

Global Portable NIR & Raman Spectrometers Market Growth 2023-2029

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Abstracts

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Near-infrared (NIR) spectrometer is the measurement of the wavelength and intensity of the absorption of near-infrared light by a sample. NIR spectroscopy is typically used for quantitative measurement of organic functional groups, especially O-H, N-H, and C=O.

Raman spectroscopy is a spectroscopic technique used to observe vibrational, rotational, and other low-frequency modes in a system. It relies on inelastic scattering, or Raman scattering, of monochromatic light, usually from a laser in the visible, near infrared, or near ultraviolet range. The laser light interacts with molecular vibrations, phonons or other excitations in the system, resulting in the energy of the laser photons being shifted up or down. The shift in energy gives information about the vibrational modes in the system. Infrared spectroscopy yields similar, but complementary, information.

LPI (LP Information)' newest research report, the "Portable NIR & Raman Spectrometers Industry Forecast" looks at past sales and reviews total world Portable NIR & Raman Spectrometers sales in 2022, providing a comprehensive analysis by region and market sector of projected Portable NIR & Raman Spectrometers sales for 2023 through 2029. With Portable NIR & Raman Spectrometers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Portable NIR & Raman Spectrometers industry.

This Insight Report provides a comprehensive analysis of the global Portable NIR & Raman Spectrometers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and

M&A activity. This report also analyzes the strategies of leading global companies with a focus on Portable NIR & Raman Spectrometers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Portable NIR & Raman Spectrometers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Portable NIR & Raman Spectrometers and breaks down the forecast by type, by application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Portable NIR & Raman Spectrometers.

The global Portable NIR & Raman Spectrometers market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Portable NIR & Raman Spectrometers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Portable NIR & Raman Spectrometers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Portable NIR & Raman Spectrometers is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Portable NIR & Raman Spectrometers players cover Thermo Fisher, Bruker, Horiba, B&W Tek, Ocean Optics, JASCO, PerkinElmer, Agilent Technologies and TSI, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Portable NIR & Raman Spectrometers market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Portable NIR Spectrometers

Portable Raman Spectrometers

Segmentation by application

Pharmaceutical

Industrial Sector

Food and Agricultural

Research and Academic

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Thermo Fisher

Bruker

Horiba

B&W Tek

Ocean Optics

JASCO

PerkinElmer

Agilent Technologies

TSI

Rigaku

SciAps

Zolix

Key Questions Addressed in this Report

What is the 10-year outlook for the global Portable NIR & Raman Spectrometers market?

What factors are driving Portable NIR & Raman Spectrometers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Portable NIR & Raman Spectrometers market opportunities vary by end market size?

How does Portable NIR & Raman Spectrometers break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Portable NIR & Raman Spectrometers Annual Sales 2018-2029
- 2.1.2 World Current & Future Analysis for Portable NIR & Raman Spectrometers by Geographic Region, 2018, 2022 & 2029
- 2.1.3 World Current & Future Analysis for Portable NIR & Raman Spectrometers by Country/Region, 2018, 2022 & 2029

2.2 Portable NIR & Raman Spectrometers Segment by Type

- 2.2.1 Portable NIR Spectrometers
- 2.2.2 Portable Raman Spectrometers

2.3 Portable NIR & Raman Spectrometers Sales by Type

- 2.3.1 Global Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)
- 2.3.2 Global Portable NIR & Raman Spectrometers Revenue and Market Share by Type (2018-2023)
- 2.3.3 Global Portable NIR & Raman Spectrometers Sale Price by Type (2018-2023)

2.4 Portable NIR & Raman Spectrometers Segment by Application

- 2.4.1 Pharmaceutical
- 2.4.2 Industrial Sector
- 2.4.3 Food and Agricultural
- 2.4.4 Research and Academic
- 2.4.5 Others

2.5 Portable NIR & Raman Spectrometers Sales by Application

- 2.5.1 Global Portable NIR & Raman Spectrometers Sale Market Share by Application (2018-2023)

