

Global Handheld Microwave Spectrum Analyzer Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GC6F0017548DEN.html>

Date: August 2026

Pages: 120

Price: US\$ 4,480.00 (Single User License)

ID: GC6F0017548DEN

Abstracts

The global Handheld Microwave Spectrum Analyzer market size is expected to reach \$ 433 million by 2032, rising at a market growth of 6.4% CAGR during the forecast period (2026-2032).

A handheld microwave spectrum analyzer is a portable, ruggedized electronic instrument designed to detect, measure, and visualize the power of radio frequency (RF) and microwave signals across a broad frequency spectrum while operating in the field. Unlike bulky benchtop lab analyzers, these battery-powered units are built to withstand harsh environmental conditions while delivering high-accuracy signal analysis up to frequencies of 40 GHz, 50 GHz, or higher. Handheld spectrum analyzers excel at sweeping the airwaves to identify interference, verify signal coverage, track down rogue transmitters, and measure channel power. They play a pivotal role in the deployment and maintenance of modern wireless infrastructures, allowing field technicians and engineers to conduct over-the-air (OTA) testing on-site. By packing advanced mathematical solvers, fast digital down-converters, and crisp sunlight-readable displays into a lightweight frame, these instruments bridge the gap between complex lab-grade diagnostics and mobile, real-world field operations.

In 2025, global handheld microwave spectrum analyzer production reached approximately 20.09 k units, with an average global market price of around US\$ 13641 per unit. And global handheld microwave spectrum analyzer production capacity reached approximately 25 k units. The average gross margin in this industry reached 41.24%.

The supply chain for a handheld microwave spectrum analyzer relies on precision miniaturization and high-frequency semiconductor physics upstream, directly serving

critical telecommunications, defense, and infrastructure logistics downstream. In the upstream supply chain, hardware vendors require ultra-compact, high-frequency components that balance lab-grade accuracy with low power consumption. Key upstream suppliers include Analog Devices, which provides specialized wideband microwave mixers, synthesizers, and low-noise amplifiers (LNAs) essential for clean signal down-conversion. Additionally, device manufacturers depend on programmable logic providers like AMD Xilinx to supply low-power, high-density FPGAs that execute real-time Fast Fourier Transforms (FFTs) and digital filtering algorithms on the go. To sustain field portability, instrument builders also source high-capacity, ruggedized lithium-ion battery management systems from specialty energy vendors like Inventus Power.

Moving to the downstream supply chain, the primary buyers are organizations managing large-scale, field-deployed RF and wireless systems. Prominent downstream customers include major mobile network operators like Verizon Communications, which deploy these handheld devices to technicians mapping 5G cell site propagation and auditing millimeter-wave antennas. Furthermore, aerospace and defense contractors like Raytheon Technologies act as critical downstream buyers, purchasing the analyzers to calibrate mobile radar systems and evaluate tactical battlefield communications. Finally, national regulatory bodies and spectrum enforcement agencies, such as the U.S. Federal Communications Commission (FCC), represent vital downstream customers, utilizing the equipment to track down unauthorized frequency use, resolve cross-border interference claims, and ensure strict compliance with public wireless mandates.

This report studies the global Handheld Microwave Spectrum Analyzer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Handheld Microwave Spectrum Analyzer 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 Microwave Spectrum Analyzer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Handheld Microwave Spectrum Analyzer total production and demand, 2021-2032, (K Units)

Global Handheld Microwave Spectrum Analyzer total production value, 2021-2032, (USD Million)

Global Handheld Microwave Spectrum Analyzer production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Handheld Microwave Spectrum Analyzer consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Handheld Microwave Spectrum Analyzer domestic production, consumption, key domestic manufacturers and share

Global Handheld Microwave Spectrum Analyzer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Handheld Microwave Spectrum Analyzer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Handheld Microwave Spectrum Analyzer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Handheld Microwave Spectrum Analyzer 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 Keysight Technologies (US), Rohde & Schwarz (DE), Anritsu (JP), VIAVI Solutions (US), Tektronix (US), Bird (US), Narda Safety Test Solutions (DE), Signal Hound (US), EXFO (CA), Aaronia (DE), 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 Microwave Spectrum Analyzer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (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 Microwave Spectrum Analyzer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Handheld Microwave Spectrum Analyzer Market, Segmentation by Type:

