

Global Portable Field Spectrometer Market Growth 2026-2032

<https://marketpublishers.com/r/G11EE05E7F1FEN.html>

Date: July 2026

Pages: 95

Price: US\$ 3,660.00 (Single User License)

ID: G11EE05E7F1FEN

Abstracts

The global Portable Field Spectrometer market size is predicted to grow from US\$ 63.59 million in 2025 to US\$ 106 million in 2032; it is expected to grow at a CAGR of 7.7% from 2026 to 2032.

Portable Field Spectrometers are handheld or field-portable spectroradiometers used to measure spectral reflectance, radiance, and transmittance of ground objects under outdoor conditions. These instruments typically cover visible, near-infrared, and short-wave infrared ranges and are used for remote sensing validation, vegetation monitoring, soil analysis, mineral identification, and environmental research. The industrial chain of Portable Field Spectrometers includes upstream optical components, detectors, diffraction gratings, fiber optics, calibration panels, batteries, electronic modules, and spectral analysis software. The midstream consists of scientific instrument manufacturers that design, assemble, calibrate, and validate portable spectrometer systems. Downstream applications include remote sensing institutes, universities, agricultural research organizations, environmental monitoring agencies, forestry departments, and geological survey units. Supporting services include field calibration, software upgrades, spectral library development, maintenance, and user training. In 2025, global Portable Field Spectrometer production reached approximately 2,031 units, with an average global market price of around US\$32,000 per unit. The gross profit margin of major companies in the industry is between 35%-58%. In 2025, the global production capacity of Portable Field Spectrometers was approximately 2,708 units.

The Portable Field Spectrometer market is expanding steadily, driven by increasing demand for high-precision field-based spectral analysis across multiple industries. Precision agriculture is a key growth driver, enabling real-time assessment of crop health, soil nutrients, and irrigation optimization. In geological and mining applications,

portable spectrometers are widely used for rapid mineral identification and exploration efficiency improvement. Environmental monitoring and forestry management also contribute significantly to demand growth. Technological advancements in optical resolution, detector sensitivity, battery life, and rugged field design are improving usability and performance in harsh environments. Integration with GIS platforms, cloud analytics, and AI-based interpretation systems is further enhancing data value. However, relatively high equipment costs and the need for technical expertise limit broader adoption. Despite this, strong demand from research institutions and high-value industrial sectors supports sustained long-term growth.

LP Information, Inc. (LPI) ' newest research report, the "Portable Field Spectrometer Industry Forecast" looks at past sales and reviews total world Portable Field Spectrometer sales in 2025, providing a comprehensive analysis by region and market sector of projected Portable Field Spectrometer sales for 2026 through 2032. With Portable Field Spectrometer sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Portable Field Spectrometer industry.

This Insight Report provides a comprehensive analysis of the global Portable Field Spectrometer 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 Field Spectrometer portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Portable Field Spectrometer market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Portable Field Spectrometer 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 Field Spectrometer.

This report presents a comprehensive overview, market shares, and growth opportunities of Portable Field Spectrometer market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Low-resolution Portable Field Spectrometer

Medium-resolution Portable Field Spectrometer

High-resolution Portable Field Spectrometer

Ultra-high-resolution Portable Field Spectrometer

Segmentation by Spectral Range:

Visible-NIR Spectrometer

Full-Range (VNIR+SWIR) Spectrometer

Shortwave Infrared Spectrometer

Segmentation by Device Form:

Handheld Field Spectrometer

Backpack Portable Spectrometer System

Tripod-Mounted Field Spectrometer

Segmentation by Spectral Resolution:

Above 10 nm

5 nm to 10 nm

1 nm to 5 nm

Below 1 nm

Segmentation by Application:

Remote Sensing Measurement

Crop Monitoring

Forest Research

Marine Research

Aquaculture

Scientific Research and Teaching

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 analysing the company's coverage, product portfolio, its market penetration.

SVC

Spectral Evolution

Malvern Panalytical

Optosky (Xiamen) Technology Inc.

CHNSpec technology

Lisen Optics (Shenzhen) Co., Ltd.

Sichuan Shuangli Hepu Technology Co., Ltd.

Shanghai Oceanhood opto-electronics Tech Co., Ltd.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Portable Field Spectrometer market?