2.5.2 Global Portable NIR & Raman Spectrometers Revenue and Market Share by Application (2018-2023)

2.5.3 Global Portable NIR & Raman Spectrometers Sale Price by Application (2018-2023)

3 GLOBAL PORTABLE NIR & RAMAN SPECTROMETERS BY COMPANY

3.1 Global Portable NIR & Raman Spectrometers Breakdown Data by Company

3.1.1 Global Portable NIR & Raman Spectrometers Annual Sales by Company (2018-2023)

3.1.2 Global Portable NIR & Raman Spectrometers Sales Market Share by Company (2018-2023)

3.2 Global Portable NIR & Raman Spectrometers Annual Revenue by Company (2018-2023)

3.2.1 Global Portable NIR & Raman Spectrometers Revenue by Company (2018-2023)

3.2.2 Global Portable NIR & Raman Spectrometers Revenue Market Share by Company (2018-2023)

3.3 Global Portable NIR & Raman Spectrometers Sale Price by Company

3.4 Key Manufacturers Portable NIR & Raman Spectrometers Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Portable NIR & Raman Spectrometers Product Location Distribution

3.4.2 Players Portable NIR & Raman Spectrometers Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

3.6 New Products and Potential Entrants

3.7 Mergers & Acquisitions, Expansion

4 WORLD HISTORIC REVIEW FOR PORTABLE NIR & RAMAN SPECTROMETERS BY GEOGRAPHIC REGION

4.1 World Historic Portable NIR & Raman Spectrometers Market Size by Geographic Region (2018-2023)

4.1.1 Global Portable NIR & Raman Spectrometers Annual Sales by Geographic Region (2018-2023)

4.1.2 Global Portable NIR & Raman Spectrometers Annual Revenue by Geographic Region (2018-2023)

4.2 World Historic Portable NIR & Raman Spectrometers Market Size by Country/Region (2018-2023)

4.2.1 Global Portable NIR & Raman Spectrometers Annual Sales by Country/Region (2018-2023)

4.2.2 Global Portable NIR & Raman Spectrometers Annual Revenue by Country/Region (2018-2023)

4.3 Americas Portable NIR & Raman Spectrometers Sales Growth

4.4 APAC Portable NIR & Raman Spectrometers Sales Growth

4.5 Europe Portable NIR & Raman Spectrometers Sales Growth

4.6 Middle East & Africa Portable NIR & Raman Spectrometers Sales Growth

5 AMERICAS

5.1 Americas Portable NIR & Raman Spectrometers Sales by Country

5.1.1 Americas Portable NIR & Raman Spectrometers Sales by Country (2018-2023)

5.1.2 Americas Portable NIR & Raman Spectrometers Revenue by Country (2018-2023)

5.2 Americas Portable NIR & Raman Spectrometers Sales by Type

5.3 Americas Portable NIR & Raman Spectrometers Sales by Application

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Portable NIR & Raman Spectrometers Sales by Region

6.1.1 APAC Portable NIR & Raman Spectrometers Sales by Region (2018-2023)

6.1.2 APAC Portable NIR & Raman Spectrometers Revenue by Region (2018-2023)

6.2 APAC Portable NIR & Raman Spectrometers Sales by Type

6.3 APAC Portable NIR & Raman Spectrometers Sales by Application

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Portable NIR & Raman Spectrometers by Country

7.1.1 Europe Portable NIR & Raman Spectrometers Sales by Country (2018-2023)

7.1.2 Europe Portable NIR & Raman Spectrometers Revenue by Country (2018-2023)

7.2 Europe Portable NIR & Raman Spectrometers Sales by Type

7.3 Europe Portable NIR & Raman Spectrometers Sales by Application

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Portable NIR & Raman Spectrometers by Country

8.1.1 Middle East & Africa Portable NIR & Raman Spectrometers Sales by Country (2018-2023)

8.1.2 Middle East & Africa Portable NIR & Raman Spectrometers Revenue by Country (2018-2023)

8.2 Middle East & Africa Portable NIR & Raman Spectrometers Sales by Type

8.3 Middle East & Africa Portable NIR & Raman Spectrometers Sales by Application

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Portable NIR & Raman Spectrometers

10.3 Manufacturing Process Analysis of Portable NIR & Raman Spectrometers

10.4 Industry Chain Structure of Portable NIR & Raman Spectrometers

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Portable NIR & Raman Spectrometers Distributors

