rest of the World Market for Spectroscopy, by Region, Through 2023
- Table 62: Key Market Developments
- Table 63: Agilent Technologies Net Revenue, 2015-2017
- Table 64: Agilent Technologies Strategic Development
- Table 65: Bruker Net Revenue, 2015-2017
- Table 66: Bruker Strategic Developments
- Table 67: Danaher Net Revenue, 2015-2017
- Table 68: Danaher Strategic Development
- Table 69: JEOL Strategic Developments
- Table 70: PerkinElmer Net Revenue, 2015-2017
- Table 71: PerkinElmer Strategic Development
- Table 72: Shimadzu Strategic Development
- Table 73: Thermo Fisher Scientific Net Revenue, 2015-2017
- Table 74: Thermo Fisher Scientific Strategic Developments
- Table 75: Waters Net Revenue, 2015-2017
- Table 76: Waters Strategic Development



List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Spectroscopy Equipment, by End User, 2017-2023

Figure 1: Global Market for Spectroscopy Equipment, by Type

Figure 2: Global Market for Spectroscopy Equipment, by Type, 2017-2023

Figure 3: Global Market for Molecular Spectroscopy, 2017-2023

Figure 4: Global Market for Atomic Spectroscopy, 2017-2023

Figure 5: Global Market for Mass and Hyphenated Spectroscopy, 2017-2023

Figure 6: Global Market for Other Spectroscopy, 2017-2023

Figure 7: Global Market for Spectroscopy Equipment, by End User, 2017-2023

Figure 8: Global Market for Spectroscopy Equipment in Pharmaceutical and

Biotechnology Industry, 2017-2023

Figure 9: Global Market for Spectroscopy Equipment in Food and Beverage Industry, 2017-2023

Figure 10: Global Market for Spectroscopy Equipment in Environmental Industry, 2017-2023

Figure 11: Global Market for Spectroscopy, by Region

Figure 12: Global Market Share for Spectroscopy, by Region, 2017

Figure 13: North American Market for Spectroscopy, by Type, 2017-2023

Figure 14: North American Market for Spectroscopy, by End User, 2017-2023

Figure 15: North American Market for Spectroscopy, by Country, 2017-2023

Figure 16: European Market for Spectroscopy, by Type, 2017-2023

Figure 17: European Market for Spectroscopy, by End User, 2017-2023

Figure 18: European Market for Spectroscopy, by Country, 2017-2023

Figure 19: Asia-Pacific Market for Spectroscopy, by Type, 2017-2023

Figure 20: Asia-Pacific Market for Spectroscopy, by End User, 2017-2023

Figure 21: Asia-Pacific Market for Spectroscopy, by Country, 2017-2023

Figure 22: Rest of the World Market for Spectroscopy, by Type, 2017-2023

Figure 23: Rest of the World Market for Spectroscopy, by End User, 2017-2023

Figure 24: Rest of the World Market for Spectroscopy, by Country, 2017-2023

Figure 25: Porter's Five Forces Analysis

Figure 26: Spectroscopy Equipment: Key Developments, 2015-2018*

Figure 27: Agilent Technologies Market Share, by Business Segment, 2017

Figure 28: Agilent Technologies Market Share, by Region, 2017

Figure 29: Bruker Market Share, by Business Segment, 2017

Figure 30: Bruker Market Share, by Region, 2017

Figure 31: Danaher Market Share, by Business Segment, 2017



- Figure 32: Danaher Market Share, by Region, 2017
- Figure 33: JEOL Market Share, by Business Segment, 2017
- Figure 34: JEOL Market Share, by Region, 2017
- Figure 35: PerkinElmer Market Share, by Business Segment, 2017
- Figure 36: PerkinElmer Market Share, by Region, 2017
- Figure 37: Shimadzu Market Share, by Business Segment, 2017
- Figure 38: Shimadzu Market Share, by Region, 2017
- Figure 39: Thermo Fisher Scientific Market Share, by Business Segment, 2017
- Figure 40: Thermo Fisher Scientific Market Share, by Region, 2017
- Figure 41: Waters Market Share, by Business Segment, 2017
- Figure 42: Waters Market Share, by Region, 2017



I would like to order

Product name: Global Markets for Spectroscopy Equipment

Product link: https://marketpublishers.com/r/GE990F58CB4EN.html

Price: US\$ 1,375.00 (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/GE990F58CB4EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:		
Last name:		
Email:		
Company:		
Address:		
City:		
Zip code:		
Country:		
Tel:		
Fax:		
Your message:		
	**All fields are required	
	Custumer signature	

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970