What factors are driving Portable Field Spectrometer market growth, globally and by region?

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

How do Portable Field Spectrometer market opportunities vary by end market size?

How does Portable Field Spectrometer break out by Type, by Application?

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 Field Spectrometer Annual Sales 2021-2032
 - 2.1.2 World Current & Future Analysis for Portable Field Spectrometer by Geographic Region, 2021, 2025 & 2032
 - 2.1.3 World Current & Future Analysis for Portable Field Spectrometer by Country/Region, 2021, 2025 & 2032
- 2.2 Portable Field Spectrometer Segment by Type
 - 2.2.1 Low-resolution Portable Field Spectrometer
 - 2.2.2 Medium-resolution Portable Field Spectrometer
 - 2.2.3 High-resolution Portable Field Spectrometer
 - 2.2.4 Ultra-high-resolution Portable Field Spectrometer
 - 2.2.5 Portable Field Spectrometer Sales by Type
 - 2.2.5.1 Global Portable Field Spectrometer Sales Market Share by Type (2021-2026)
 - 2.2.5.2 Global Portable Field Spectrometer Revenue and Market Share by Type (2021-2026)
 - 2.2.5.3 Global Portable Field Spectrometer Sale Price by Type (2021-2026)
- 2.3 Portable Field Spectrometer Segment by Spectral Range
 - 2.3.1 Visible-NIR Spectrometer
 - 2.3.2 Full-Range (VNIR+SWIR) Spectrometer
 - 2.3.3 Shortwave Infrared Spectrometer
 - 2.3.4 Portable Field Spectrometer Sales by Spectral Range
 - 2.3.4.1 Global Portable Field Spectrometer Sales Market Share by Spectral Range (2021-2026)
 - 2.3.4.2 Global Portable Field Spectrometer Revenue and Market Share by Spectral

Range (2021-2026)

2.3.4.3 Global Portable Field Spectrometer Sale Price by Spectral Range
(2021-2026)

2.4 Portable Field Spectrometer Segment by Device Form

2.4.1 Handheld Field Spectrometer

2.4.2 Backpack Portable Spectrometer System

2.4.3 Tripod-Mounted Field Spectrometer

2.4.4 Portable Field Spectrometer Sales by Device Form

2.4.4.1 Global Portable Field Spectrometer Sales Market Share by Device Form
(2021-2026)

2.4.4.2 Global Portable Field Spectrometer Revenue and Market Share by Device
Form (2021-2026)

2.4.4.3 Global Portable Field Spectrometer Sale Price by Device Form (2021-2026)
2.5 Portable Field Spectrometer Segment by Spectral Resolution

2.5.1 Above 10 nm

2.5.2 5 nm to 10 nm

2.5.3 1 nm to 5 nm

2.5.4 Below 1 nm

2.5.5 Portable Field Spectrometer Sales by Spectral Resolution

2.5.5.1 Global Portable Field Spectrometer Sales Market Share by Spectral
Resolution (2021-2026)

2.5.5.2 Global Portable Field Spectrometer Revenue and Market Share by Spectral
Resolution (2021-2026)

2.5.5.3 Global Portable Field Spectrometer Sale Price by Spectral Resolution
(2021-2026)

2.6 Portable Field Spectrometer Segment by Application

2.6.1 Remote Sensing Measurement

2.6.2 Crop Monitoring

2.6.3 Forest Research

2.6.4 Marine Research

2.6.5 Aquaculture

2.6.6 Scientific Research and Teaching

2.6.7 Others

2.6.8 Portable Field Spectrometer Sales by Application

2.6.8.1 Global Portable Field Spectrometer Sale Market Share by Application
(2021-2026)

2.6.8.2 Global Portable Field Spectrometer Revenue and Market Share by
Application (2021-2026)

2.6.8.3 Global Portable Field Spectrometer Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Portable Field Spectrometer Breakdown Data by Company