11.3 Portable NIR & Raman Spectrometers Customer

12 WORLD FORECAST REVIEW FOR PORTABLE NIR & RAMAN SPECTROMETERS BY GEOGRAPHIC REGION

12.1 Global Portable NIR & Raman Spectrometers Market Size Forecast by Region

12.1.1 Global Portable NIR & Raman Spectrometers Forecast by Region (2024-2029)

12.1.2 Global Portable NIR & Raman Spectrometers Annual Revenue Forecast by Region (2024-2029)

12.2 Americas Forecast by Country

12.3 APAC Forecast by Region

12.4 Europe Forecast by Country

12.5 Middle East & Africa Forecast by Country

12.6 Global Portable NIR & Raman Spectrometers Forecast by Type

12.7 Global Portable NIR & Raman Spectrometers Forecast by Application

13 KEY PLAYERS ANALYSIS

13.1 Thermo Fisher

13.1.1 Thermo Fisher Company Information

13.1.2 Thermo Fisher Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.1.3 Thermo Fisher Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.1.4 Thermo Fisher Main Business Overview

13.1.5 Thermo Fisher Latest Developments

13.2 Bruker

13.2.1 Bruker Company Information

13.2.2 Bruker Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.2.3 Bruker Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross

Margin (2018-2023)

13.2.4 Bruker Main Business Overview

13.2.5 Bruker Latest Developments

13.3 Horiba

13.3.1 Horiba Company Information

13.3.2 Horiba Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.3.3 Horiba Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.3.4 Horiba Main Business Overview

13.3.5 Horiba Latest Developments

13.4 B&W Tek

13.4.1 B&W Tek Company Information

13.4.2 B&W Tek Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.4.3 B&W Tek Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.4.4 B&W Tek Main Business Overview

13.4.5 B&W Tek Latest Developments

13.5 Ocean Optics

13.5.1 Ocean Optics Company Information

13.5.2 Ocean Optics Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.5.3 Ocean Optics Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.5.4 Ocean Optics Main Business Overview

13.5.5 Ocean Optics Latest Developments

13.6 JASCO

13.6.1 JASCO Company Information

13.6.2 JASCO Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.6.3 JASCO Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.6.4 JASCO Main Business Overview

13.6.5 JASCO Latest Developments

13.7 PerkinElmer

13.7.1 PerkinElmer Company Information

13.7.2 PerkinElmer Portable NIR & Raman Spectrometers Product Portfolios and Specifications

- 13.7.3 PerkinElmer Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)
- 13.7.4 PerkinElmer Main Business Overview
- 13.7.5 PerkinElmer Latest Developments
- 13.8 Agilent Technologies
 - 13.8.1 Agilent Technologies Company Information
 - 13.8.2 Agilent Technologies Portable NIR & Raman Spectrometers Product Portfolios and Specifications
 - 13.8.3 Agilent Technologies Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.8.4 Agilent Technologies Main Business Overview
 - 13.8.5 Agilent Technologies Latest Developments
- 13.9 TSI
 - 13.9.1 TSI Company Information
 - 13.9.2 TSI Portable NIR & Raman Spectrometers Product Portfolios and Specifications
 - 13.9.3 TSI Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.9.4 TSI Main Business Overview
 - 13.9.5 TSI Latest Developments
- 13.10 Rigaku
 - 13.10.1 Rigaku Company Information
 - 13.10.2 Rigaku Portable NIR & Raman Spectrometers Product Portfolios and Specifications
 - 13.10.3 Rigaku Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.10.4 Rigaku Main Business Overview
 - 13.10.5 Rigaku Latest Developments
- 13.11 SciAps
 - 13.11.1 SciAps Company Information
 - 13.11.2 SciAps Portable NIR & Raman Spectrometers Product Portfolios and Specifications
 - 13.11.3 SciAps Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)
 - 13.11.4 SciAps Main Business Overview
 - 13.11.5 SciAps Latest Developments
- 13.12 Zolix
 - 13.12.1 Zolix Company Information
 - 13.12.2 Zolix Portable NIR & Raman Spectrometers Product Portfolios and Specifications

13.12.3 Zolix Portable NIR & Raman Spectrometers Sales, Revenue, Price and Gross Margin (2018-2023)

13.12.4 Zolix Main Business Overview

13.12.5 Zolix Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Portable NIR & Raman Spectrometers Annual Sales CAGR by Geographic Region (2018, 2022 & 2029) & (\$ millions)

