

# Global Handheld Field Spectrometer Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GD4059A1529BEN.html>

Date: June 2026

Pages: 124

Price: US\$ 3,480.00 (Single User License)

ID: GD4059A1529BEN

## Abstracts

According to our (Global Info Research) latest study, the global Handheld Field Spectrometer market size was valued at US\$ 304 million in 2025 and is forecast to a readjusted size of US\$ 498 million by 2032 with a CAGR of 7.3% during review period.

A handheld ground object spectrometer is a portable optical instrument used to measure the spectral reflectance or radiation characteristics of surface targets within different wavelength ranges, typically covering the visible to near-infrared (VNIR) and short-wave infrared (SWIR) bands. By acquiring spectral characteristics, material composition, vegetation health, soil properties, and environmental information can be analyzed. This device is widely used in remote sensing calibration, precision agriculture, mineral exploration, environmental monitoring, and scientific research. Its portability enables real-time on-site data acquisition. The upstream of the industry chain includes suppliers of optical components, gratings, detectors, light sources, and embedded electronic components; the midstream consists of equipment manufacturers responsible for system integration, spectral calibration algorithms, data analysis software development, and overall assembly; downstream applications include research institutions, agricultural monitoring departments, mining companies, environmental organizations, and geographic information service agencies. In 2025, the global production of handheld ground object spectrometers was approximately 13,111 units, with an average market price of approximately US\$22,500 per unit. The gross profit margin of major companies in the industry was approximately 40%–58%. Global production capacity in 2025 was approximately 17,481 units.

The Handheld Field Spectrometer market is growing steadily due to increasing demand for high-precision field data in agriculture, environmental monitoring, and geospatial

analysis. The rise of precision agriculture is a key driver, as farmers and agronomists seek real-time insights into crop health, soil conditions, and nutrient status. Additionally, these instruments play a critical role in calibrating satellite and drone-based remote sensing systems. Technological advancements in miniaturization, spectral resolution, and data processing are improving device performance and usability. Integration with mobile platforms and cloud-based analytics is further expanding application possibilities. However, the market remains relatively specialized, with high equipment costs limiting widespread adoption. Despite this, increasing demand for data-driven decision-making and sustainable resource management is expected to support long-term growth.

This report is a detailed and comprehensive analysis for global Handheld Field Spectrometer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

#### Key Features:

Global Handheld Field Spectrometer market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Handheld Field Spectrometer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Handheld Field Spectrometer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Handheld Field Spectrometer market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

#### The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Handheld Field Spectrometer

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Handheld Field Spectrometer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include SVC, Spectral Evolution, Malvern Panalytical, StellarNet, UPRtek, Optosky (Xiamen) Technology Inc., Shanghai Oceanhood opto-electronics Tech Co., Ltd., CHN Spec Technology (Zhejiang) Co., Ltd, Lisen Optics (Shenzhen) Co., Ltd., Beijing LICA United Technology Limited, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

## Market Segmentation

Handheld Field Spectrometer market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

### Market segment by Type

8 Megapixels

12 Megapixels

Others

### Market segment by Spectral Range

Visible-NIR Spectrometer

Full-Range (VNIR+SWIR) Spectrometer

Shortwave Infrared Spectrometer

Market segment by Resolution

High-Resolution Field Spectrometer

Ultra-High Resolution Spectrometer

Standard Resolution Spectrometer

Market segment by Application

Remote Sensing Measurement

Crop Monitoring

Forest Research

Marine Research

Aquaculture

Scientific Research and Teaching

Others

Major players covered

SVC

Spectral Evolution

Malvern Panalytical

StellarNet

UPRtek

Optosky (Xiamen) Technology Inc.

Shanghai Oceanhood opto-electronics Tech Co., Ltd.

CHN Spec Technology (Zhejiang) Co., Ltd

Lisen Optics (Shenzhen) Co., Ltd.

Beijing LICA United Technology Limited

Beijing GOLDEN Way Scientific Co., Ltd.

Ocean Optics (SHANGHAI) Co., Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Handheld Field Spectrometer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Handheld Field Spectrometer, with price, sales quantity, revenue, and global market share of Handheld Field Spectrometer from

2021 to 2026.

Chapter 3, the Handheld Field Spectrometer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Handheld Field Spectrometer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Handheld Field Spectrometer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Handheld Field Spectrometer.