3.1.1 Global Portable Field Spectrometer Annual Sales by Company (2021-2026)

3.1.2 Global Portable Field Spectrometer Sales Market Share by Company (2021-2026)

3.2 Global Portable Field Spectrometer Annual Revenue by Company (2021-2026)

3.2.1 Global Portable Field Spectrometer Revenue by Company (2021-2026)

3.2.2 Global Portable Field Spectrometer Revenue Market Share by Company (2021-2026)

3.3 Global Portable Field Spectrometer Sale Price by Company

3.4 Key Manufacturers Portable Field Spectrometer Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Portable Field Spectrometer Product Location Distribution

3.4.2 Players Portable Field Spectrometer Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR PORTABLE FIELD SPECTROMETER BY GEOGRAPHIC REGION

4.1 World Historic Portable Field Spectrometer Market Size by Geographic Region (2021-2026)

4.1.1 Global Portable Field Spectrometer Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Portable Field Spectrometer Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Portable Field Spectrometer Market Size by Country/Region (2021-2026)

4.2.1 Global Portable Field Spectrometer Annual Sales by Country/Region (2021-2026)

4.2.2 Global Portable Field Spectrometer Annual Revenue by Country/Region (2021-2026)

4.3 Americas Portable Field Spectrometer Sales Growth

4.4 APAC Portable Field Spectrometer Sales Growth

4.5 Europe Portable Field Spectrometer Sales Growth

4.6 Middle East & Africa Portable Field Spectrometer Sales Growth

5 AMERICAS

5.1 Americas Portable Field Spectrometer Sales by Country

5.1.1 Americas Portable Field Spectrometer Sales by Country (2021-2026)

5.1.2 Americas Portable Field Spectrometer Revenue by Country (2021-2026)

5.2 Americas Portable Field Spectrometer Sales by Type (2021-2026)

5.3 Americas Portable Field Spectrometer Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Portable Field Spectrometer Sales by Region

6.1.1 APAC Portable Field Spectrometer Sales by Region (2021-2026)

6.1.2 APAC Portable Field Spectrometer Revenue by Region (2021-2026)

6.2 APAC Portable Field Spectrometer Sales by Type (2021-2026)

6.3 APAC Portable Field Spectrometer Sales by Application (2021-2026)

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 Field Spectrometer by Country

7.1.1 Europe Portable Field Spectrometer Sales by Country (2021-2026)

7.1.2 Europe Portable Field Spectrometer Revenue by Country (2021-2026)

7.2 Europe Portable Field Spectrometer Sales by Type (2021-2026)

7.3 Europe Portable Field Spectrometer Sales by Application (2021-2026)

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 Field Spectrometer by Country

8.1.1 Middle East & Africa Portable Field Spectrometer Sales by Country (2021-2026)

8.1.2 Middle East & Africa Portable Field Spectrometer Revenue by Country
(2021-2026)

8.2 Middle East & Africa Portable Field Spectrometer Sales by Type (2021-2026)

8.3 Middle East & Africa Portable Field Spectrometer Sales by Application (2021-2026)

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 Field Spectrometer

10.3 Manufacturing Process Analysis of Portable Field Spectrometer

10.4 Industry Chain Structure of Portable Field Spectrometer

11 MARKETING, DISTRIBUTORS AND CUSTOMER

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Portable Field Spectrometer Distributors

11.3 Portable Field Spectrometer Customer

12 WORLD FORECAST REVIEW FOR PORTABLE FIELD SPECTROMETER BY GEOGRAPHIC REGION

12.1 Global Portable Field Spectrometer Market Size Forecast by Region

12.1.1 Global Portable Field Spectrometer Forecast by Region (2027-2032)

12.1.2 Global Portable Field Spectrometer Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Portable Field Spectrometer Forecast by Type (2027-2032)

12.7 Global Portable Field Spectrometer Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

13.1 SVC

13.1.1 SVC Company Information

13.1.2 SVC Portable Field Spectrometer Product Portfolios and Specifications

13.1.3 SVC Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.1.4 SVC Main Business Overview

13.1.5 SVC Latest Developments

13.2 Spectral Evolution

13.2.1 Spectral Evolution Company Information

13.2.2 Spectral Evolution Portable Field Spectrometer Product Portfolios and Specifications

13.2.3 Spectral Evolution Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Spectral Evolution Main Business Overview

13.2.5 Spectral Evolution Latest Developments

13.3 Malvern Panalytical

13.3.1 Malvern Panalytical Company Information

13.3.2 Malvern Panalytical Portable Field Spectrometer Product Portfolios and Specifications

13.3.3 Malvern Panalytical Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Malvern Panalytical Main Business Overview

