+357 96 030922
info@marketpublishers.com

Global Handheld Direct Reading Spectrometer Supply, Demand and Key Producers, 2026-2032

https://marketpublishers.com/r/GF6B625E46A5EN.html
Date: August 2026
Pages: 122
Price: US$ 4,480.00 (Single User License)
ID: GF6B625E46A5EN

Abstracts

The global Handheld Direct Reading Spectrometer market size is expected to reach $ 454 million by 2032, rising at a market growth of 4.7% CAGR during the forecast period (2026-2032).

Handheld Direct Reading Spectrometers are portable elemental analysis instruments used for on-site identification and quantitative analysis of metals, alloys, ores, coatings, and industrial materials. The equipment directly reads material composition through X-ray fluorescence, laser-induced breakdown spectroscopy, optical emission spectroscopy, or related spectroscopic methods, enabling rapid alloy verification, incoming material inspection, scrap sorting, positive material identification, and field quality control.The industrial chain of Handheld Direct Reading Spectrometers includes upstream suppliers of X-ray tubes, laser sources, optical modules, detectors, spectrometers, calibration standards, embedded processors, batteries, displays, sensors, housings, and analytical software. Midstream manufacturers integrate excitation systems, optical paths, spectral detection modules, calibration algorithms, material databases, human-machine interfaces, and portable power systems into complete instruments. Downstream applications include metal recycling, foundries, steel plants, aerospace material inspection, automotive manufacturing, machinery manufacturing, petrochemical facilities, mining, environmental testing, and third-party testing services. Supporting services include calibration, software upgrades, application method development, maintenance, spare parts supply, and operator training.In 2025, global Handheld Direct Reading Spectrometer production reached approximately 10,000 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 40%?60%. In 2025, the global production capacity of handheld direct reading spectrometers was approximately 14,286 units.

+357 96 030922
info@marketpublishers.com

The Handheld Direct Reading Spectrometer market is driven by rising demand for on-site alloy identification, metal recycling, industrial quality control, mining analysis, environmental testing, and positive material identification. Compared with laboratory spectrometers, handheld instruments provide faster field analysis, lower sampling cost, and greater flexibility for inspection teams. Demand is supported by metal processing, aerospace, automotive, petrochemical, power equipment, recycling, mining, and third-party testing industries, where material traceability and composition verification are increasingly important. Equipment suppliers are improving detection accuracy, light-element analysis capability, battery life, software databases, ruggedness, data connectivity, and ease of operation. Portable XRF, LIBS, and optical emission technologies are expanding use cases beyond traditional laboratory analysis. Overall, the market is expected to grow steadily, supported by stricter quality management, faster field testing requirements, and increasing adoption of portable analytical instruments.

This report studies the global Handheld Direct Reading Spectrometer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Handheld Direct Reading Spectrometer and provides market size (US$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Handheld Direct Reading Spectrometer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Handheld Direct Reading Spectrometer total production and demand, 2021-2032, (Units)
Global Handheld Direct Reading Spectrometer total production value, 2021-2032, (USD Million)
Global Handheld Direct Reading Spectrometer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Handheld Direct Reading Spectrometer consumption by region & country, CAGR, 2021-2032 & (Units)
U.S. VS China: Handheld Direct Reading Spectrometer domestic production, consumption, key domestic manufacturers and share
Global Handheld Direct Reading Spectrometer production by manufacturer, production,

+357 96 030922
info@marketpublishers.com

price, value and market share 2021-2026, (USD Million) & (Units)
Global Handheld Direct Reading Spectrometer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Handheld Direct Reading Spectrometer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Handheld Direct Reading Spectrometer market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Thermo Fisher Scientific Inc., Bruker Corporation, SciAps Inc. (Malvern Panalytical), Viken Detection, SPECTRO Analytical Instruments GmbH, Helmut Fischer GmbH, Elvatech Ltd., ARUN Technology Ltd., Hitachi High-Tech Analytical Science, Evident Corporation, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Handheld Direct Reading Spectrometer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US$ Millions), volume (production, consumption) & (Units) and average price (K US$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Handheld Direct Reading Spectrometer Market, By Region:

United States

China

Europe

Japan

South Korea

+357 96 030922
info@marketpublishers.com

ASEAN

India

Rest of World

Global Handheld Direct Reading Spectrometer Market, Segmentation by Type:

Handheld XRF Direct Reading Spectrometer

Handheld LIBS Direct Reading Spectrometer

Global Handheld Direct Reading Spectrometer Market, Segmentation by Excitation Source Type:

X-Ray Tube Excited Handheld Spectrometer

Laser Excited Handheld Spectrometer

Radioisotope Source Handheld Spectrometer

Global Handheld Direct Reading Spectrometer Market, Segmentation by Instrument Weight Class:

Ultra Light Handheld Spectrometer, Weight Not More Than 1.5 kg

Standard Handheld Spectrometer, Weight More Than 1.5 kg To 2.5 kg

Enhanced Handheld Spectrometer, Weight More Than 2.5 kg To 4.0 kg

Heavy Duty Handheld Spectrometer, Weight More Than 4.0 kg

Global Handheld Direct Reading Spectrometer Market, Segmentation by Application:

+357 96 030922
info@marketpublishers.com

Precious Metal Detection Industrial

Metallurgical Industrial

Metal Recycling Industrial

Others

Companies Profiled:

Thermo Fisher Scientific Inc.

Bruker Corporation

SciAps Inc. (Malvern Panalytical)

Viken Detection

SPECTRO Analytical Instruments GmbH

Helmut Fischer GmbH

Elvatech Ltd.

ARUN Technology Ltd.