Chapter 14 and 15, to describe Handheld Field Spectrometer sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Handheld Field Spectrometer Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 8 Megapixels

1.3.3 12 Megapixels

1.3.4 Others

1.4 Market Analysis by Spectral Range

1.4.1 Overview: Global Handheld Field Spectrometer Consumption Value by Spectral Range: 2021 Versus 2025 Versus 2032

1.4.2 Visible-NIR Spectrometer

1.4.3 Full-Range (VNIR+SWIR) Spectrometer

1.4.4 Shortwave Infrared Spectrometer

1.5 Market Analysis by Resolution

1.5.1 Overview: Global Handheld Field Spectrometer Consumption Value by Resolution: 2021 Versus 2025 Versus 2032

1.5.2 High-Resolution Field Spectrometer

1.5.3 Ultra-High Resolution Spectrometer

1.5.4 Standard Resolution Spectrometer

1.6 Market Analysis by Application

1.6.1 Overview: Global Handheld Field Spectrometer Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Remote Sensing Measurement

1.6.3 Crop Monitoring

1.6.4 Forest Research

1.6.5 Marine Research

1.6.6 Aquaculture

1.6.7 Scientific Research and Teaching

1.6.8 Others

1.7 Global Handheld Field Spectrometer Market Size & Forecast

1.7.1 Global Handheld Field Spectrometer Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Handheld Field Spectrometer Sales Quantity (2021-2032)