13.3.5 Malvern Panalytical Latest Developments

13.4 Optosky (Xiamen) Technology Inc.

13.4.1 Optosky (Xiamen) Technology Inc. Company Information

13.4.2 Optosky (Xiamen) Technology Inc. Portable Field Spectrometer Product Portfolios and Specifications

13.4.3 Optosky (Xiamen) Technology Inc. Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Optosky (Xiamen) Technology Inc. Main Business Overview

13.4.5 Optosky (Xiamen) Technology Inc. Latest Developments

13.5 CHNSpec technology

13.5.1 CHNSpec technology Company Information

13.5.2 CHNSpec technology Portable Field Spectrometer Product Portfolios and Specifications

13.5.3 CHNSpec technology Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 CHNSpec technology Main Business Overview

13.5.5 CHNSpec technology Latest Developments

13.6 Lisen Optics (Shenzhen) Co., Ltd.

13.6.1 Lisen Optics (Shenzhen) Co., Ltd. Company Information

13.6.2 Lisen Optics (Shenzhen) Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

13.6.3 Lisen Optics (Shenzhen) Co., Ltd. Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Lisen Optics (Shenzhen) Co., Ltd. Main Business Overview

13.6.5 Lisen Optics (Shenzhen) Co., Ltd. Latest Developments

13.7 Sichuan Shuangli Hepu Technology Co., Ltd.

13.7.1 Sichuan Shuangli Hepu Technology Co., Ltd. Company Information

13.7.2 Sichuan Shuangli Hepu Technology Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

13.7.3 Sichuan Shuangli Hepu Technology Co., Ltd. Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 Sichuan Shuangli Hepu Technology Co., Ltd. Main Business Overview

13.7.5 Sichuan Shuangli Hepu Technology Co., Ltd. Latest Developments

13.8 Shanghai Oceanhood opto-electronics Tech Co., Ltd.

13.8.1 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Company Information

13.8.2 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

13.8.3 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Portable Field Spectrometer Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Main Business Overview

13.8.5 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Portable Field Spectrometer Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Portable Field Spectrometer Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Low-resolution Portable Field Spectrometer

Table 4. Major Players of Medium-resolution Portable Field Spectrometer

Table 5. Major Players of High-resolution Portable Field Spectrometer

Table 6. Major Players of Ultra-high-resolution Portable Field Spectrometer

Table 7. Global Portable Field Spectrometer Sales by Type (2021-2026) & (Units)

Table 8. Global Portable Field Spectrometer Sales Market Share by Type (2021-2026)

Table 9. Global Portable Field Spectrometer Revenue by Type (2021-2026) & (\$ million)

Table 10. Global Portable Field Spectrometer Revenue Market Share by Type (2021-2026)

Table 11. Global Portable Field Spectrometer Sale Price by Type (2021-2026) & (K US\$/Unit)

Table 12. Major Players of Visible-NIR Spectrometer

Table 13. Major Players of Full-Range (VNIR+SWIR) Spectrometer

Table 14. Major Players of Shortwave Infrared Spectrometer

Table 15. Global Portable Field Spectrometer Sales by Spectral Range (2021-2026) & (Units)

Table 16. Global Portable Field Spectrometer Sales Market Share by Spectral Range (2021-2026)

Table 17. Global Portable Field Spectrometer Revenue by Spectral Range (2021-2026) & (\$ million)

Table 18. Global Portable Field Spectrometer Revenue Market Share by Spectral Range (2021-2026)

Table 19. Global Portable Field Spectrometer Sale Price by Spectral Range (2021-2026) & (K US\$/Unit)

Table 20. Major Players of Handheld Field Spectrometer

Table 21. Major Players of Backpack Portable Spectrometer System

Table 22. Major Players of Tripod-Mounted Field Spectrometer

Table 23. Global Portable Field Spectrometer Sales by Device Form (2021-2026) & (Units)

Table 24. Global Portable Field Spectrometer Sales Market Share by Device Form (2021-2026)

Table 25. Global Portable Field Spectrometer Revenue by Device Form (2021-2026) & (\$ million)