Hitachi High-Tech Analytical Science

Evident Corporation

Jiangsu Skyray Instrument Co., Ltd.

Focused Photonics (Hangzhou), Inc.

Hangzhou PuYu Technology Development Co., Ltd.

Suzhou LANScientific Co., Ltd.

+357 96 030922
info@marketpublishers.com

NCS Testing Technology Co., Ltd.

Key Questions Answered:

1. How big is the global Handheld Direct Reading Spectrometer market?
2. What is the demand of the global Handheld Direct Reading Spectrometer market?
3. What is the year over year growth of the global Handheld Direct Reading Spectrometer market?
4. What is the production and production value of the global Handheld Direct Reading Spectrometer market?
5. Who are the key producers in the global Handheld Direct Reading Spectrometer market?
6. What are the growth factors driving the market demand?

+357 96 030922
info@marketpublishers.com

Contents

1 SUPPLY SUMMARY

1.1 Handheld Direct Reading Spectrometer Introduction
1.2 World Handheld Direct Reading Spectrometer Supply & Forecast
  1.2.1 World Handheld Direct Reading Spectrometer Production Value (2021 & 2025 & 2032)
  1.2.2 World Handheld Direct Reading Spectrometer Production (2021-2032)
  1.2.3 World Handheld Direct Reading Spectrometer Pricing Trends (2021-2032)
1.3 World Handheld Direct Reading Spectrometer Production by Region (Based on Production Site)
  1.3.1 World Handheld Direct Reading Spectrometer Production Value by Region (2021-2032)
  1.3.2 World Handheld Direct Reading Spectrometer Production by Region (2021-2032)
  1.3.3 World Handheld Direct Reading Spectrometer Average Price by Region (2021-2032)
  1.3.4 North America Handheld Direct Reading Spectrometer Production (2021-2032)
  1.3.5 Europe Handheld Direct Reading Spectrometer Production (2021-2032)
  1.3.6 China Handheld Direct Reading Spectrometer Production (2021-2032)
  1.3.7 Japan Handheld Direct Reading Spectrometer Production (2021-2032)
1.4 Market Drivers, Restraints and Trends
  1.4.1 Handheld Direct Reading Spectrometer Market Drivers
  1.4.2 Factors Affecting Demand
  1.4.3 Handheld Direct Reading Spectrometer Major Market Trends

2 DEMAND SUMMARY

2.1 World Handheld Direct Reading Spectrometer Demand (2021-2032)
2.2 World Handheld Direct Reading Spectrometer Consumption by Region
  2.2.1 World Handheld Direct Reading Spectrometer Consumption by Region (2021-2026)
  2.2.2 World Handheld Direct Reading Spectrometer Consumption Forecast by Region (2027-2032)
2.3 United States Handheld Direct Reading Spectrometer Consumption (2021-2032)
2.4 China Handheld Direct Reading Spectrometer Consumption (2021-2032)
2.5 Europe Handheld Direct Reading Spectrometer Consumption (2021-2032)
2.6 Japan Handheld Direct Reading Spectrometer Consumption (2021-2032)
2.7 South Korea Handheld Direct Reading Spectrometer Consumption (2021-2032)

+357 96 030922
info@marketpublishers.com

2.8 ASEAN Handheld Direct Reading Spectrometer Consumption (2021-2032)
2.9 India Handheld Direct Reading Spectrometer Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Handheld Direct Reading Spectrometer Production Value by Manufacturer (2021-2026)
3.2 World Handheld Direct Reading Spectrometer Production by Manufacturer (2021-2026)
3.3 World Handheld Direct Reading Spectrometer Average Price by Manufacturer (2021-2026)
3.4 Handheld Direct Reading Spectrometer Company Evaluation Quadrant
3.5 Industry Rank and Concentration Rate (CR)
  3.5.1 Global Handheld Direct Reading Spectrometer Industry Rank of Major Manufacturers
  3.5.2 Global Concentration Ratios (CR4) for Handheld Direct Reading Spectrometer in 2025
  3.5.3 Global Concentration Ratios (CR8) for Handheld Direct Reading Spectrometer in 2025
3.6 Handheld Direct Reading Spectrometer Market: Overall Company Footprint Analysis
  3.6.1 Handheld Direct Reading Spectrometer Market: Region Footprint
  3.6.2 Handheld Direct Reading Spectrometer Market: Company Product Type Footprint
  3.6.3 Handheld Direct Reading Spectrometer Market: Company Product Application Footprint
3.7 Competitive Environment
  3.7.1 Historical Structure of the Industry
  3.7.2 Barriers of Market Entry
  3.7.3 Factors of Competition
3.8 New Entrant and Capacity Expansion Plans
3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

4.1 United States VS China: Handheld Direct Reading Spectrometer Production Value Comparison
  4.1.1 United States VS China: Handheld Direct Reading Spectrometer Production Value Comparison (2021 & 2025 & 2032)
  4.1.2 United States VS China: Handheld Direct Reading Spectrometer Production