Analysis Bandwidth 20 MHz

Analysis Bandwidth 40 MHz

Others

Global Handheld Microwave Spectrum Analyzer Market, Segmentation by Frequency Range:

9 kHz to 4 GHz

9 kHz to 20 GHz

9 kHz to 44 GHz

Others

Global Handheld Microwave Spectrum Analyzer Market, Segmentation by Phase Noise:

-105 dBc/Hz

-112 dBc/Hz

Others

Global Handheld Microwave Spectrum Analyzer Market, Segmentation by Application:

Telecommunications

Aerospace & Defense

Satellite Communications

Others

Companies Profiled:

Keysight Technologies (US)

Rohde & Schwarz (DE)

Anritsu (JP)

VIAVI Solutions (US)

Tektronix (US)

Bird (US)

Narda Safety Test Solutions (DE)

Signal Hound (US)

EXFO (CA)

Aaronia (DE)

RF Explorer (ES)

Ceyear Technologies (CN)

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

1.1 Handheld Microwave Spectrum Analyzer Introduction

1.2 World Handheld Microwave Spectrum Analyzer Supply & Forecast

1.2.1 World Handheld Microwave Spectrum Analyzer Production Value (2021 & 2025 & 2032)

1.2.2 World Handheld Microwave Spectrum Analyzer Production (2021-2032)

1.2.3 World Handheld Microwave Spectrum Analyzer Pricing Trends (2021-2032)

1.3 World Handheld Microwave Spectrum Analyzer Production by Region (Based on Production Site)

1.3.1 World Handheld Microwave Spectrum Analyzer Production Value by Region (2021-2032)

1.3.2 World Handheld Microwave Spectrum Analyzer Production by Region (2021-2032)

1.3.3 World Handheld Microwave Spectrum Analyzer Average Price by Region (2021-2032)

1.3.4 North America Handheld Microwave Spectrum Analyzer Production (2021-2032)

1.3.5 Europe Handheld Microwave Spectrum Analyzer Production (2021-2032)

1.3.6 China Handheld Microwave Spectrum Analyzer Production (2021-2032)

1.3.7 Japan Handheld Microwave Spectrum Analyzer Production (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 Handheld Microwave Spectrum Analyzer Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Handheld Microwave Spectrum Analyzer Major Market Trends

2 DEMAND SUMMARY

2.1 World Handheld Microwave Spectrum Analyzer Demand (2021-2032)

2.2 World Handheld Microwave Spectrum Analyzer Consumption by Region

2.2.1 World Handheld Microwave Spectrum Analyzer Consumption by Region (2021-2026)

2.2.2 World Handheld Microwave Spectrum Analyzer Consumption Forecast by Region (2027-2032)

2.3 United States Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.4 China Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.5 Europe Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.6 Japan Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.7 South Korea Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.8 ASEAN Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

2.9 India Handheld Microwave Spectrum Analyzer Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Handheld Microwave Spectrum Analyzer Production Value by Manufacturer (2021-2026)

3.2 World Handheld Microwave Spectrum Analyzer Production by Manufacturer (2021-2026)

3.3 World Handheld Microwave Spectrum Analyzer Average Price by Manufacturer (2021-2026)

3.4 Handheld Microwave Spectrum Analyzer Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Handheld Microwave Spectrum Analyzer Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Handheld Microwave Spectrum Analyzer in 2025

3.5.3 Global Concentration Ratios (CR8) for Handheld Microwave Spectrum Analyzer in 2025

3.6 Handheld Microwave Spectrum Analyzer Market: Overall Company Footprint Analysis

3.6.1 Handheld Microwave Spectrum Analyzer Market: Region Footprint

3.6.2 Handheld Microwave Spectrum Analyzer Market: Company Product Type Footprint

3.6.3 Handheld Microwave Spectrum Analyzer 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 Microwave Spectrum Analyzer Production Value Comparison