Table 26. Global Portable Field Spectrometer Revenue Market Share by Device Form (2021-2026)

Table 27. Global Portable Field Spectrometer Sale Price by Device Form (2021-2026) & (K US\$/Unit)

Table 28. Major Players of Above 10 nm

Table 29. Major Players of 5 nm to 10 nm

Table 30. Major Players of 1 nm to 5 nm

Table 31. Major Players of Below 1 nm

Table 32. Global Portable Field Spectrometer Sales by Spectral Resolution (2021-2026) & (Units)

Table 33. Global Portable Field Spectrometer Sales Market Share by Spectral Resolution (2021-2026)

Table 34. Global Portable Field Spectrometer Revenue by Spectral Resolution (2021-2026) & (\$ million)

Table 35. Global Portable Field Spectrometer Revenue Market Share by Spectral Resolution (2021-2026)

Table 36. Global Portable Field Spectrometer Sale Price by Spectral Resolution (2021-2026) & (K US\$/Unit)

Table 37. Global Portable Field Spectrometer Sale by Application (2021-2026) & (Units)

Table 38. Global Portable Field Spectrometer Sale Market Share by Application (2021-2026)

Table 39. Global Portable Field Spectrometer Revenue by Application (2021-2026) & (\$ million)

Table 40. Global Portable Field Spectrometer Revenue Market Share by Application (2021-2026)

Table 41. Global Portable Field Spectrometer Sale Price by Application (2021-2026) & (K US\$/Unit)

Table 42. Global Portable Field Spectrometer Sales by Company (2021-2026) & (Units)

Table 43. Global Portable Field Spectrometer Sales Market Share by Company (2021-2026)

Table 44. Global Portable Field Spectrometer Revenue by Company (2021-2026) & (\$ millions)

Table 45. Global Portable Field Spectrometer Revenue Market Share by Company (2021-2026)

Table 46. Global Portable Field Spectrometer Sale Price by Company (2021-2026) & (K US\$/Unit)

Table 47. Key Manufacturers Portable Field Spectrometer Producing Area Distribution

and Sales Area

Table 48. Players Portable Field Spectrometer Products Offered

Table 49. Portable Field Spectrometer Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 50. New Products and Potential Entrants

Table 51. Market M&A Activity & Strategy

Table 52. Global Portable Field Spectrometer Sales by Geographic Region (2021-2026) & (Units)

Table 53. Global Portable Field Spectrometer Sales Market Share Geographic Region (2021-2026)

Table 54. Global Portable Field Spectrometer Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 55. Global Portable Field Spectrometer Revenue Market Share by Geographic Region (2021-2026)

Table 56. Global Portable Field Spectrometer Sales by Country/Region (2021-2026) & (Units)

Table 57. Global Portable Field Spectrometer Sales Market Share by Country/Region (2021-2026)

Table 58. Global Portable Field Spectrometer Revenue by Country/Region (2021-2026) & (\$ millions)

Table 59. Global Portable Field Spectrometer Revenue Market Share by Country/Region (2021-2026)

Table 60. Americas Portable Field Spectrometer Sales by Country (2021-2026) & (Units)

Table 61. Americas Portable Field Spectrometer Sales Market Share by Country (2021-2026)

Table 62. Americas Portable Field Spectrometer Revenue by Country (2021-2026) & (\$ millions)

Table 63. Americas Portable Field Spectrometer Sales by Type (2021-2026) & (Units)

Table 64. Americas Portable Field Spectrometer Sales by Application (2021-2026) & (Units)

Table 65. APAC Portable Field Spectrometer Sales by Region (2021-2026) & (Units)

Table 66. APAC Portable Field Spectrometer Sales Market Share by Region (2021-2026)

Table 67. APAC Portable Field Spectrometer Revenue by Region (2021-2026) & (\$ millions)

Table 68. APAC Portable Field Spectrometer Sales by Type (2021-2026) & (Units)

Table 69. APAC Portable Field Spectrometer Sales by Application (2021-2026) & (Units)

Table 70. Europe Portable Field Spectrometer Sales by Country (2021-2026) & (Units)

Table 71. Europe Portable Field Spectrometer Revenue by Country (2021-2026) & (\$ millions)