1.7.3 Global Handheld Field Spectrometer Average Price (2021-2032)

## 2 MANUFACTURERS PROFILES

### 2.1 SVC

#### 2.1.1 SVC Details

#### 2.1.2 SVC Major Business

#### 2.1.3 SVC Handheld Field Spectrometer Product and Services

#### 2.1.4 SVC Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

#### 2.1.5 SVC Recent Developments/Updates

### 2.2 Spectral Evolution

#### 2.2.1 Spectral Evolution Details

#### 2.2.2 Spectral Evolution Major Business

#### 2.2.3 Spectral Evolution Handheld Field Spectrometer Product and Services

#### 2.2.4 Spectral Evolution Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

#### 2.2.5 Spectral Evolution Recent Developments/Updates

### 2.3 Malvern Panalytical

#### 2.3.1 Malvern Panalytical Details

#### 2.3.2 Malvern Panalytical Major Business

#### 2.3.3 Malvern Panalytical Handheld Field Spectrometer Product and Services

#### 2.3.4 Malvern Panalytical Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

#### 2.3.5 Malvern Panalytical Recent Developments/Updates

### 2.4 StellarNet

#### 2.4.1 StellarNet Details

#### 2.4.2 StellarNet Major Business

#### 2.4.3 StellarNet Handheld Field Spectrometer Product and Services

#### 2.4.4 StellarNet Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

#### 2.4.5 StellarNet Recent Developments/Updates

### 2.5 UPRtek

#### 2.5.1 UPRtek Details

#### 2.5.2 UPRtek Major Business

#### 2.5.3 UPRtek Handheld Field Spectrometer Product and Services

#### 2.5.4 UPRtek Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

#### 2.5.5 UPRtek Recent Developments/Updates

### 2.6 Optosky (Xiamen) Technology Inc.

#### 2.6.1 Optosky (Xiamen) Technology Inc. Details

- 2.6.2 Optosky (Xiamen) Technology Inc. Major Business
- 2.6.3 Optosky (Xiamen) Technology Inc. Handheld Field Spectrometer Product and Services
- 2.6.4 Optosky (Xiamen) Technology Inc. Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.6.5 Optosky (Xiamen) Technology Inc. Recent Developments/Updates
- 2.7 Shanghai Oceanhood opto-electronics Tech Co., Ltd.
  - 2.7.1 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Details
  - 2.7.2 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Major Business
  - 2.7.3 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Handheld Field Spectrometer Product and Services
  - 2.7.4 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.7.5 Shanghai Oceanhood opto-electronics Tech Co., Ltd. Recent Developments/Updates
- 2.8 CHN Spec Technology (Zhejiang) Co., Ltd
  - 2.8.1 CHN Spec Technology (Zhejiang) Co., Ltd Details
  - 2.8.2 CHN Spec Technology (Zhejiang) Co., Ltd Major Business
  - 2.8.3 CHN Spec Technology (Zhejiang) Co., Ltd Handheld Field Spectrometer Product and Services
  - 2.8.4 CHN Spec Technology (Zhejiang) Co., Ltd Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 CHN Spec Technology (Zhejiang) Co., Ltd Recent Developments/Updates
- 2.9 Lisen Optics (Shenzhen) Co., Ltd.
  - 2.9.1 Lisen Optics (Shenzhen) Co., Ltd. Details
  - 2.9.2 Lisen Optics (Shenzhen) Co., Ltd. Major Business
  - 2.9.3 Lisen Optics (Shenzhen) Co., Ltd. Handheld Field Spectrometer Product and Services
  - 2.9.4 Lisen Optics (Shenzhen) Co., Ltd. Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 Lisen Optics (Shenzhen) Co., Ltd. Recent Developments/Updates
- 2.10 Beijing LICA United Technology Limited
  - 2.10.1 Beijing LICA United Technology Limited Details
  - 2.10.2 Beijing LICA United Technology Limited Major Business
  - 2.10.3 Beijing LICA United Technology Limited Handheld Field Spectrometer Product and Services
  - 2.10.4 Beijing LICA United Technology Limited Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.10.5 Beijing LICA United Technology Limited Recent Developments/Updates
- 2.11 Beijing GOLDEN Way Scientific Co., Ltd.
  - 2.11.1 Beijing GOLDEN Way Scientific Co., Ltd. Details
  - 2.11.2 Beijing GOLDEN Way Scientific Co., Ltd. Major Business
  - 2.11.3 Beijing GOLDEN Way Scientific Co., Ltd. Handheld Field Spectrometer Product and Services
  - 2.11.4 Beijing GOLDEN Way Scientific Co., Ltd. Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.11.5 Beijing GOLDEN Way Scientific Co., Ltd. Recent Developments/Updates
- 2.12 Ocean Optics (SHANGHAI) Co., Ltd.
  - 2.12.1 Ocean Optics (SHANGHAI) Co., Ltd. Details
  - 2.12.2 Ocean Optics (SHANGHAI) Co., Ltd. Major Business
  - 2.12.3 Ocean Optics (SHANGHAI) Co., Ltd. Handheld Field Spectrometer Product and Services
  - 2.12.4 Ocean Optics (SHANGHAI) Co., Ltd. Handheld Field Spectrometer Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.12.5 Ocean Optics (SHANGHAI) Co., Ltd. Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: HANDHELD FIELD SPECTROMETER BY MANUFACTURER**

- 3.1 Global Handheld Field Spectrometer Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Handheld Field Spectrometer Revenue by Manufacturer (2021-2026)
- 3.3 Global Handheld Field Spectrometer Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Handheld Field Spectrometer by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Handheld Field Spectrometer Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Handheld Field Spectrometer Manufacturer Market Share in 2025
- 3.5 Handheld Field Spectrometer Market: Overall Company Footprint Analysis
  - 3.5.1 Handheld Field Spectrometer Market: Region Footprint
  - 3.5.2 Handheld Field Spectrometer Market: Company Product Type Footprint
  - 3.5.3 Handheld Field Spectrometer Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

- 4.1 Global Handheld Field Spectrometer Market Size by Region

- 4.1.1 Global Handheld Field Spectrometer Sales Quantity by Region (2021-2032)
- 4.1.2 Global Handheld Field Spectrometer Consumption Value by Region (2021-2032)
- 4.1.3 Global Handheld Field Spectrometer Average Price by Region (2021-2032)
- 4.2 North America Handheld Field Spectrometer Consumption Value (2021-2032)
- 4.3 Europe Handheld Field Spectrometer Consumption Value (2021-2032)
- 4.4 Asia-Pacific Handheld Field Spectrometer Consumption Value (2021-2032)
- 4.5 South America Handheld Field Spectrometer Consumption Value (2021-2032)
- 4.6 Middle East & Africa Handheld Field Spectrometer Consumption Value (2021-2032)

## **5 MARKET SEGMENT BY TYPE**

- 5.1 Global Handheld Field Spectrometer Sales Quantity by Type (2021-2032)
- 5.2 Global Handheld Field Spectrometer Consumption Value by Type (2021-2032)
- 5.3 Global Handheld Field Spectrometer Average Price by Type (2021-2032)

## **6 MARKET SEGMENT BY APPLICATION**

- 6.1 Global Handheld Field Spectrometer Sales Quantity by Application (2021-2032)
- 6.2 Global Handheld Field Spectrometer Consumption Value by Application (2021-2032)
- 6.3 Global Handheld Field Spectrometer Average Price by Application (2021-2032)