4.1.1 United States VS China: Handheld Microwave Spectrum Analyzer Production

Value Comparison (2021 & 2025 & 2032)

4.1.2 United States VS China: Handheld Microwave Spectrum Analyzer Production Value Market Share Comparison (2021 & 2025 & 2032)

4.2 United States VS China: Handheld Microwave Spectrum Analyzer Production Comparison

4.2.1 United States VS China: Handheld Microwave Spectrum Analyzer Production Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: Handheld Microwave Spectrum Analyzer Production Market Share Comparison (2021 & 2025 & 2032)

4.3 United States VS China: Handheld Microwave Spectrum Analyzer Consumption Comparison

4.3.1 United States VS China: Handheld Microwave Spectrum Analyzer Consumption Comparison (2021 & 2025 & 2032)

4.3.2 United States VS China: Handheld Microwave Spectrum Analyzer Consumption Market Share Comparison (2021 & 2025 & 2032)

4.4 United States Based Handheld Microwave Spectrum Analyzer Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value (2021-2026)

4.4.3 United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production (2021-2026)

4.5 China Based Handheld Microwave Spectrum Analyzer Manufacturers and Market Share

4.5.1 China Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value (2021-2026)

4.5.3 China Based Manufacturers Handheld Microwave Spectrum Analyzer Production (2021-2026)

4.6 Rest of World Based Handheld Microwave Spectrum Analyzer Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Handheld Microwave Spectrum Analyzer Market Size Overview by Type:
2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Analysis Bandwidth 20 MHz

5.2.2 Analysis Bandwidth 40 MHz

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Handheld Microwave Spectrum Analyzer Production by Type (2021-2032)

5.3.2 World Handheld Microwave Spectrum Analyzer Production Value by Type
(2021-2032)

5.3.3 World Handheld Microwave Spectrum Analyzer Average Price by Type
(2021-2032)

6 MARKET ANALYSIS BY FREQUENCY RANGE

6.1 World Handheld Microwave Spectrum Analyzer Market Size Overview by Frequency
Range: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Frequency Range

6.2.1 9 kHz to 4 GHz

6.2.2 9 kHz to 20 GHz

6.2.3 9 kHz to 44 GHz

6.2.4 Others

6.3 Market Segment by Frequency Range

6.3.1 World Handheld Microwave Spectrum Analyzer Production by Frequency Range
(2021-2032)

6.3.2 World Handheld Microwave Spectrum Analyzer Production Value by Frequency
Range (2021-2032)

6.3.3 World Handheld Microwave Spectrum Analyzer Average Price by Frequency
Range (2021-2032)

7 MARKET ANALYSIS BY PHASE NOISE

7.1 World Handheld Microwave Spectrum Analyzer Market Size Overview by Phase
Noise: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Phase Noise

7.2.1 -105 dBc/Hz

7.2.2 -112 dBc/Hz

7.2.3 Others

7.3 Market Segment by Phase Noise

7.3.1 World Handheld Microwave Spectrum Analyzer Production by Phase Noise (2021-2032)

7.3.2 World Handheld Microwave Spectrum Analyzer Production Value by Phase Noise (2021-2032)

7.3.3 World Handheld Microwave Spectrum Analyzer Average Price by Phase Noise (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Handheld Microwave Spectrum Analyzer Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Telecommunications

8.2.2 Aerospace & Defense

8.2.3 Satellite Communications

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Handheld Microwave Spectrum Analyzer Production by Application (2021-2032)

8.3.2 World Handheld Microwave Spectrum Analyzer Production Value by Application (2021-2032)

8.3.3 World Handheld Microwave Spectrum Analyzer Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Keysight Technologies (US)

9.1.1 Keysight Technologies (US) Details

9.1.2 Keysight Technologies (US) Major Business

9.1.3 Keysight Technologies (US) Handheld Microwave Spectrum Analyzer Product and Services

9.1.4 Keysight Technologies (US) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Keysight Technologies (US) Recent Developments/Updates