Table 72. Europe Portable Field Spectrometer Sales by Type (2021-2026) & (Units)

Table 73. Europe Portable Field Spectrometer Sales by Application (2021-2026) & (Units)

Table 74. Middle East & Africa Portable Field Spectrometer Sales by Country (2021-2026) & (Units)

Table 75. Middle East & Africa Portable Field Spectrometer Revenue Market Share by Country (2021-2026)

Table 76. Middle East & Africa Portable Field Spectrometer Sales by Type (2021-2026) & (Units)

Table 77. Middle East & Africa Portable Field Spectrometer Sales by Application (2021-2026) & (Units)

Table 78. Key Market Drivers & Growth Opportunities of Portable Field Spectrometer

Table 79. Key Market Challenges & Risks of Portable Field Spectrometer

Table 80. Key Industry Trends of Portable Field Spectrometer

Table 81. Portable Field Spectrometer Raw Material

Table 82. Key Suppliers of Raw Materials

Table 83. Portable Field Spectrometer Distributors List

Table 84. Portable Field Spectrometer Customer List

Table 85. Global Portable Field Spectrometer Sales Forecast by Region (2027-2032) & (Units)

Table 86. Global Portable Field Spectrometer Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 87. Americas Portable Field Spectrometer Sales Forecast by Country (2027-2032) & (Units)

Table 88. Americas Portable Field Spectrometer Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 89. APAC Portable Field Spectrometer Sales Forecast by Region (2027-2032) & (Units)

Table 90. APAC Portable Field Spectrometer Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 91. Europe Portable Field Spectrometer Sales Forecast by Country (2027-2032) & (Units)

Table 92. Europe Portable Field Spectrometer Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 93. Middle East & Africa Portable Field Spectrometer Sales Forecast by Country (2027-2032) & (Units)

Table 94. Middle East & Africa Portable Field Spectrometer Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 95. Global Portable Field Spectrometer Sales Forecast by Type (2027-2032) & (Units)

Table 96. Global Portable Field Spectrometer Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 97. Global Portable Field Spectrometer Sales Forecast by Application (2027-2032) & (Units)

Table 98. Global Portable Field Spectrometer Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 99. SVC Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 100. SVC Portable Field Spectrometer Product Portfolios and Specifications

Table 101. SVC Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 102. SVC Main Business

Table 103. SVC Latest Developments

Table 104. Spectral Evolution Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 105. Spectral Evolution Portable Field Spectrometer Product Portfolios and Specifications

Table 106. Spectral Evolution Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 107. Spectral Evolution Main Business

Table 108. Spectral Evolution Latest Developments

Table 109. Malvern Panalytical Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 110. Malvern Panalytical Portable Field Spectrometer Product Portfolios and Specifications

Table 111. Malvern Panalytical Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 112. Malvern Panalytical Main Business

Table 113. Malvern Panalytical Latest Developments

Table 114. Optosky (Xiamen) Technology Inc. Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 115. Optosky (Xiamen) Technology Inc. Portable Field Spectrometer Product Portfolios and Specifications

Table 116. Optosky (Xiamen) Technology Inc. Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 117. Optosky (Xiamen) Technology Inc. Main Business

Table 118. Optosky (Xiamen) Technology Inc. Latest Developments

Table 119. CHNSpec technology Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 120. CHNSpec technology Portable Field Spectrometer Product Portfolios and Specifications

Table 121. CHNSpec technology Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 122. CHNSpec technology Main Business

Table 123. CHNSpec technology Latest Developments

Table 124. Lisen Optics (Shenzhen) Co., Ltd. Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 125. Lisen Optics (Shenzhen) Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

Table 126. Lisen Optics (Shenzhen) Co., Ltd. Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 127. Lisen Optics (Shenzhen) Co., Ltd. Main Business

Table 128. Lisen Optics (Shenzhen) Co., Ltd. Latest Developments

Table 129. Sichuan Shuangli Hepu Technology Co., Ltd. Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 130. Sichuan Shuangli Hepu Technology Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

Table 131. Sichuan Shuangli Hepu Technology Co., Ltd. Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 132. Sichuan Shuangli Hepu Technology Co., Ltd. Main Business

Table 133. Sichuan Shuangli Hepu Technology Co., Ltd. Latest Developments

Table 134. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Basic Information, Portable Field Spectrometer Manufacturing Base, Sales Area and Its Competitors