+357 96 030922
info@marketpublishers.com

Value Market Share Comparison (2021 & 2025 & 2032)
4.2 United States VS China: Handheld Direct Reading Spectrometer Production Comparison
4.2.1 United States VS China: Handheld Direct Reading Spectrometer Production Comparison (2021 & 2025 & 2032)
4.2.2 United States VS China: Handheld Direct Reading Spectrometer Production Market Share Comparison (2021 & 2025 & 2032)
4.3 United States VS China: Handheld Direct Reading Spectrometer Consumption Comparison
4.3.1 United States VS China: Handheld Direct Reading Spectrometer Consumption Comparison (2021 & 2025 & 2032)
4.3.2 United States VS China: Handheld Direct Reading Spectrometer Consumption Market Share Comparison (2021 & 2025 & 2032)
4.4 United States Based Handheld Direct Reading Spectrometer Manufacturers and Market Share, 2021-2026
4.4.1 United States Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (States, Country)
4.4.2 United States Based Manufacturers Handheld Direct Reading Spectrometer Production Value (2021-2026)
4.4.3 United States Based Manufacturers Handheld Direct Reading Spectrometer Production (2021-2026)
4.5 China Based Handheld Direct Reading Spectrometer Manufacturers and Market Share
4.5.1 China Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (Province, Country)
4.5.2 China Based Manufacturers Handheld Direct Reading Spectrometer Production Value (2021-2026)
4.5.3 China Based Manufacturers Handheld Direct Reading Spectrometer Production (2021-2026)
4.6 Rest of World Based Handheld Direct Reading Spectrometer Manufacturers and Market Share, 2021-2026
4.6.1 Rest of World Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (State, Country)
4.6.2 Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production Value (2021-2026)
4.6.3 Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

+357 96 030922
info@marketpublishers.com

5.1 World Handheld Direct Reading Spectrometer Market Size Overview by Type: 2021 VS 2025 VS 2032
5.2 Segment Introduction by Type
  5.2.1 Handheld XRF Direct Reading Spectrometer
  5.2.2 Handheld LIBS Direct Reading Spectrometer
5.3 Market Segment by Type
  5.3.1 World Handheld Direct Reading Spectrometer Production by Type (2021-2032)
  5.3.2 World Handheld Direct Reading Spectrometer Production Value by Type (2021-2032)
  5.3.3 World Handheld Direct Reading Spectrometer Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY EXCITATION SOURCE TYPE

6.1 World Handheld Direct Reading Spectrometer Market Size Overview by Excitation Source Type: 2021 VS 2025 VS 2032
6.2 Segment Introduction by Excitation Source Type
  6.2.1 X-Ray Tube Excited Handheld Spectrometer
  6.2.2 Laser Excited Handheld Spectrometer
  6.2.3 Radioisotope Source Handheld Spectrometer
6.3 Market Segment by Excitation Source Type
  6.3.1 World Handheld Direct Reading Spectrometer Production by Excitation Source Type (2021-2032)
  6.3.2 World Handheld Direct Reading Spectrometer Production Value by Excitation Source Type (2021-2032)
  6.3.3 World Handheld Direct Reading Spectrometer Average Price by Excitation Source Type (2021-2032)

7 MARKET ANALYSIS BY INSTRUMENT WEIGHT CLASS

7.1 World Handheld Direct Reading Spectrometer Market Size Overview by Instrument Weight Class: 2021 VS 2025 VS 2032
7.2 Segment Introduction by Instrument Weight Class
  7.2.1 Ultra Light Handheld Spectrometer, Weight Not More Than 1.5 kg
  7.2.2 Standard Handheld Spectrometer, Weight More Than 1.5 kg To 2.5 kg
  7.2.3 Enhanced Handheld Spectrometer, Weight More Than 2.5 kg To 4.0 kg
  7.2.4 Heavy Duty Handheld Spectrometer, Weight More Than 4.0 kg
7.3 Market Segment by Instrument Weight Class

+357 96 030922
info@marketpublishers.com

7.3.1 World Handheld Direct Reading Spectrometer Production by Instrument Weight Class (2021-2032)
7.3.2 World Handheld Direct Reading Spectrometer Production Value by Instrument Weight Class (2021-2032)
7.3.3 World Handheld Direct Reading Spectrometer Average Price by Instrument Weight Class (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Handheld Direct Reading Spectrometer Market Size Overview by Application: 2021 VS 2025 VS 2032
8.2 Segment Introduction by Application
8.2.1 Precious Metal Detection Industrial
8.2.2 Metallurgical Industrial
8.2.3 Metal Recycling Industrial
8.2.4 Others
8.3 Market Segment by Application
8.3.1 World Handheld Direct Reading Spectrometer Production by Application (2021-2032)
8.3.2 World Handheld Direct Reading Spectrometer Production Value by Application (2021-2032)
8.3.3 World Handheld Direct Reading Spectrometer Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Thermo Fisher Scientific Inc.
9.1.1 Thermo Fisher Scientific Inc. Details
9.1.2 Thermo Fisher Scientific Inc. Major Business
9.1.3 Thermo Fisher Scientific Inc. Handheld Direct Reading Spectrometer Product and Services
9.1.4 Thermo Fisher Scientific Inc. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.1.5 Thermo Fisher Scientific Inc. Recent Developments/Updates
9.1.6 Thermo Fisher Scientific Inc. Competitive Strengths & Weaknesses
9.2 Bruker Corporation
9.2.1 Bruker Corporation Details
9.2.2 Bruker Corporation Major Business
9.2.3 Bruker Corporation Handheld Direct Reading Spectrometer Product and