## **7 NORTH AMERICA**

- 7.1 North America Handheld Field Spectrometer Sales Quantity by Type (2021-2032)
- 7.2 North America Handheld Field Spectrometer Sales Quantity by Application (2021-2032)
- 7.3 North America Handheld Field Spectrometer Market Size by Country
  - 7.3.1 North America Handheld Field Spectrometer Sales Quantity by Country (2021-2032)
  - 7.3.2 North America Handheld Field Spectrometer Consumption Value by Country (2021-2032)
  - 7.3.3 United States Market Size and Forecast (2021-2032)
  - 7.3.4 Canada Market Size and Forecast (2021-2032)
  - 7.3.5 Mexico Market Size and Forecast (2021-2032)

## **8 EUROPE**

- 8.1 Europe Handheld Field Spectrometer Sales Quantity by Type (2021-2032)

8.2 Europe Handheld Field Spectrometer Sales Quantity by Application (2021-2032)

8.3 Europe Handheld Field Spectrometer Market Size by Country

8.3.1 Europe Handheld Field Spectrometer Sales Quantity by Country (2021-2032)

8.3.2 Europe Handheld Field Spectrometer Consumption Value by Country  
(2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Handheld Field Spectrometer Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Handheld Field Spectrometer Sales Quantity by Application  
(2021-2032)

9.3 Asia-Pacific Handheld Field Spectrometer Market Size by Region

9.3.1 Asia-Pacific Handheld Field Spectrometer Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Handheld Field Spectrometer Consumption Value by Region  
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

10.1 South America Handheld Field Spectrometer Sales Quantity by Type (2021-2032)

10.2 South America Handheld Field Spectrometer Sales Quantity by Application  
(2021-2032)

10.3 South America Handheld Field Spectrometer Market Size by Country

10.3.1 South America Handheld Field Spectrometer Sales Quantity by Country  
(2021-2032)

10.3.2 South America Handheld Field Spectrometer Consumption Value by Country  
(2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

11.1 Middle East & Africa Handheld Field Spectrometer Sales Quantity by Type (2021-2032)

11.2 Middle East & Africa Handheld Field Spectrometer Sales Quantity by Application (2021-2032)

11.3 Middle East & Africa Handheld Field Spectrometer Market Size by Country

11.3.1 Middle East & Africa Handheld Field Spectrometer Sales Quantity by Country (2021-2032)

11.3.2 Middle East & Africa Handheld Field Spectrometer Consumption Value by Country (2021-2032)

11.3.3 Turkey Market Size and Forecast (2021-2032)

11.3.4 Egypt Market Size and Forecast (2021-2032)

11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)

