

Global Markets for Raman Spectroscopy

<https://marketpublishers.com/r/G416CF71DDBEN.html>

Date: December 2018

Pages: 99

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

ID: G416CF71DDBEN

Abstracts

Report Scope:

The report forecasts the market size for Raman spectroscopy used in end applications including life sciences, material sciences, carbon materials, semiconductors and others. Forecasts for individual end applications are classified on the basis of Raman spectroscopy instruments and geographic region. Geographic regions include North America, Europe, Asia-Pacific and Rest of World. Major countries studied in this market are the U.S., Canada, Germany, Switzerland, U.K., France, China, Japan, India and other countries around the globe.

The report also provides an overview of Raman spectroscopy, introduces the value chain of the industry, and highlights the characteristics of Raman spectroscopy adoption by various sampling techniques adopted by the vendors. On the basis of application area, the market was studied for life sciences, material sciences, carbon materials, semiconductors, and other applications. All regional and global players were taken into consideration in the estimation of market size through tracking the revenues and market share of key vendors. Some of the major companies profiled in the report are Aabspec Instrumentation Corp., Agilent Technologies Inc., B&W Tek, Bruker, Digilab Inc., Foss, Horiba Ltd., JEOL Ltd., Kaiser Optical Systems Inc., Metrohm India Ltd., Montana Instruments Corp., Ocean Optics Inc., Ondax Inc., Coherent Inc., PerkinElmer Inc., Renishaw PLC, Rigaku Corp., Shimadzu Corp., Smiths Detection Inc., Thermo Fisher Scientific and TSI Inc.

Market values were estimated based on the revenue of all Raman spectroscopy vendors, including revenue from lab assisted contract services, Raman libraries, Raman spectroscopy software sales, and revenues from research lab automation solutions and maintenance services.

Report Includes:

57 tables

A brief overview of the global markets for Raman spectroscopy

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

Highlights of the innovation-driven Raman spectroscopy market, and the major regions and countries involved in such developments

An assessment of the widespread applications of Raman spectroscopy and the market dynamics of each application segment

Identification of the key trends related to the applications, sampling techniques and instruments that shape and influence the Raman spectroscopy market

Detailed description of surface enhanced Raman scattering and tip enhanced Raman scattering

Examination of competitive landscape for the market, and coverage of major industry players, their key strategies, product developments and revenue details

Company profiles of key players in the Raman spectroscopy market, including Agilent Technologies Inc., Bruker Corp., PerkinElmer Inc., Smiths Detection Inc., and Thermo Fisher Scientific

Contents

CHAPTER 1 INTRODUCTION

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

CHAPTER 2 SUMMARY AND HIGHLIGHTS

CHAPTER 3 MARKET OVERVIEW

Market Definition
History
Market Scenario
Value Chain Analysis
Component Providers
Instrument Manufacturers
Market Dynamics
Drivers
Restraints
Opportunities

CHAPTER 4 MARKET BREAKDOWN BY SAMPLING TECHNIQUE

Introduction
Surface-Enhanced Raman Scattering
Tip-Enhanced Raman Scattering
Other Raman Scattering Techniques

CHAPTER 5 MARKET BREAKDOWN BY TYPE OF INSTRUMENT

Introduction

Probe-based Raman
Fourier-transform Infrared Raman
Micro-Raman
Others

CHAPTER 6 MARKET BREAKDOWN BY APPLICATION AREA

Introduction
Life Sciences
Material Sciences
Carbon Materials
Semiconductors
Others

CHAPTER 7 MARKET BREAKDOWN BY REGION

Introduction
North America
Europe
Asia-Pacific
Rest of the World (RoW)

CHAPTER 8 COMPETITIVE LANDSCAPE

Market Share Analysis
Analysis of Major Strategies
Key Market Developments
Case Studies
Use of Raman Spectroscopy for Art Purposes
Pigment Analysis of the Gutenberg Bibles
Characterization of Mummified Tissues
Ancient Ceramics and Glasses
In Situ Analysis of Medieval Frescoes with Portable Raman Spectroscopy
Conclusions

CHAPTER 9 COMPANY PROFILES

AABSPEC INSTRUMENTATION CORP.
Company Overview

AGILENT TECHNOLOGIES

Company Overview

ANTON PAAR GMBH

Company Overview

B&W TEK INC. (METROHM AG)

Company Overview

BRUKER CORP.