+357 96 030922
info@marketpublishers.com

Services
9.2.4 Bruker Corporation Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.2.5 Bruker Corporation Recent Developments/Updates
9.2.6 Bruker Corporation Competitive Strengths & Weaknesses
9.3 SciAps Inc. (Malvern Panalytical)
9.3.1 SciAps Inc. (Malvern Panalytical) Details
9.3.2 SciAps Inc. (Malvern Panalytical) Major Business
9.3.3 SciAps Inc. (Malvern Panalytical) Handheld Direct Reading Spectrometer Product and Services
9.3.4 SciAps Inc. (Malvern Panalytical) Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.3.5 SciAps Inc. (Malvern Panalytical) Recent Developments/Updates
9.3.6 SciAps Inc. (Malvern Panalytical) Competitive Strengths & Weaknesses
9.4 Viken Detection
9.4.1 Viken Detection Details
9.4.2 Viken Detection Major Business
9.4.3 Viken Detection Handheld Direct Reading Spectrometer Product and Services
9.4.4 Viken Detection Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.4.5 Viken Detection Recent Developments/Updates
9.4.6 Viken Detection Competitive Strengths & Weaknesses
9.5 SPECTRO Analytical Instruments GmbH
9.5.1 SPECTRO Analytical Instruments GmbH Details
9.5.2 SPECTRO Analytical Instruments GmbH Major Business
9.5.3 SPECTRO Analytical Instruments GmbH Handheld Direct Reading Spectrometer Product and Services
9.5.4 SPECTRO Analytical Instruments GmbH Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.5.5 SPECTRO Analytical Instruments GmbH Recent Developments/Updates
9.5.6 SPECTRO Analytical Instruments GmbH Competitive Strengths & Weaknesses
9.6 Helmut Fischer GmbH
9.6.1 Helmut Fischer GmbH Details
9.6.2 Helmut Fischer GmbH Major Business
9.6.3 Helmut Fischer GmbH Handheld Direct Reading Spectrometer Product and Services
9.6.4 Helmut Fischer GmbH Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.6.5 Helmut Fischer GmbH Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

9.6.6 Helmut Fischer GmbH Competitive Strengths & Weaknesses
9.7 Elvatech Ltd.
9.7.1 Elvatech Ltd. Details
9.7.2 Elvatech Ltd. Major Business
9.7.3 Elvatech Ltd. Handheld Direct Reading Spectrometer Product and Services
9.7.4 Elvatech Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.7.5 Elvatech Ltd. Recent Developments/Updates
9.7.6 Elvatech Ltd. Competitive Strengths & Weaknesses
9.8 ARUN Technology Ltd.
9.8.1 ARUN Technology Ltd. Details
9.8.2 ARUN Technology Ltd. Major Business
9.8.3 ARUN Technology Ltd. Handheld Direct Reading Spectrometer Product and Services
9.8.4 ARUN Technology Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.8.5 ARUN Technology Ltd. Recent Developments/Updates
9.8.6 ARUN Technology Ltd. Competitive Strengths & Weaknesses
9.9 Hitachi High-Tech Analytical Science
9.9.1 Hitachi High-Tech Analytical Science Details
9.9.2 Hitachi High-Tech Analytical Science Major Business
9.9.3 Hitachi High-Tech Analytical Science Handheld Direct Reading Spectrometer Product and Services
9.9.4 Hitachi High-Tech Analytical Science Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.9.5 Hitachi High-Tech Analytical Science Recent Developments/Updates
9.9.6 Hitachi High-Tech Analytical Science Competitive Strengths & Weaknesses
9.10 Evident Corporation
9.10.1 Evident Corporation Details
9.10.2 Evident Corporation Major Business
9.10.3 Evident Corporation Handheld Direct Reading Spectrometer Product and Services
9.10.4 Evident Corporation Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.10.5 Evident Corporation Recent Developments/Updates
9.10.6 Evident Corporation Competitive Strengths & Weaknesses
9.11 Jiangsu Skyray Instrument Co., Ltd.
9.11.1 Jiangsu Skyray Instrument Co., Ltd. Details
9.11.2 Jiangsu Skyray Instrument Co., Ltd. Major Business

+357 96 030922
info@marketpublishers.com

9.11.3 Jiangsu Skyray Instrument Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
9.11.4 Jiangsu Skyray Instrument Co., Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.11.5 Jiangsu Skyray Instrument Co., Ltd. Recent Developments/Updates
9.11.6 Jiangsu Skyray Instrument Co., Ltd. Competitive Strengths & Weaknesses
9.12 Focused Photonics (Hangzhou), Inc.
9.12.1 Focused Photonics (Hangzhou), Inc. Details
9.12.2 Focused Photonics (Hangzhou), Inc. Major Business
9.12.3 Focused Photonics (Hangzhou), Inc. Handheld Direct Reading Spectrometer Product and Services
9.12.4 Focused Photonics (Hangzhou), Inc. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.12.5 Focused Photonics (Hangzhou), Inc. Recent Developments/Updates
9.12.6 Focused Photonics (Hangzhou), Inc. Competitive Strengths & Weaknesses
9.13 Hangzhou PuYu Technology Development Co., Ltd.
9.13.1 Hangzhou PuYu Technology Development Co., Ltd. Details
9.13.2 Hangzhou PuYu Technology Development Co., Ltd. Major Business
9.13.3 Hangzhou PuYu Technology Development Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
9.13.4 Hangzhou PuYu Technology Development Co., Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.13.5 Hangzhou PuYu Technology Development Co., Ltd. Recent Developments/Updates
9.13.6 Hangzhou PuYu Technology Development Co., Ltd. Competitive Strengths & Weaknesses
9.14 Suzhou LANScientific Co., Ltd.
9.14.1 Suzhou LANScientific Co., Ltd. Details
9.14.2 Suzhou LANScientific Co., Ltd. Major Business
9.14.3 Suzhou LANScientific Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
9.14.4 Suzhou LANScientific Co., Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.14.5 Suzhou LANScientific Co., Ltd. Recent Developments/Updates
9.14.6 Suzhou LANScientific Co., Ltd. Competitive Strengths & Weaknesses
9.15 NCS Testing Technology Co., Ltd.
9.15.1 NCS Testing Technology Co., Ltd. Details
9.15.2 NCS Testing Technology Co., Ltd. Major Business
9.15.3 NCS Testing Technology Co., Ltd. Handheld Direct Reading Spectrometer