Table 2. Portable NIR & Raman Spectrometers Annual Sales CAGR by Country/Region (2018, 2022 & 2029) & (\$ millions)

Table 3. Major Players of Portable NIR Spectrometers

Table 4. Major Players of Portable Raman Spectrometers

Table 5. Global Portable NIR & Raman Spectrometers Sales by Type (2018-2023) & (Units)

Table 6. Global Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)

Table 7. Global Portable NIR & Raman Spectrometers Revenue by Type (2018-2023) & (\$ million)

Table 8. Global Portable NIR & Raman Spectrometers Revenue Market Share by Type (2018-2023)

Table 9. Global Portable NIR & Raman Spectrometers Sale Price by Type (2018-2023) & (USD/Unit)

Table 10. Global Portable NIR & Raman Spectrometers Sales by Application (2018-2023) & (Units)

Table 11. Global Portable NIR & Raman Spectrometers Sales Market Share by Application (2018-2023)

Table 12. Global Portable NIR & Raman Spectrometers Revenue by Application (2018-2023)

Table 13. Global Portable NIR & Raman Spectrometers Revenue Market Share by Application (2018-2023)

Table 14. Global Portable NIR & Raman Spectrometers Sale Price by Application (2018-2023) & (USD/Unit)

Table 15. Global Portable NIR & Raman Spectrometers Sales by Company (2018-2023) & (Units)

Table 16. Global Portable NIR & Raman Spectrometers Sales Market Share by Company (2018-2023)

Table 17. Global Portable NIR & Raman Spectrometers Revenue by Company (2018-2023) (\$ Millions)

Table 18. Global Portable NIR & Raman Spectrometers Revenue Market Share by Company (2018-2023)

Table 19. Global Portable NIR & Raman Spectrometers Sale Price by Company

(2018-2023) & (USD/Unit)

Table 20. Key Manufacturers Portable NIR & Raman Spectrometers Producing Area Distribution and Sales Area

Table 21. Players Portable NIR & Raman Spectrometers Products Offered

Table 22. Portable NIR & Raman Spectrometers Concentration Ratio (CR3, CR5 and CR10) & (2018-2023)

Table 23. New Products and Potential Entrants

Table 24. Mergers & Acquisitions, Expansion

Table 25. Global Portable NIR & Raman Spectrometers Sales by Geographic Region (2018-2023) & (Units)

Table 26. Global Portable NIR & Raman Spectrometers Sales Market Share Geographic Region (2018-2023)

Table 27. Global Portable NIR & Raman Spectrometers Revenue by Geographic Region (2018-2023) & (\$ millions)

Table 28. Global Portable NIR & Raman Spectrometers Revenue Market Share by Geographic Region (2018-2023)

Table 29. Global Portable NIR & Raman Spectrometers Sales by Country/Region (2018-2023) & (Units)

Table 30. Global Portable NIR & Raman Spectrometers Sales Market Share by Country/Region (2018-2023)

Table 31. Global Portable NIR & Raman Spectrometers Revenue by Country/Region (2018-2023) & (\$ millions)

Table 32. Global Portable NIR & Raman Spectrometers Revenue Market Share by Country/Region (2018-2023)

Table 33. Americas Portable NIR & Raman Spectrometers Sales by Country (2018-2023) & (Units)

Table 34. Americas Portable NIR & Raman Spectrometers Sales Market Share by Country (2018-2023)

Table 35. Americas Portable NIR & Raman Spectrometers Revenue by Country (2018-2023) & (\$ Millions)

Table 36. Americas Portable NIR & Raman Spectrometers Revenue Market Share by Country (2018-2023)

Table 37. Americas Portable NIR & Raman Spectrometers Sales by Type (2018-2023) & (Units)

Table 38. Americas Portable NIR & Raman Spectrometers Sales by Application (2018-2023) & (Units)

Table 39. APAC Portable NIR & Raman Spectrometers Sales by Region (2018-2023) & (Units)

Table 40. APAC Portable NIR & Raman Spectrometers Sales Market Share by Region

(2018-2023)

Table 41. APAC Portable NIR & Raman Spectrometers Revenue by Region (2018-2023) & (\$ Millions)

Table 42. APAC Portable NIR & Raman Spectrometers Revenue Market Share by Region (2018-2023)