9.1.6 Keysight Technologies (US) Competitive Strengths & Weaknesses

9.2 Rohde & Schwarz (DE)

- 9.2.1 Rohde & Schwarz (DE) Details
- 9.2.2 Rohde & Schwarz (DE) Major Business
- 9.2.3 Rohde & Schwarz (DE) Handheld Microwave Spectrum Analyzer Product and Services
- 9.2.4 Rohde & Schwarz (DE) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.2.5 Rohde & Schwarz (DE) Recent Developments/Updates
- 9.2.6 Rohde & Schwarz (DE) Competitive Strengths & Weaknesses
- 9.3 Anritsu (JP)
 - 9.3.1 Anritsu (JP) Details
 - 9.3.2 Anritsu (JP) Major Business
 - 9.3.3 Anritsu (JP) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.3.4 Anritsu (JP) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.3.5 Anritsu (JP) Recent Developments/Updates
 - 9.3.6 Anritsu (JP) Competitive Strengths & Weaknesses
- 9.4 VIAVI Solutions (US)
 - 9.4.1 VIAVI Solutions (US) Details
 - 9.4.2 VIAVI Solutions (US) Major Business
 - 9.4.3 VIAVI Solutions (US) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.4.4 VIAVI Solutions (US) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.4.5 VIAVI Solutions (US) Recent Developments/Updates
 - 9.4.6 VIAVI Solutions (US) Competitive Strengths & Weaknesses
- 9.5 Tektronix (US)
 - 9.5.1 Tektronix (US) Details
 - 9.5.2 Tektronix (US) Major Business
 - 9.5.3 Tektronix (US) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.5.4 Tektronix (US) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Tektronix (US) Recent Developments/Updates
 - 9.5.6 Tektronix (US) Competitive Strengths & Weaknesses
- 9.6 Bird (US)
 - 9.6.1 Bird (US) Details
 - 9.6.2 Bird (US) Major Business
 - 9.6.3 Bird (US) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.6.4 Bird (US) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)

- 9.6.5 Bird (US) Recent Developments/Updates
- 9.6.6 Bird (US) Competitive Strengths & Weaknesses
- 9.7 Narda Safety Test Solutions (DE)
 - 9.7.1 Narda Safety Test Solutions (DE) Details
 - 9.7.2 Narda Safety Test Solutions (DE) Major Business
 - 9.7.3 Narda Safety Test Solutions (DE) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.7.4 Narda Safety Test Solutions (DE) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.7.5 Narda Safety Test Solutions (DE) Recent Developments/Updates
 - 9.7.6 Narda Safety Test Solutions (DE) Competitive Strengths & Weaknesses
- 9.8 Signal Hound (US)
 - 9.8.1 Signal Hound (US) Details
 - 9.8.2 Signal Hound (US) Major Business
 - 9.8.3 Signal Hound (US) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.8.4 Signal Hound (US) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Signal Hound (US) Recent Developments/Updates
 - 9.8.6 Signal Hound (US) Competitive Strengths & Weaknesses
- 9.9 EXFO (CA)
 - 9.9.1 EXFO (CA) Details
 - 9.9.2 EXFO (CA) Major Business
 - 9.9.3 EXFO (CA) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.9.4 EXFO (CA) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 EXFO (CA) Recent Developments/Updates
 - 9.9.6 EXFO (CA) Competitive Strengths & Weaknesses
- 9.10 Aaronia (DE)
 - 9.10.1 Aaronia (DE) Details
 - 9.10.2 Aaronia (DE) Major Business
 - 9.10.3 Aaronia (DE) Handheld Microwave Spectrum Analyzer Product and Services
 - 9.10.4 Aaronia (DE) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 Aaronia (DE) Recent Developments/Updates
 - 9.10.6 Aaronia (DE) Competitive Strengths & Weaknesses
- 9.11 RF Explorer (ES)
 - 9.11.1 RF Explorer (ES) Details
 - 9.11.2 RF Explorer (ES) Major Business