+357 96 030922
info@marketpublishers.com

Product and Services
9.15.4 NCS Testing Technology Co., Ltd. Handheld Direct Reading Spectrometer Production, Price, Value, Gross Margin and Market Share (2021-2026)
9.15.5 NCS Testing Technology Co., Ltd. Recent Developments/Updates
9.15.6 NCS Testing Technology Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Handheld Direct Reading Spectrometer Industry Chain
10.2 Handheld Direct Reading Spectrometer Upstream Analysis
10.2.1 Handheld Direct Reading Spectrometer Core Raw Materials
10.2.2 Main Manufacturers of Handheld Direct Reading Spectrometer Core Raw Materials
10.3 Midstream Analysis
10.4 Downstream Analysis
10.5 Handheld Direct Reading Spectrometer Production Mode
10.6 Handheld Direct Reading Spectrometer Procurement Model
10.7 Handheld Direct Reading Spectrometer Industry Sales Model and Sales Channels
10.7.1 Handheld Direct Reading Spectrometer Sales Model
10.7.2 Handheld Direct Reading Spectrometer Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology
12.2 Research Process and Data Source
12.3 Disclaimer

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

Table 1. World Handheld Direct Reading Spectrometer Production Value by Region (2021, 2025 and 2032) & (USD Million)
Table 2. World Handheld Direct Reading Spectrometer Production Value by Region (2021-2026) & (USD Million)
Table 3. World Handheld Direct Reading Spectrometer Production Value by Region (2027-2032) & (USD Million)
Table 4. World Handheld Direct Reading Spectrometer Production Value Market Share by Region (2021-2026)
Table 5. World Handheld Direct Reading Spectrometer Production Value Market Share by Region (2027-2032)
Table 6. World Handheld Direct Reading Spectrometer Production by Region (2021-2026) & (Units)
Table 7. World Handheld Direct Reading Spectrometer Production by Region (2027-2032) & (Units)
Table 8. World Handheld Direct Reading Spectrometer Production Market Share by Region (2021-2026)
Table 9. World Handheld Direct Reading Spectrometer Production Market Share by Region (2027-2032)
Table 10. World Handheld Direct Reading Spectrometer Average Price by Region (2021-2026) & (K US$/Unit)
Table 11. World Handheld Direct Reading Spectrometer Average Price by Region (2027-2032) & (K US$/Unit)
Table 12. Handheld Direct Reading Spectrometer Major Market Trends
Table 13. World Handheld Direct Reading Spectrometer Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (Units)
Table 14. World Handheld Direct Reading Spectrometer Consumption by Region (2021-2026) & (Units)
Table 15. World Handheld Direct Reading Spectrometer Consumption Forecast by Region (2027-2032) & (Units)
Table 16. World Handheld Direct Reading Spectrometer Production Value by Manufacturer (2021-2026) & (USD Million)
Table 17. Production Value Market Share of Key Handheld Direct Reading Spectrometer Producers in 2025
Table 18. World Handheld Direct Reading Spectrometer Production by Manufacturer (2021-2026) & (Units)

+357 96 030922
info@marketpublishers.com

Table 19. Production Market Share of Key Handheld Direct Reading Spectrometer Producers in 2025
Table 20. World Handheld Direct Reading Spectrometer Average Price by Manufacturer (2021-2026) & (K US$/Unit)
Table 21. Global Handheld Direct Reading Spectrometer Company Evaluation Quadrant
Table 22. World Handheld Direct Reading Spectrometer Industry Rank of Major Manufacturers, Based on Production Value in 2025
Table 23. Head Office and Handheld Direct Reading Spectrometer Production Site of Key Manufacturer
Table 24. Handheld Direct Reading Spectrometer Market: Company Product Type Footprint
Table 25. Handheld Direct Reading Spectrometer Market: Company Product Application Footprint
Table 26. Handheld Direct Reading Spectrometer Competitive Factors
Table 27. Handheld Direct Reading Spectrometer New Entrant and Capacity Expansion Plans
Table 28. Handheld Direct Reading Spectrometer Mergers & Acquisitions Activity
Table 29. United States VS China Handheld Direct Reading Spectrometer Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)
Table 30. United States VS China Handheld Direct Reading Spectrometer Production Comparison, (2021 & 2025 & 2032) & (Units)
Table 31. United States VS China Handheld Direct Reading Spectrometer Consumption Comparison, (2021 & 2025 & 2032) & (Units)
Table 32. United States Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (States, Country)
Table 33. United States Based Manufacturers Handheld Direct Reading Spectrometer Production Value, (2021-2026) & (USD Million)
Table 34. United States Based Manufacturers Handheld Direct Reading Spectrometer Production Value Market Share (2021-2026)
Table 35. United States Based Manufacturers Handheld Direct Reading Spectrometer Production (2021-2026) & (Units)
Table 36. United States Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share (2021-2026)
Table 37. China Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (Province, Country)
Table 38. China Based Manufacturers Handheld Direct Reading Spectrometer Production Value, (2021-2026) & (USD Million)
Table 39. China Based Manufacturers Handheld Direct Reading Spectrometer