Table 43. APAC Portable NIR & Raman Spectrometers Sales by Type (2018-2023) & (Units)

Table 44. APAC Portable NIR & Raman Spectrometers Sales by Application (2018-2023) & (Units)

Table 45. Europe Portable NIR & Raman Spectrometers Sales by Country (2018-2023) & (Units)

Table 46. Europe Portable NIR & Raman Spectrometers Sales Market Share by Country (2018-2023)

Table 47. Europe Portable NIR & Raman Spectrometers Revenue by Country (2018-2023) & (\$ Millions)

Table 48. Europe Portable NIR & Raman Spectrometers Revenue Market Share by Country (2018-2023)

Table 49. Europe Portable NIR & Raman Spectrometers Sales by Type (2018-2023) & (Units)

Table 50. Europe Portable NIR & Raman Spectrometers Sales by Application (2018-2023) & (Units)

Table 51. Middle East & Africa Portable NIR & Raman Spectrometers Sales by Country (2018-2023) & (Units)

Table 52. Middle East & Africa Portable NIR & Raman Spectrometers Sales Market Share by Country (2018-2023)

Table 53. Middle East & Africa Portable NIR & Raman Spectrometers Revenue by Country (2018-2023) & (\$ Millions)

Table 54. Middle East & Africa Portable NIR & Raman Spectrometers Revenue Market Share by Country (2018-2023)

Table 55. Middle East & Africa Portable NIR & Raman Spectrometers Sales by Type (2018-2023) & (Units)

Table 56. Middle East & Africa Portable NIR & Raman Spectrometers Sales by Application (2018-2023) & (Units)

Table 57. Key Market Drivers & Growth Opportunities of Portable NIR & Raman Spectrometers

Table 58. Key Market Challenges & Risks of Portable NIR & Raman Spectrometers

Table 59. Key Industry Trends of Portable NIR & Raman Spectrometers

Table 60. Portable NIR & Raman Spectrometers Raw Material

Table 61. Key Suppliers of Raw Materials

- Table 62. Portable NIR & Raman Spectrometers Distributors List
- Table 63. Portable NIR & Raman Spectrometers Customer List
- Table 64. Global Portable NIR & Raman Spectrometers Sales Forecast by Region (2024-2029) & (Units)
- Table 65. Global Portable NIR & Raman Spectrometers Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 66. Americas Portable NIR & Raman Spectrometers Sales Forecast by Country (2024-2029) & (Units)
- Table 67. Americas Portable NIR & Raman Spectrometers Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 68. APAC Portable NIR & Raman Spectrometers Sales Forecast by Region (2024-2029) & (Units)
- Table 69. APAC Portable NIR & Raman Spectrometers Revenue Forecast by Region (2024-2029) & (\$ millions)
- Table 70. Europe Portable NIR & Raman Spectrometers Sales Forecast by Country (2024-2029) & (Units)
- Table 71. Europe Portable NIR & Raman Spectrometers Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 72. Middle East & Africa Portable NIR & Raman Spectrometers Sales Forecast by Country (2024-2029) & (Units)
- Table 73. Middle East & Africa Portable NIR & Raman Spectrometers Revenue Forecast by Country (2024-2029) & (\$ millions)
- Table 74. Global Portable NIR & Raman Spectrometers Sales Forecast by Type (2024-2029) & (Units)
- Table 75. Global Portable NIR & Raman Spectrometers Revenue Forecast by Type (2024-2029) & (\$ Millions)
- Table 76. Global Portable NIR & Raman Spectrometers Sales Forecast by Application (2024-2029) & (Units)
- Table 77. Global Portable NIR & Raman Spectrometers Revenue Forecast by Application (2024-2029) & (\$ Millions)
- Table 78. Thermo Fisher Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors
- Table 79. Thermo Fisher Portable NIR & Raman Spectrometers Product Portfolios and Specifications
- Table 80. Thermo Fisher Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)
- Table 81. Thermo Fisher Main Business
- Table 82. Thermo Fisher Latest Developments
- Table 83. Bruker Basic Information, Portable NIR & Raman Spectrometers

Manufacturing Base, Sales Area and Its Competitors

Table 84. Bruker Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 85. Bruker Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 86. Bruker Main Business