Company Overview

Financials

Products and Services

DIGILAB INC.

Company Overview

FOSS A/S

Company Overview

HAMAMATSU PHOTONICS K.K.

Company Overview

HORIBA LTD.

Company Overview

Financials

Products and Services

JASCO INC.

Company Overview

JEOL LTD.

Company Overview

KAISER OPTICAL SYSTEMS INC.

Company Overview

MALVERN PANALYTICAL LTD.

Company Overview

METROHM AG

Company Overview

MONTANA INSTRUMENTS CORP.

Company Overview

OCEAN OPTICS INC.

Company Overview

ONDAX INC.

Company Overview

PERKINELMER, INC.

Company Overview

PRINCETON INSTRUMENTS

Company Overview
RENISHAW PLC
Company Overview
Financials
Products and Services
RIGAKU (RIGAKU RAMAN TECHNOLOGIES)
Company Overview
SEMROCK INC.
Company Overview
SHIMADZU CORP.
Company Overview
SMITHS DETECTION
Company Overview
SNOWY RANGE INSTRUMENTS
Company Overview
SPECTRAL PRODUCTS
Company Overview
THERMOFISHER SCIENTIFIC INC.
Company Overview
Financials
Products and Services
TSI INC.
Company Overview
Key Developments

List Of Tables

LIST OF TABLES

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

Table 1: Global Market for Raman Spectroscopy, by Sampling Technique, Through 2023

Table 2: Global Market for Surface-Enhanced Raman Scattering, by Type of Instrument, Through 2023

Table 3: Global Market for Surface-Enhanced Raman Scattering, by Application Area, Through 2023

Table 4: Global Market for Surface-Enhanced Raman Scattering, by Region, Through 2023

Table 5: Global Market for Tip-Enhanced Raman Scattering, by Type of Instrument, Through 2023

Table 6: Global Market for Tip-Enhanced Raman Scattering, by Application Area, Through 2023

Table 7: Global Market for Tip-Enhanced Raman Scattering, by Region, Through 2023

Table 8: Global Market for Other Raman Scattering Techniques, by Type of Instrument, Through 2023

Table 9: Global Market for Other Raman Scattering Techniques, by Application Area, Through 2023

Table 10: Global Market for Other Raman Scattering Techniques, by Region, Through 2023

Table 11: Global Market for Raman Spectroscopy, by Type of Instrument, Through 2023

Table 12: Global Market for Probe-based Raman Instruments, by Sampling Technique, Through 2023

Table 13: Global Market for Probe-based Raman Instruments, by Region, Through 2023

Table 14: Global Market for Fourier-transform Infrared Raman Instruments, by Sampling Technique, Through 2023

Table 15: Global Market for Fourier-transform Infrared Raman Instruments, by Region, Through 2023

Table 16: Global Market for Micro-Raman Instruments, by Sampling Technique, Through 2023

Table 17: Global Market for Micro-Raman Instruments, by Region, Through 2023

Table 18: Global Market for Other Raman Instruments, by Sampling Technique, Through 2023

Table 19: Global Market for Other Raman Instruments, by Region, Through 2023

Table 20: Global Market for Raman Spectroscopy, by Application Area, Through 2023

Table 21: Global Market for Life Science Applications, by Sampling Technique, Through 2023

Table 22: Global Market for Life Science Applications, by Region, Through 2023

Table 23: Global Market for Material Science Applications, by Sampling Technique, Through 2023

Table 24: Global Market for Material Science Applications, by Region, Through 2023

Table 25: Global Market for Carbon Material Applications, by Sampling Technique, Through 2023

Table 26: Global Market for Carbon Material Applications, by Region, Through 2023

Table 27: Global Market for Semiconductor Applications, by Sampling Technique, Through 2023

Table 28: Global Market for Semiconductor Applications, by Region, Through 2023

Table 29: Global Market for Other Raman Spectroscopy Applications, by Sampling Technique, Through 2023

Table 30: Global Market for Other Raman Spectroscopy Applications, by Region, Through 2023