+357 96 030922
info@marketpublishers.com

Production Value Market Share (2021-2026)
Table 40. China Based Manufacturers Handheld Direct Reading Spectrometer Production, (2021-2026) & (Units)
Table 41. China Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share (2021-2026)
Table 42. Rest of World Based Handheld Direct Reading Spectrometer Manufacturers, Headquarters and Production Site (State, Country)
Table 43. Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production Value, (2021-2026) & (USD Million)
Table 44. Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production Value Market Share (2021-2026)
Table 45. Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production, (2021-2026) & (Units)
Table 46. Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share (2021-2026)
Table 47. World Handheld Direct Reading Spectrometer Production Value by Type, (USD Million), 2021 & 2025 & 2032
Table 48. World Handheld Direct Reading Spectrometer Production by Type (2021-2026) & (Units)
Table 49. World Handheld Direct Reading Spectrometer Production by Type (2027-2032) & (Units)
Table 50. World Handheld Direct Reading Spectrometer Production Value by Type (2021-2026) & (USD Million)
Table 51. World Handheld Direct Reading Spectrometer Production Value by Type (2027-2032) & (USD Million)
Table 52. World Handheld Direct Reading Spectrometer Average Price by Type (2021-2026) & (K US$/Unit)
Table 53. World Handheld Direct Reading Spectrometer Average Price by Type (2027-2032) & (K US$/Unit)
Table 54. World Handheld Direct Reading Spectrometer Production Value by Excitation Source Type, (USD Million), 2021 & 2025 & 2032
Table 55. World Handheld Direct Reading Spectrometer Production by Excitation Source Type (2021-2026) & (Units)
Table 56. World Handheld Direct Reading Spectrometer Production by Excitation Source Type (2027-2032) & (Units)
Table 57. World Handheld Direct Reading Spectrometer Production Value by Excitation Source Type (2021-2026) & (USD Million)
Table 58. World Handheld Direct Reading Spectrometer Production Value by Excitation Source Type (2027-2032) & (USD Million)

+357 96 030922
info@marketpublishers.com

Table 59. World Handheld Direct Reading Spectrometer Average Price by Excitation Source Type (2021-2026) & (K US$/Unit)
Table 60. World Handheld Direct Reading Spectrometer Average Price by Excitation Source Type (2027-2032) & (K US$/Unit)
Table 61. World Handheld Direct Reading Spectrometer Production Value by Instrument Weight Class, (USD Million), 2021 & 2025 & 2032
Table 62. World Handheld Direct Reading Spectrometer Production by Instrument Weight Class (2021-2026) & (Units)
Table 63. World Handheld Direct Reading Spectrometer Production by Instrument Weight Class (2027-2032) & (Units)
Table 64. World Handheld Direct Reading Spectrometer Production Value by Instrument Weight Class (2021-2026) & (USD Million)
Table 65. World Handheld Direct Reading Spectrometer Production Value by Instrument Weight Class (2027-2032) & (USD Million)
Table 66. World Handheld Direct Reading Spectrometer Average Price by Instrument Weight Class (2021-2026) & (K US$/Unit)
Table 67. World Handheld Direct Reading Spectrometer Average Price by Instrument Weight Class (2027-2032) & (K US$/Unit)
Table 68. World Handheld Direct Reading Spectrometer Production Value by Application, (USD Million), 2021 & 2025 & 2032
Table 69. World Handheld Direct Reading Spectrometer Production by Application (2021-2026) & (Units)
Table 70. World Handheld Direct Reading Spectrometer Production by Application (2027-2032) & (Units)
Table 71. World Handheld Direct Reading Spectrometer Production Value by Application (2021-2026) & (USD Million)
Table 72. World Handheld Direct Reading Spectrometer Production Value by Application (2027-2032) & (USD Million)
Table 73. World Handheld Direct Reading Spectrometer Average Price by Application (2021-2026) & (K US$/Unit)
Table 74. World Handheld Direct Reading Spectrometer Average Price by Application (2027-2032) & (K US$/Unit)
Table 75. Thermo Fisher Scientific Inc. Basic Information, Manufacturing Base and Competitors
Table 76. Thermo Fisher Scientific Inc. Major Business
Table 77. Thermo Fisher Scientific Inc. Handheld Direct Reading Spectrometer Product and Services
Table 78. Thermo Fisher Scientific Inc. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin

+357 96 030922
info@marketpublishers.com

and Market Share (2021-2026)
Table 79. Thermo Fisher Scientific Inc. Recent Developments/Updates
Table 80. Thermo Fisher Scientific Inc. Competitive Strengths & Weaknesses
Table 81. Bruker Corporation Basic Information, Manufacturing Base and Competitors
Table 82. Bruker Corporation Major Business
Table 83. Bruker Corporation Handheld Direct Reading Spectrometer Product and Services
Table 84. Bruker Corporation Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 85. Bruker Corporation Recent Developments/Updates
Table 86. Bruker Corporation Competitive Strengths & Weaknesses
Table 87. SciAps Inc. (Malvern Panalytical) Basic Information, Manufacturing Base and Competitors
Table 88. SciAps Inc. (Malvern Panalytical) Major Business
Table 89. SciAps Inc. (Malvern Panalytical) Handheld Direct Reading Spectrometer Product and Services
Table 90. SciAps Inc. (Malvern Panalytical) Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. SciAps Inc. (Malvern Panalytical) Recent Developments/Updates
Table 92. SciAps Inc. (Malvern Panalytical) Competitive Strengths & Weaknesses
Table 93. Viken Detection Basic Information, Manufacturing Base and Competitors
Table 94. Viken Detection Major Business
Table 95. Viken Detection Handheld Direct Reading Spectrometer Product and Services
Table 96. Viken Detection Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. Viken Detection Recent Developments/Updates
Table 98. Viken Detection Competitive Strengths & Weaknesses
Table 99. SPECTRO Analytical Instruments GmbH Basic Information, Manufacturing Base and Competitors
Table 100. SPECTRO Analytical Instruments GmbH Major Business
Table 101. SPECTRO Analytical Instruments GmbH Handheld Direct Reading Spectrometer Product and Services
Table 102. SPECTRO Analytical Instruments GmbH Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. SPECTRO Analytical Instruments GmbH Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 104. SPECTRO Analytical Instruments GmbH Competitive Strengths & Weaknesses
Table 105. Helmut Fischer GmbH Basic Information, Manufacturing Base and Competitors
Table 106. Helmut Fischer GmbH Major Business
Table 107. Helmut Fischer GmbH Handheld Direct Reading Spectrometer Product and Services
Table 108. Helmut Fischer GmbH Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. Helmut Fischer GmbH Recent Developments/Updates
Table 110. Helmut Fischer GmbH Competitive Strengths & Weaknesses
Table 111. Elvatech Ltd. Basic Information, Manufacturing Base and Competitors
Table 112. Elvatech Ltd. Major Business
Table 113. Elvatech Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 114. Elvatech Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 115. Elvatech Ltd. Recent Developments/Updates
Table 116. Elvatech Ltd. Competitive Strengths & Weaknesses
Table 117. ARUN Technology Ltd. Basic Information, Manufacturing Base and Competitors
Table 118. ARUN Technology Ltd. Major Business
Table 119. ARUN Technology Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 120. ARUN Technology Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. ARUN Technology Ltd. Recent Developments/Updates
Table 122. ARUN Technology Ltd. Competitive Strengths & Weaknesses
Table 123. Hitachi High-Tech Analytical Science Basic Information, Manufacturing Base and Competitors
Table 124. Hitachi High-Tech Analytical Science Major Business
Table 125. Hitachi High-Tech Analytical Science Handheld Direct Reading Spectrometer Product and Services
Table 126. Hitachi High-Tech Analytical Science Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. Hitachi High-Tech Analytical Science Recent Developments/Updates