Table 135. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Portable Field Spectrometer Product Portfolios and Specifications

Table 136. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Portable Field Spectrometer Sales (Units), Revenue (\$ Million), Price (K US\$/Unit) and Gross Margin (2021-2026)

Table 137. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Main Business

Table 138. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Latest Developments

List Of Figures

LIST OF FIGURES

- Figure 1. Picture of Portable Field Spectrometer
- Figure 2. Portable Field Spectrometer Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Portable Field Spectrometer Sales Growth Rate 2021-2032 (Units)
- Figure 7. Global Portable Field Spectrometer Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Portable Field Spectrometer Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Portable Field Spectrometer Sales Market Share by Country/Region (2025)
- Figure 10. Portable Field Spectrometer Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Low-resolution Portable Field Spectrometer
- Figure 12. Product Picture of Medium-resolution Portable Field Spectrometer
- Figure 13. Product Picture of High-resolution Portable Field Spectrometer
- Figure 14. Product Picture of Ultra-high-resolution Portable Field Spectrometer
- Figure 15. Global Portable Field Spectrometer Sales Market Share by Type in 2026
- Figure 16. Global Portable Field Spectrometer Revenue Market Share by Type (2021-2026)
- Figure 17. Product Picture of Visible-NIR Spectrometer
- Figure 18. Product Picture of Full-Range (VNIR+SWIR) Spectrometer
- Figure 19. Product Picture of Shortwave Infrared Spectrometer
- Figure 20. Global Portable Field Spectrometer Sales Market Share by Spectral Range in 2026
- Figure 21. Global Portable Field Spectrometer Revenue Market Share by Spectral Range (2021-2026)
- Figure 22. Product Picture of Handheld Field Spectrometer
- Figure 23. Product Picture of Backpack Portable Spectrometer System
- Figure 24. Product Picture of Tripod-Mounted Field Spectrometer
- Figure 25. Global Portable Field Spectrometer Sales Market Share by Device Form in 2026
- Figure 26. Global Portable Field Spectrometer Revenue Market Share by Device Form (2021-2026)
- Figure 27. Product Picture of Above 10 nm

Figure 28. Product Picture of 5 nm to 10 nm

Figure 29. Product Picture of 1 nm to 5 nm

Figure 30. Product Picture of Below 1 nm

Figure 31. Global Portable Field Spectrometer Sales Market Share by Spectral Resolution in 2026

Figure 32. Global Portable Field Spectrometer Revenue Market Share by Spectral Resolution (2021-2026)

Figure 33. Portable Field Spectrometer Consumed in Remote Sensing Measurement

Figure 34. Global Portable Field Spectrometer Market: Remote Sensing Measurement (2021-2026) & (Units)

Figure 35. Portable Field Spectrometer Consumed in Crop Monitoring

Figure 36. Global Portable Field Spectrometer Market: Crop Monitoring (2021-2026) & (Units)

Figure 37. Portable Field Spectrometer Consumed in Forest Research

Figure 38. Global Portable Field Spectrometer Market: Forest Research (2021-2026) & (Units)

Figure 39. Portable Field Spectrometer Consumed in Marine Research

Figure 40. Global Portable Field Spectrometer Market: Marine Research (2021-2026) & (Units)

Figure 41. Portable Field Spectrometer Consumed in Aquaculture

Figure 42. Global Portable Field Spectrometer Market: Aquaculture (2021-2026) & (Units)

Figure 43. Portable Field Spectrometer Consumed in Scientific Research and Teaching

Figure 44. Global Portable Field Spectrometer Market: Scientific Research and Teaching (2021-2026) & (Units)

Figure 45. Portable Field Spectrometer Consumed in Others

Figure 46. Global Portable Field Spectrometer Market: Others (2021-2026) & (Units)

Figure 47. Global Portable Field Spectrometer Sale Market Share by Application (2025)

Figure 48. Global Portable Field Spectrometer Revenue Market Share by Application in 2025

Figure 49. Portable Field Spectrometer Sales by Company in 2025 (Units)

Figure 50. Global Portable Field Spectrometer Sales Market Share by Company in 2025