Table 31: Global Market for Raman Spectroscopy, by Region, Through 2023

Table 32: North American Market for Raman Spectroscopy, by Country, Through 2023

Table 33: North American Market for Raman Spectroscopy, by Sampling Technique, Through 2023

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

Table 35: North American Market for Raman Spectroscopy, by Application Area, Through 2023

Table 36: European Market for Raman Spectroscopy, by Country, Through 2023

Table 37: European Market for Raman Spectroscopy, by Sampling Technique, Through 2023

Table 38: European Market for Raman Spectroscopy, by Type of Instrument, Through 2023

Table 39: European Market for Raman Spectroscopy, by Application Area, Through 2023

Table 40: Asia-Pacific Market for Raman Spectroscopy, by Country, Through 2023

Table 41: Asia-Pacific Market for Raman Spectroscopy, by Sampling Technique, Through 2023

Table 42: Asia-Pacific Market for Raman Spectroscopy, by Type of Instrument, Through 2023

Table 43: Asia-Pacific Market for Raman Spectroscopy, by Application Area, Through 2023

Table 44: RoW Market for Raman Spectroscopy, by Country/Region, Through 2023

Table 45: RoW Market for Raman Spectroscopy, by Sampling Technique, Through 2023

Table 46: RoW Market for Raman Spectroscopy, by Type of Instrument, Through 2023

Table 47: RoW Market for Raman Spectroscopy, by Application Area, Through 2023

Table 48: Key Developments in Raman Spectroscopy Market, 2016-2018*

Table 49: Bruker Corp.: Net Revenue, 2015-2017

Table 50: Bruker Corp.: Strategic Developments, 2018

Table 51: Horiba Ltd.: Net Revenue, 2015-2017

Table 52: Horiba Ltd.: Strategic Developments, 2016-2018

Table 53: Renishaw plc: Net Revenue, 2017-2018

Table 54: Renishaw plc: Strategic Developments, 2018

Table 55: Thermo Fisher Scientific Inc.: Net Revenue, 2015-2017

Table 56: Thermo Fisher Scientific Inc: Strategic Developments, 2016-2018

List Of Figures

LIST OF FIGURES

Summary Figure: Global Market for Raman Spectroscopy, by Region, 2017-2023

Figure 1: Value Chain Analysis

Figure 2: Global Market for Raman Spectroscopy, by Sampling Technique, 2017-2023

Figure 3: Global Market Share for Raman Spectroscopy, by Sampling Technique, 2017

Figure 4: Global Market Share for Raman Spectroscopy, by Sampling Technique, 2023

Figure 5: Global Market for Raman Spectroscopy, by Type of Instrument, 2017-2023

Figure 6: Global Market Share for Raman Spectroscopy, by Type of Instrument, 2017

Figure 7: Global Market Share for Raman Spectroscopy, by Type of Instrument, 2023

Figure 8: Global Market for Raman Spectroscopy, by Application Area, 2017-2023

Figure 9: Global Market Share for Raman Spectroscopy, by Application Area, 2017

Figure 10: Global Market Share for Raman Spectroscopy, by Application Area, 2023

Figure 11: Global Market Share for Raman Spectroscopy, by Region, 2017

Figure 12: Global Market Share Analysis of Raman spectroscopy, by Company, 2017

Figure 13: Key Developments in Raman Spectroscopy Market, 2016-2018*

Figure 14: Bruker Corp.: Revenue Share, by Business Segment, 2017

Figure 15: Bruker Corp.: Revenue Share, by Country/Region, 2017

Figure 16: Horiba Ltd.: Revenue Share, by Business Segment, 2017

Figure 17: Horiba Ltd.: Revenue Share, by Country/Region, 2017

Figure 18: Renishaw plc: Revenue Share, by Business Segment, 2018

Figure 19: Renishaw plc: Revenue Share, by Country/Region, 2017

Figure 20: Thermo Fisher Scientific Inc.: Revenue Share, by Business Segment, 2017

Figure 21: Thermo Fisher Scientific Inc.: Revenue Share, by Region, 2017

I would like to order

Product name: Global Markets for Raman Spectroscopy

Product link: <https://marketpublishers.com/r/G416CF71DDBEN.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/G416CF71DDBEN.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**

Customer 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