+357 96 030922
info@marketpublishers.com

Table 128. Hitachi High-Tech Analytical Science Competitive Strengths & Weaknesses
Table 129. Evident Corporation Basic Information, Manufacturing Base and Competitors
Table 130. Evident Corporation Major Business
Table 131. Evident Corporation Handheld Direct Reading Spectrometer Product and Services
Table 132. Evident Corporation Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Evident Corporation Recent Developments/Updates
Table 134. Evident Corporation Competitive Strengths & Weaknesses
Table 135. Jiangsu Skyray Instrument Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 136. Jiangsu Skyray Instrument Co., Ltd. Major Business
Table 137. Jiangsu Skyray Instrument Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 138. Jiangsu Skyray Instrument Co., Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Jiangsu Skyray Instrument Co., Ltd. Recent Developments/Updates
Table 140. Jiangsu Skyray Instrument Co., Ltd. Competitive Strengths & Weaknesses
Table 141. Focused Photonics (Hangzhou), Inc. Basic Information, Manufacturing Base and Competitors
Table 142. Focused Photonics (Hangzhou), Inc. Major Business
Table 143. Focused Photonics (Hangzhou), Inc. Handheld Direct Reading Spectrometer Product and Services
Table 144. Focused Photonics (Hangzhou), Inc. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 145. Focused Photonics (Hangzhou), Inc. Recent Developments/Updates
Table 146. Focused Photonics (Hangzhou), Inc. Competitive Strengths & Weaknesses
Table 147. Hangzhou PuYu Technology Development Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 148. Hangzhou PuYu Technology Development Co., Ltd. Major Business
Table 149. Hangzhou PuYu Technology Development Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 150. Hangzhou PuYu Technology Development Co., Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. Hangzhou PuYu Technology Development Co., Ltd. Recent

+357 96 030922
info@marketpublishers.com

Developments/Updates
Table 152. Hangzhou PuYu Technology Development Co., Ltd. Competitive Strengths & Weaknesses
Table 153. Suzhou LANScientific Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 154. Suzhou LANScientific Co., Ltd. Major Business
Table 155. Suzhou LANScientific Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 156. Suzhou LANScientific Co., Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. Suzhou LANScientific Co., Ltd. Recent Developments/Updates
Table 158. Suzhou LANScientific Co., Ltd. Competitive Strengths & Weaknesses
Table 159. NCS Testing Technology Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 160. NCS Testing Technology Co., Ltd. Major Business
Table 161. NCS Testing Technology Co., Ltd. Handheld Direct Reading Spectrometer Product and Services
Table 162. NCS Testing Technology Co., Ltd. Handheld Direct Reading Spectrometer Production (Units), Price (K US$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. NCS Testing Technology Co., Ltd. Recent Developments/Updates
Table 164. NCS Testing Technology Co., Ltd. Competitive Strengths & Weaknesses
Table 165. Global Key Players of Handheld Direct Reading Spectrometer Upstream (Raw Materials)
Table 166. Global Handheld Direct Reading Spectrometer Typical Customers
Table 167. Handheld Direct Reading Spectrometer Typical Distributors

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

Figure 1. Handheld Direct Reading Spectrometer Picture
Figure 2. World Handheld Direct Reading Spectrometer Production Value: 2021 & 2025 & 2032, (USD Million)
Figure 3. World Handheld Direct Reading Spectrometer Production Value and Forecast (2021-2032) & (USD Million)
Figure 4. World Handheld Direct Reading Spectrometer Production (2021-2032) & (Units)
Figure 5. World Handheld Direct Reading Spectrometer Average Price (2021-2032) & (K US$/Unit)
Figure 6. World Handheld Direct Reading Spectrometer Production Value Market Share by Region (2021-2032)
Figure 7. World Handheld Direct Reading Spectrometer Production Market Share by Region (2021-2032)
Figure 8. North America Handheld Direct Reading Spectrometer Production (2021-2032) & (Units)
Figure 9. Europe Handheld Direct Reading Spectrometer Production (2021-2032) & (Units)
Figure 10. China Handheld Direct Reading Spectrometer Production (2021-2032) & (Units)
Figure 11. Japan Handheld Direct Reading Spectrometer Production (2021-2032) & (Units)
Figure 12. Handheld Direct Reading Spectrometer Market Drivers
Figure 13. Factors Affecting Demand
Figure 14. World Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 15. World Handheld Direct Reading Spectrometer Consumption Market Share by Region (2021-2032)
Figure 16. United States Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 17. China Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 18. Europe Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 19. Japan Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)