11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

12.1 Handheld Field Spectrometer Market Drivers

12.2 Handheld Field Spectrometer Market Restraints

12.3 Handheld Field Spectrometer Trends Analysis

12.4 Porters Five Forces Analysis

12.4.1 Threat of New Entrants

12.4.2 Bargaining Power of Suppliers

12.4.3 Bargaining Power of Buyers

12.4.4 Threat of Substitutes

12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

13.1 Raw Material of Handheld Field Spectrometer and Key Manufacturers

13.2 Manufacturing Costs Percentage of Handheld Field Spectrometer

13.3 Handheld Field Spectrometer Production Process

13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

14.1 Sales Channel

14.1.1 Direct to End-User

14.1.2 Distributors

14.2 Handheld Field Spectrometer Typical Distributors

14.3 Handheld Field Spectrometer Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

- Table 1. Global Handheld Field Spectrometer Consumption Value by Type, (USD Million), 2021 & 2025 & 2032
- Table 2. Global Handheld Field Spectrometer Consumption Value by Spectral Range, (USD Million), 2021 & 2025 & 2032
- Table 3. Global Handheld Field Spectrometer Consumption Value by Resolution, (USD Million), 2021 & 2025 & 2032
- Table 4. Global Handheld Field Spectrometer Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Table 5. SVC Basic Information, Manufacturing Base and Competitors
- Table 6. SVC Major Business
- Table 7. SVC Handheld Field Spectrometer Product and Services
- Table 8. SVC Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 9. SVC Recent Developments/Updates
- Table 10. Spectral Evolution Basic Information, Manufacturing Base and Competitors
- Table 11. Spectral Evolution Major Business
- Table 12. Spectral Evolution Handheld Field Spectrometer Product and Services
- Table 13. Spectral Evolution Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 14. Spectral Evolution Recent Developments/Updates
- Table 15. Malvern Panalytical Basic Information, Manufacturing Base and Competitors
- Table 16. Malvern Panalytical Major Business
- Table 17. Malvern Panalytical Handheld Field Spectrometer Product and Services
- Table 18. Malvern Panalytical Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 19. Malvern Panalytical Recent Developments/Updates
- Table 20. StellarNet Basic Information, Manufacturing Base and Competitors
- Table 21. StellarNet Major Business
- Table 22. StellarNet Handheld Field Spectrometer Product and Services
- Table 23. StellarNet Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 24. StellarNet Recent Developments/Updates
- Table 25. UPRtek Basic Information, Manufacturing Base and Competitors

Table 26. UPRtek Major Business

Table 27. UPRtek Handheld Field Spectrometer Product and Services

Table 28. UPRtek Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 29. UPRtek Recent Developments/Updates

Table 30. Optosky (Xiamen) Technology Inc. Basic Information, Manufacturing Base and Competitors

Table 31. Optosky (Xiamen) Technology Inc. Major Business

Table 32. Optosky (Xiamen) Technology Inc. Handheld Field Spectrometer Product and Services

Table 33. Optosky (Xiamen) Technology Inc. Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 34. Optosky (Xiamen) Technology Inc. Recent Developments/Updates

Table 35. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 36. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Major Business

Table 37. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Handheld Field Spectrometer Product and Services

Table 38. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 39. Shanghai Oceanhood opto-electronics Tech Co., Ltd. Recent Developments/Updates

Table 40. CHN Spec Technology (Zhejiang) Co., Ltd Basic Information, Manufacturing Base and Competitors

Table 41. CHN Spec Technology (Zhejiang) Co., Ltd Major Business

Table 42. CHN Spec Technology (Zhejiang) Co., Ltd Handheld Field Spectrometer Product and Services

Table 43. CHN Spec Technology (Zhejiang) Co., Ltd Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 44. CHN Spec Technology (Zhejiang) Co., Ltd Recent Developments/Updates

Table 45. Lisen Optics (Shenzhen) Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 46. Lisen Optics (Shenzhen) Co., Ltd. Major Business

Table 47. Lisen Optics (Shenzhen) Co., Ltd. Handheld Field Spectrometer Product and Services

Table 48. Lisen Optics (Shenzhen) Co., Ltd. Handheld Field Spectrometer Sales

Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 49. Lisen Optics (Shenzhen) Co., Ltd. Recent Developments/Updates

Table 50. Beijing LICA United Technology Limited Basic Information, Manufacturing Base and Competitors

Table 51. Beijing LICA United Technology Limited Major Business

Table 52. Beijing LICA United Technology Limited Handheld Field Spectrometer Product and Services

Table 53. Beijing LICA United Technology Limited Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 54. Beijing LICA United Technology Limited Recent Developments/Updates

Table 55. Beijing GOLDEN Way Scientific Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 56. Beijing GOLDEN Way Scientific Co., Ltd. Major Business

Table 57. Beijing GOLDEN Way Scientific Co., Ltd. Handheld Field Spectrometer Product and Services

Table 58. Beijing GOLDEN Way Scientific Co., Ltd. Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Beijing GOLDEN Way Scientific Co., Ltd. Recent Developments/Updates

Table 60. Ocean Optics (SHANGHAI) Co., Ltd. Basic Information, Manufacturing Base and Competitors

Table 61. Ocean Optics (SHANGHAI) Co., Ltd. Major Business

Table 62. Ocean Optics (SHANGHAI) Co., Ltd. Handheld Field Spectrometer Product and Services

Table 63. Ocean Optics (SHANGHAI) Co., Ltd. Handheld Field Spectrometer Sales Quantity (Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Ocean Optics (SHANGHAI) Co., Ltd. Recent Developments/Updates

Table 65. Global Handheld Field Spectrometer Sales Quantity by Manufacturer (2021-2026) & (Units)

Table 66. Global Handheld Field Spectrometer Revenue by Manufacturer (2021-2026) & (USD Million)

Table 67. Global Handheld Field Spectrometer Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 68. Market Position of Manufacturers in Handheld Field Spectrometer, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 69. Head Office and Handheld Field Spectrometer Production Site of Key