Table 87. Bruker Latest Developments

Table 88. Horiba Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 89. Horiba Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 90. Horiba Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 91. Horiba Main Business

Table 92. Horiba Latest Developments

Table 93. B&W Tek Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 94. B&W Tek Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 95. B&W Tek Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 96. B&W Tek Main Business

Table 97. B&W Tek Latest Developments

Table 98. Ocean Optics Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 99. Ocean Optics Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 100. Ocean Optics Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 101. Ocean Optics Main Business

Table 102. Ocean Optics Latest Developments

Table 103. JASCO Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 104. JASCO Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 105. JASCO Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 106. JASCO Main Business

Table 107. JASCO Latest Developments

Table 108. PerkinElmer Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 109. PerkinElmer Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 110. PerkinElmer Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 111. PerkinElmer Main Business

Table 112. PerkinElmer Latest Developments

Table 113. Agilent Technologies Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 114. Agilent Technologies Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 115. Agilent Technologies Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 116. Agilent Technologies Main Business

Table 117. Agilent Technologies Latest Developments

Table 118. TSI Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 119. TSI Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 120. TSI Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 121. TSI Main Business

Table 122. TSI Latest Developments

Table 123. Rigaku Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 124. Rigaku Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 125. Rigaku Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 126. Rigaku Main Business

Table 127. Rigaku Latest Developments

Table 128. SciAps Basic Information, Portable NIR & Raman Spectrometers Manufacturing Base, Sales Area and Its Competitors

Table 129. SciAps Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 130. SciAps Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 131. SciAps Main Business

Table 132. SciAps Latest Developments

Table 133. Zolix Basic Information, Portable NIR & Raman Spectrometers

Manufacturing Base, Sales Area and Its Competitors

Table 134. Zolix Portable NIR & Raman Spectrometers Product Portfolios and Specifications

Table 135. Zolix Portable NIR & Raman Spectrometers Sales (Units), Revenue (\$ Million), Price (USD/Unit) and Gross Margin (2018-2023)

Table 136. Zolix Main Business

Table 137. Zolix Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Portable NIR & Raman Spectrometers

Figure 2. Portable NIR & Raman Spectrometers Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Portable NIR & Raman Spectrometers Sales Growth Rate 2018-2029 (Units)

Figure 7. Global Portable NIR & Raman Spectrometers Revenue Growth Rate 2018-2029 (\$ Millions)

Figure 8. Portable NIR & Raman Spectrometers Sales by Region (2018, 2022 & 2029) & (\$ Millions)

Figure 9. Product Picture of Portable NIR Spectrometers

Figure 10. Product Picture of Portable Raman Spectrometers

Figure 11. Global Portable NIR & Raman Spectrometers Sales Market Share by Type in 2022

Figure 12. Global Portable NIR & Raman Spectrometers Revenue Market Share by Type (2018-2023)

Figure 13. Portable NIR & Raman Spectrometers Consumed in Pharmaceutical

Figure 14. Global Portable NIR & Raman Spectrometers Market: Pharmaceutical (2018-2023) & (Units)

Figure 15. Portable NIR & Raman Spectrometers Consumed in Industrial Sector

Figure 16. Global Portable NIR & Raman Spectrometers Market: Industrial Sector (2018-2023) & (Units)

Figure 17. Portable NIR & Raman Spectrometers Consumed in Food and Agricultural

Figure 18. Global Portable NIR & Raman Spectrometers Market: Food and Agricultural (2018-2023) & (Units)

Figure 19. Portable NIR & Raman Spectrometers Consumed in Research and Academic

Figure 20. Global Portable NIR & Raman Spectrometers Market: Research and Academic (2018-2023) & (Units)

Figure 21. Portable NIR & Raman Spectrometers Consumed in Others

Figure 22. Global Portable NIR & Raman Spectrometers Market: Others (2018-2023) & (Units)

Figure 23. Global Portable NIR & Raman Spectrometers Sales Market Share by Application (2022)

Figure 24. Global Portable NIR & Raman Spectrometers Revenue Market Share by Application in 2022

Figure 25. Portable NIR & Raman Spectrometers Sales Market by Company in 2022 (Units)

Figure 26. Global Portable NIR & Raman Spectrometers Sales Market Share by Company in 2022

Figure 27. Portable NIR & Raman Spectrometers Revenue Market by Company in 2022 (\$ Million)