+357 96 030922
info@marketpublishers.com

Figure 20. South Korea Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 21. ASEAN Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 22. India Handheld Direct Reading Spectrometer Consumption (2021-2032) & (Units)
Figure 23. Producer Shipments of Handheld Direct Reading Spectrometer by Manufacturer Revenue ($MM) and Market Share (%): 2025
Figure 24. Global Four-firm Concentration Ratios (CR4) for Handheld Direct Reading Spectrometer Markets in 2025
Figure 25. Global Four-firm Concentration Ratios (CR8) for Handheld Direct Reading Spectrometer Markets in 2025
Figure 26. United States VS China: Handheld Direct Reading Spectrometer Production Value Market Share Comparison (2021 & 2025 & 2032)
Figure 27. United States VS China: Handheld Direct Reading Spectrometer Production Market Share Comparison (2021 & 2025 & 2032)
Figure 28. United States VS China: Handheld Direct Reading Spectrometer Consumption Market Share Comparison (2021 & 2025 & 2032)
Figure 29. United States Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share 2025
Figure 30. China Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share 2025
Figure 31. Rest of World Based Manufacturers Handheld Direct Reading Spectrometer Production Market Share 2025
Figure 32. World Handheld Direct Reading Spectrometer Production Value by Type, (USD Million), 2021 & 2025 & 2032
Figure 33. World Handheld Direct Reading Spectrometer Production Value Market Share by Type in 2025
Figure 34. Handheld XRF Direct Reading Spectrometer
Figure 35. Handheld LIBS Direct Reading Spectrometer
Figure 36. World Handheld Direct Reading Spectrometer Production Market Share by Type (2021-2032)
Figure 37. World Handheld Direct Reading Spectrometer Production Value Market Share by Type (2021-2032)
Figure 38. World Handheld Direct Reading Spectrometer Average Price by Type (2021-2032) & (K US$/Unit)
Figure 39. World Handheld Direct Reading Spectrometer Production Value by Excitation Source Type, (USD Million), 2021 & 2025 & 2032
Figure 40. World Handheld Direct Reading Spectrometer Production Value Market

+357 96 030922
info@marketpublishers.com

Share by Excitation Source Type in 2025
Figure 41. X-Ray Tube Excited Handheld Spectrometer
Figure 42. Laser Excited Handheld Spectrometer
Figure 43. Radioisotope Source Handheld Spectrometer
Figure 44. World Handheld Direct Reading Spectrometer Production Market Share by Excitation Source Type (2021-2032)
Figure 45. World Handheld Direct Reading Spectrometer Production Value Market Share by Excitation Source Type (2021-2032)
Figure 46. World Handheld Direct Reading Spectrometer Average Price by Excitation Source Type (2021-2032) & (K US$/Unit)
Figure 47. World Handheld Direct Reading Spectrometer Production Value by Instrument Weight Class, (USD Million), 2021 & 2025 & 2032
Figure 48. World Handheld Direct Reading Spectrometer Production Value Market Share by Instrument Weight Class in 2025
Figure 49. Ultra Light Handheld Spectrometer, Weight Not More Than 1.5 kg
Figure 50. Standard Handheld Spectrometer, Weight More Than 1.5 kg To 2.5 kg
Figure 51. Enhanced Handheld Spectrometer, Weight More Than 2.5 kg To 4.0 kg
Figure 52. Heavy Duty Handheld Spectrometer, Weight More Than 4.0 kg
Figure 53. World Handheld Direct Reading Spectrometer Production Market Share by Instrument Weight Class (2021-2032)
Figure 54. World Handheld Direct Reading Spectrometer Production Value Market Share by Instrument Weight Class (2021-2032)
Figure 55. World Handheld Direct Reading Spectrometer Average Price by Instrument Weight Class (2021-2032) & (K US$/Unit)
Figure 56. World Handheld Direct Reading Spectrometer Production Value by Application, (USD Million), 2021 & 2025 & 2032
Figure 57. World Handheld Direct Reading Spectrometer Production Value Market Share by Application in 2025
Figure 58. Precious Metal Detection Industrial
Figure 59. Metallurgical Industrial
Figure 60. Metal Recycling Industrial
Figure 61. Others
Figure 62. World Handheld Direct Reading Spectrometer Production Market Share by Application (2021-2032)
Figure 63. World Handheld Direct Reading Spectrometer Production Value Market Share by Application (2021-2032)
Figure 64. World Handheld Direct Reading Spectrometer Average Price by Application (2021-2032) & (K US$/Unit)
Figure 65. Handheld Direct Reading Spectrometer Industry Chain

+357 96 030922
info@marketpublishers.com

Figure 66. Handheld Direct Reading Spectrometer Procurement Model
Figure 67. Handheld Direct Reading Spectrometer Sales Model
Figure 68. Handheld Direct Reading Spectrometer Sales Channels, Direct Sales, and Distribution
Figure 69. Methodology
Figure 70. Research Process and Data Source

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Handheld Direct Reading Spectrometer Supply, Demand and Key Producers, 2026-2032

Product link: https://marketpublishers.com/r/GF6B625E46A5EN.html

Price: US$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GF6B625E46A5EN.html