**Manufacturer**

Table 70. Handheld Field Spectrometer Market: Company Product Type Footprint

Table 71. Handheld Field Spectrometer Market: Company Product Application Footprint

Table 72. Handheld Field Spectrometer New Market Entrants and Barriers to Market Entry

Table 73. Handheld Field Spectrometer Mergers, Acquisition, Agreements, and Collaborations

Table 74. Global Handheld Field Spectrometer Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 75. Global Handheld Field Spectrometer Sales Quantity by Region (2021-2026) & (Units)

Table 76. Global Handheld Field Spectrometer Sales Quantity by Region (2027-2032) & (Units)

Table 77. Global Handheld Field Spectrometer Consumption Value by Region (2021-2026) & (USD Million)

Table 78. Global Handheld Field Spectrometer Consumption Value by Region (2027-2032) & (USD Million)

Table 79. Global Handheld Field Spectrometer Average Price by Region (2021-2026) & (US\$/Unit)

Table 80. Global Handheld Field Spectrometer Average Price by Region (2027-2032) & (US\$/Unit)

Table 81. Global Handheld Field Spectrometer Sales Quantity by Type (2021-2026) & (Units)

Table 82. Global Handheld Field Spectrometer Sales Quantity by Type (2027-2032) & (Units)

Table 83. Global Handheld Field Spectrometer Consumption Value by Type (2021-2026) & (USD Million)

Table 84. Global Handheld Field Spectrometer Consumption Value by Type (2027-2032) & (USD Million)

Table 85. Global Handheld Field Spectrometer Average Price by Type (2021-2026) & (US\$/Unit)

Table 86. Global Handheld Field Spectrometer Average Price by Type (2027-2032) & (US\$/Unit)

Table 87. Global Handheld Field Spectrometer Sales Quantity by Application (2021-2026) & (Units)

Table 88. Global Handheld Field Spectrometer Sales Quantity by Application (2027-2032) & (Units)

Table 89. Global Handheld Field Spectrometer Consumption Value by Application (2021-2026) & (USD Million)

Table 90. Global Handheld Field Spectrometer Consumption Value by Application (2027-2032) & (USD Million)

Table 91. Global Handheld Field Spectrometer Average Price by Application (2021-2026) & (US\$/Unit)

Table 92. Global Handheld Field Spectrometer Average Price by Application (2027-2032) & (US\$/Unit)

Table 93. North America Handheld Field Spectrometer Sales Quantity by Type (2021-2026) & (Units)

Table 94. North America Handheld Field Spectrometer Sales Quantity by Type (2027-2032) & (Units)

Table 95. North America Handheld Field Spectrometer Sales Quantity by Application (2021-2026) & (Units)

Table 96. North America Handheld Field Spectrometer Sales Quantity by Application (2027-2032) & (Units)

Table 97. North America Handheld Field Spectrometer Sales Quantity by Country (2021-2026) & (Units)

Table 98. North America Handheld Field Spectrometer Sales Quantity by Country (2027-2032) & (Units)

Table 99. North America Handheld Field Spectrometer Consumption Value by Country (2021-2026) & (USD Million)

Table 100. North America Handheld Field Spectrometer Consumption Value by Country (2027-2032) & (USD Million)

Table 101. Europe Handheld Field Spectrometer Sales Quantity by Type (2021-2026) & (Units)

Table 102. Europe Handheld Field Spectrometer Sales Quantity by Type (2027-2032) & (Units)

Table 103. Europe Handheld Field Spectrometer Sales Quantity by Application (2021-2026) & (Units)

Table 104. Europe Handheld Field Spectrometer Sales Quantity by Application (2027-2032) & (Units)

Table 105. Europe Handheld Field Spectrometer Sales Quantity by Country (2021-2026) & (Units)

Table 106. Europe Handheld Field Spectrometer Sales Quantity by Country (2027-2032) & (Units)

Table 107. Europe Handheld Field Spectrometer Consumption Value by Country (2021-2026) & (USD Million)

Table 108. Europe Handheld Field Spectrometer Consumption Value by Country (2027-2032) & (USD Million)

Table 109. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Type

(2021-2026) & (Units)

Table 110. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Type

(2027-2032) & (Units)

Table 111. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Application

(2021-2026) & (Units)

Table 112. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Application

(2027-2032) & (Units)

Table 113. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Region

(2021-2026) & (Units)