Figure 28. Global Portable NIR & Raman Spectrometers Revenue Market Share by Company in 2022

Figure 29. Global Portable NIR & Raman Spectrometers Sales Market Share by Geographic Region (2018-2023)

Figure 30. Global Portable NIR & Raman Spectrometers Revenue Market Share by Geographic Region in 2022

Figure 31. Americas Portable NIR & Raman Spectrometers Sales 2018-2023 (Units)

Figure 32. Americas Portable NIR & Raman Spectrometers Revenue 2018-2023 (\$ Millions)

Figure 33. APAC Portable NIR & Raman Spectrometers Sales 2018-2023 (Units)

Figure 34. APAC Portable NIR & Raman Spectrometers Revenue 2018-2023 (\$ Millions)

Figure 35. Europe Portable NIR & Raman Spectrometers Sales 2018-2023 (Units)

Figure 36. Europe Portable NIR & Raman Spectrometers Revenue 2018-2023 (\$ Millions)

Figure 37. Middle East & Africa Portable NIR & Raman Spectrometers Sales 2018-2023 (Units)

Figure 38. Middle East & Africa Portable NIR & Raman Spectrometers Revenue 2018-2023 (\$ Millions)

Figure 39. Americas Portable NIR & Raman Spectrometers Sales Market Share by Country in 2022

Figure 40. Americas Portable NIR & Raman Spectrometers Revenue Market Share by Country in 2022

Figure 41. Americas Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)

Figure 42. Americas Portable NIR & Raman Spectrometers Sales Market Share by Application (2018-2023)

Figure 43. United States Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 44. Canada Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 45. Mexico Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 46. Brazil Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 47. APAC Portable NIR & Raman Spectrometers Sales Market Share by Region in 2022

Figure 48. APAC Portable NIR & Raman Spectrometers Revenue Market Share by Regions in 2022

Figure 49. APAC Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)

Figure 50. APAC Portable NIR & Raman Spectrometers Sales Market Share by Application (2018-2023)

Figure 51. China Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 52. Japan Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 53. South Korea Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 54. Southeast Asia Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 55. India Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 56. Australia Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 57. China Taiwan Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 58. Europe Portable NIR & Raman Spectrometers Sales Market Share by Country in 2022

Figure 59. Europe Portable NIR & Raman Spectrometers Revenue Market Share by Country in 2022

Figure 60. Europe Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)

Figure 61. Europe Portable NIR & Raman Spectrometers Sales Market Share by Application (2018-2023)

Figure 62. Germany Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 63. France Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 64. UK Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$

Millions)

Figure 65. Italy Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 66. Russia Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 67. Middle East & Africa Portable NIR & Raman Spectrometers Sales Market Share by Country in 2022

Figure 68. Middle East & Africa Portable NIR & Raman Spectrometers Revenue Market Share by Country in 2022

Figure 69. Middle East & Africa Portable NIR & Raman Spectrometers Sales Market Share by Type (2018-2023)

Figure 70. Middle East & Africa Portable NIR & Raman Spectrometers Sales Market Share by Application (2018-2023)

Figure 71. Egypt Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 72. South Africa Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 73. Israel Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 74. Turkey Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 75. GCC Country Portable NIR & Raman Spectrometers Revenue Growth 2018-2023 (\$ Millions)

Figure 76. Manufacturing Cost Structure Analysis of Portable NIR & Raman Spectrometers in 2022

Figure 77. Manufacturing Process Analysis of Portable NIR & Raman Spectrometers

Figure 78. Industry Chain Structure of Portable NIR & Raman Spectrometers

Figure 79. Channels of Distribution

Figure 80. Global Portable NIR & Raman Spectrometers Sales Market Forecast by Region (2024-2029)

Figure 81. Global Portable NIR & Raman Spectrometers Revenue Market Share Forecast by Region (2024-2029)

Figure 82. Global Portable NIR & Raman Spectrometers Sales Market Share Forecast by Type (2024-2029)

Figure 83. Global Portable NIR & Raman Spectrometers Revenue Market Share Forecast by Type (2024-2029)

Figure 84. Global Portable NIR & Raman Spectrometers Sales Market Share Forecast by Application (2024-2029)

Figure 85. Global Portable NIR & Raman Spectrometers Revenue Market Share

Forecast by Application (2024-2029)

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