Figure 51. Portable Field Spectrometer Revenue by Company in 2025 (\$ millions)

Figure 52. Global Portable Field Spectrometer Revenue Market Share by Company in 2025

Figure 53. Global Portable Field Spectrometer Sales Market Share by Geographic Region (2021-2026)

Figure 54. Global Portable Field Spectrometer Revenue Market Share by Geographic Region in 2025

- Figure 55. Americas Portable Field Spectrometer Sales 2021-2026 (Units)
- Figure 56. Americas Portable Field Spectrometer Revenue 2021-2026 (\$ millions)
- Figure 57. APAC Portable Field Spectrometer Sales 2021-2026 (Units)
- Figure 58. APAC Portable Field Spectrometer Revenue 2021-2026 (\$ millions)
- Figure 59. Europe Portable Field Spectrometer Sales 2021-2026 (Units)
- Figure 60. Europe Portable Field Spectrometer Revenue 2021-2026 (\$ millions)
- Figure 61. Middle East & Africa Portable Field Spectrometer Sales 2021-2026 (Units)
- Figure 62. Middle East & Africa Portable Field Spectrometer Revenue 2021-2026 (\$ millions)
- Figure 63. Americas Portable Field Spectrometer Sales Market Share by Country in 2025
- Figure 64. Americas Portable Field Spectrometer Revenue Market Share by Country (2021-2026)
- Figure 65. Americas Portable Field Spectrometer Sales Market Share by Type (2021-2026)
- Figure 66. Americas Portable Field Spectrometer Sales Market Share by Application (2021-2026)
- Figure 67. United States Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 68. Canada Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 69. Mexico Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 70. Brazil Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 71. APAC Portable Field Spectrometer Sales Market Share by Region in 2025
- Figure 72. APAC Portable Field Spectrometer Revenue Market Share by Region (2021-2026)
- Figure 73. APAC Portable Field Spectrometer Sales Market Share by Type (2021-2026)
- Figure 74. APAC Portable Field Spectrometer Sales Market Share by Application (2021-2026)
- Figure 75. China Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 76. Japan Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 77. South Korea Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 78. Southeast Asia Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 79. India Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 80. Australia Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)
- Figure 81. China Taiwan Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 82. Europe Portable Field Spectrometer Sales Market Share by Country in 2025

Figure 83. Europe Portable Field Spectrometer Revenue Market Share by Country (2021-2026)

Figure 84. Europe Portable Field Spectrometer Sales Market Share by Type (2021-2026)

Figure 85. Europe Portable Field Spectrometer Sales Market Share by Application (2021-2026)

Figure 86. Germany Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 87. France Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 88. UK Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 89. Italy Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 90. Russia Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 91. Middle East & Africa Portable Field Spectrometer Sales Market Share by Country (2021-2026)

Figure 92. Middle East & Africa Portable Field Spectrometer Sales Market Share by Type (2021-2026)

Figure 93. Middle East & Africa Portable Field Spectrometer Sales Market Share by Application (2021-2026)

Figure 94. Egypt Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 95. South Africa Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 96. Israel Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 97. Turkey Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 98. GCC Countries Portable Field Spectrometer Revenue Growth 2021-2026 (\$ millions)

Figure 99. Manufacturing Cost Structure Analysis of Portable Field Spectrometer in 2026

Figure 100. Manufacturing Process Analysis of Portable Field Spectrometer

Figure 101. Industry Chain Structure of Portable Field Spectrometer

Figure 102. Channels of Distribution

Figure 103. Global Portable Field Spectrometer Sales Market Forecast by Region (2027-2032)

Figure 104. Global Portable Field Spectrometer Revenue Market Share Forecast by Region (2027-2032)

Figure 105. Global Portable Field Spectrometer Sales Market Share Forecast by Type (2027-2032)

Figure 106. Global Portable Field Spectrometer Revenue Market Share Forecast by Type (2027-2032)

Figure 107. Global Portable Field Spectrometer Sales Market Share Forecast by Application (2027-2032)

Figure 108. Global Portable Field Spectrometer Revenue Market Share Forecast by Application (2027-2032)

I would like to order

Product name: Global Portable Field Spectrometer Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/G11EE05E7F1FEN.html>

Price: US\$ 3,660.00 (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/G11EE05E7F1FEN.html>