Table 114. Asia-Pacific Handheld Field Spectrometer Sales Quantity by Region

(2027-2032) & (Units)

Table 115. Asia-Pacific Handheld Field Spectrometer Consumption Value by Region

(2021-2026) & (USD Million)

Table 116. Asia-Pacific Handheld Field Spectrometer Consumption Value by Region

(2027-2032) & (USD Million)

Table 117. South America Handheld Field Spectrometer Sales Quantity by Type

(2021-2026) & (Units)

Table 118. South America Handheld Field Spectrometer Sales Quantity by Type

(2027-2032) & (Units)

Table 119. South America Handheld Field Spectrometer Sales Quantity by Application

(2021-2026) & (Units)

Table 120. South America Handheld Field Spectrometer Sales Quantity by Application

(2027-2032) & (Units)

Table 121. South America Handheld Field Spectrometer Sales Quantity by Country

(2021-2026) & (Units)

Table 122. South America Handheld Field Spectrometer Sales Quantity by Country

(2027-2032) & (Units)

Table 123. South America Handheld Field Spectrometer Consumption Value by Country

(2021-2026) & (USD Million)

Table 124. South America Handheld Field Spectrometer Consumption Value by Country

(2027-2032) & (USD Million)

Table 125. Middle East & Africa Handheld Field Spectrometer Sales Quantity by Type

(2021-2026) & (Units)

Table 126. Middle East & Africa Handheld Field Spectrometer Sales Quantity by Type

(2027-2032) & (Units)

Table 127. Middle East & Africa Handheld Field Spectrometer Sales Quantity by

Application (2021-2026) & (Units)

Table 128. Middle East & Africa Handheld Field Spectrometer Sales Quantity by

Application (2027-2032) & (Units)

Table 129. Middle East & Africa Handheld Field Spectrometer Sales Quantity by Country (2021-2026) & (Units)

Table 130. Middle East & Africa Handheld Field Spectrometer Sales Quantity by Country (2027-2032) & (Units)

Table 131. Middle East & Africa Handheld Field Spectrometer Consumption Value by Country (2021-2026) & (USD Million)

Table 132. Middle East & Africa Handheld Field Spectrometer Consumption Value by Country (2027-2032) & (USD Million)

Table 133. Handheld Field Spectrometer Raw Material

Table 134. Key Manufacturers of Handheld Field Spectrometer Raw Materials

Table 135. Handheld Field Spectrometer Typical Distributors

Table 136. Handheld Field Spectrometer Typical Customers

## List Of Figures

### LIST OF FIGURES

Figure 1. Handheld Field Spectrometer Picture

Figure 2. Global Handheld Field Spectrometer Revenue by Type, (USD Million), 2021 & 2025 & 2032

Figure 3. Global Handheld Field Spectrometer Revenue Market Share by Type in 2025

Figure 4. 8 Megapixels Examples

Figure 5. 12 Megapixels Examples

Figure 6. Others Examples

Figure 7. Global Handheld Field Spectrometer Revenue by Spectral Range, (USD Million), 2021 & 2025 & 2032

Figure 8. Global Handheld Field Spectrometer Revenue Market Share by Spectral Range in 2025

Figure 9. Visible-NIR Spectrometer Examples

Figure 10. Full-Range (VNIR+SWIR) Spectrometer Examples

Figure 11. Shortwave Infrared Spectrometer Examples

Figure 12. Global Handheld Field Spectrometer Revenue by Resolution, (USD Million), 2021 & 2025 & 2032

Figure 13. Global Handheld Field Spectrometer Revenue Market Share by Resolution in 2025

Figure 14. High-Resolution Field Spectrometer Examples

Figure 15. Ultra-High Resolution Spectrometer Examples

Figure 16. Standard Resolution Spectrometer Examples

Figure 17. Global Handheld Field Spectrometer Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 18. Global Handheld Field Spectrometer Revenue Market Share by Application in 2025

Figure 19. Remote Sensing Measurement Examples

Figure 20. Crop Monitoring Examples

Figure 21. Forest Research Examples

Figure 22. Marine Research Examples

Figure 23. Aquaculture Examples

Figure 24. Scientific Research and Teaching Examples

Figure 25. Others Examples

Figure 26. Global Handheld Field Spectrometer Consumption Value, (USD Million): 2021 & 2025 & 2032

Figure 27. Global Handheld Field Spectrometer Consumption Value and Forecast

(2021-2032) & (USD Million)

Figure 28. Global Handheld Field Spectrometer Sales Quantity (2021-2032) & (Units)

Figure 29. Global Handheld Field Spectrometer Price (2021-2032) & (US\$/Unit)

Figure 30. Global Handheld Field Spectrometer Sales Quantity Market Share by Manufacturer in 2025

Figure 31. Global Handheld Field Spectrometer Revenue Market Share by Manufacturer in 2025

Figure 32. Producer Shipments of Handheld Field Spectrometer by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 33. Top 3 Handheld Field Spectrometer Manufacturer (Revenue) Market Share in 2025

Figure 34. Top 6 Handheld Field Spectrometer Manufacturer (Revenue) Market Share in 2025

Figure 35. Global Handheld Field Spectrometer Sales Quantity Market Share by Region (2021-2032)

Figure 36. Global Handheld Field Spectrometer Consumption Value Market Share by Region (2021-2032)

Figure 37. North America Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 38. Europe Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 39. Asia-Pacific Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 40. South America Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 41. Middle East & Africa Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 42. Global Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 43. Global Handheld Field Spectrometer Consumption Value Market Share by Type (2021-2032)

Figure 44. Global Handheld Field Spectrometer Average Price by Type (2021-2032) & (US\$/Unit)

Figure 45. Global Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 46. Global Handheld Field Spectrometer Revenue Market Share by Application (2021-2032)

Figure 47. Global Handheld Field Spectrometer Average Price by Application (2021-2032) & (US\$/Unit)

Figure 48. North America Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 49. North America Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 50. North America Handheld Field Spectrometer Sales Quantity Market Share by Country (2021-2032)

Figure 51. North America Handheld Field Spectrometer Consumption Value Market Share by Country (2021-2032)

Figure 52. United States Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 53. Canada Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 54. Mexico Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 55. Europe Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 56. Europe Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 57. Europe Handheld Field Spectrometer Sales Quantity Market Share by Country (2021-2032)

Figure 58. Europe Handheld Field Spectrometer Consumption Value Market Share by Country (2021-2032)

Figure 59. Germany Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 60. France Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 61. United Kingdom Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 62. Russia Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 63. Italy Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 64. Asia-Pacific Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 65. Asia-Pacific Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 66. Asia-Pacific Handheld Field Spectrometer Sales Quantity Market Share by Region (2021-2032)

Figure 67. Asia-Pacific Handheld Field Spectrometer Consumption Value Market Share

by Region (2021-2032)

Figure 68. China Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 69. Japan Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 70. South Korea Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 71. India Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 72. Southeast Asia Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 73. Australia Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 74. South America Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 75. South America Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 76. South America Handheld Field Spectrometer Sales Quantity Market Share by Country (2021-2032)

Figure 77. South America Handheld Field Spectrometer Consumption Value Market Share by Country (2021-2032)

Figure 78. Brazil Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 79. Argentina Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 80. Middle East & Africa Handheld Field Spectrometer Sales Quantity Market Share by Type (2021-2032)

Figure 81. Middle East & Africa Handheld Field Spectrometer Sales Quantity Market Share by Application (2021-2032)

Figure 82. Middle East & Africa Handheld Field Spectrometer Sales Quantity Market Share by Country (2021-2032)

Figure 83. Middle East & Africa Handheld Field Spectrometer Consumption Value Market Share by Country (2021-2032)

Figure 84. Turkey Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 85. Egypt Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 86. Saudi Arabia Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 87. South Africa Handheld Field Spectrometer Consumption Value (2021-2032) & (USD Million)

Figure 88. Handheld Field Spectrometer Market Drivers

Figure 89. Handheld Field Spectrometer Market Restraints

Figure 90. Handheld Field Spectrometer Market Trends

Figure 91. Porters Five Forces Analysis

Figure 92. Manufacturing Cost Structure Analysis of Handheld Field Spectrometer in 2025

Figure 93. Manufacturing Process Analysis of Handheld Field Spectrometer

Figure 94. Handheld Field Spectrometer Industrial Chain

Figure 95. Sales Channel: Direct to End-User vs Distributors

Figure 96. Direct Channel Pros & Cons

Figure 97. Indirect Channel Pros & Cons

Figure 98. Methodology

Figure 99. Research Process and Data Source

## I would like to order

Product name: Global Handheld Field Spectrometer Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GD4059A1529BEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD4059A1529BEN.html>