9.11.3 RF Explorer (ES) Handheld Microwave Spectrum Analyzer Product and Services

9.11.4 RF Explorer (ES) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.11.5 RF Explorer (ES) Recent Developments/Updates

9.11.6 RF Explorer (ES) Competitive Strengths & Weaknesses

9.12 Ceyear Technologies (CN)

9.12.1 Ceyear Technologies (CN) Details

9.12.2 Ceyear Technologies (CN) Major Business

9.12.3 Ceyear Technologies (CN) Handheld Microwave Spectrum Analyzer Product and Services

9.12.4 Ceyear Technologies (CN) Handheld Microwave Spectrum Analyzer Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.12.5 Ceyear Technologies (CN) Recent Developments/Updates

9.12.6 Ceyear Technologies (CN) Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Handheld Microwave Spectrum Analyzer Industry Chain

10.2 Handheld Microwave Spectrum Analyzer Upstream Analysis

10.2.1 Handheld Microwave Spectrum Analyzer Core Raw Materials

10.2.2 Main Manufacturers of Handheld Microwave Spectrum Analyzer Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Handheld Microwave Spectrum Analyzer Production Mode

10.6 Handheld Microwave Spectrum Analyzer Procurement Model

10.7 Handheld Microwave Spectrum Analyzer Industry Sales Model and Sales Channels

10.7.1 Handheld Microwave Spectrum Analyzer Sales Model

10.7.2 Handheld Microwave Spectrum Analyzer Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Handheld Microwave Spectrum Analyzer Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Handheld Microwave Spectrum Analyzer Production Value by Region (2021-2026) & (USD Million)

Table 3. World Handheld Microwave Spectrum Analyzer Production Value by Region (2027-2032) & (USD Million)

Table 4. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Region (2021-2026)

Table 5. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Region (2027-2032)

Table 6. World Handheld Microwave Spectrum Analyzer Production by Region (2021-2026) & (K Units)

Table 7. World Handheld Microwave Spectrum Analyzer Production by Region (2027-2032) & (K Units)

Table 8. World Handheld Microwave Spectrum Analyzer Production Market Share by Region (2021-2026)

Table 9. World Handheld Microwave Spectrum Analyzer Production Market Share by Region (2027-2032)

Table 10. World Handheld Microwave Spectrum Analyzer Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Handheld Microwave Spectrum Analyzer Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Handheld Microwave Spectrum Analyzer Major Market Trends

Table 13. World Handheld Microwave Spectrum Analyzer Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Handheld Microwave Spectrum Analyzer Consumption by Region (2021-2026) & (K Units)

Table 15. World Handheld Microwave Spectrum Analyzer Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Handheld Microwave Spectrum Analyzer Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Handheld Microwave Spectrum Analyzer Producers in 2025

Table 18. World Handheld Microwave Spectrum Analyzer Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Handheld Microwave Spectrum Analyzer Producers in 2025

Table 20. World Handheld Microwave Spectrum Analyzer Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Handheld Microwave Spectrum Analyzer Company Evaluation Quadrant

Table 22. World Handheld Microwave Spectrum Analyzer Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Handheld Microwave Spectrum Analyzer Production Site of Key Manufacturer

Table 24. Handheld Microwave Spectrum Analyzer Market: Company Product Type Footprint

Table 25. Handheld Microwave Spectrum Analyzer Market: Company Product Application Footprint

Table 26. Handheld Microwave Spectrum Analyzer Competitive Factors

Table 27. Handheld Microwave Spectrum Analyzer New Entrant and Capacity Expansion Plans

Table 28. Handheld Microwave Spectrum Analyzer Mergers & Acquisitions Activity

Table 29. United States VS China Handheld Microwave Spectrum Analyzer Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Handheld Microwave Spectrum Analyzer Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Handheld Microwave Spectrum Analyzer Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share (2021-2026)

Table 37. China Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Handheld Microwave Spectrum Analyzer

Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Handheld Microwave Spectrum Analyzer Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share (2021-2026)

Table 42. Rest of World Based Handheld Microwave Spectrum Analyzer Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share (2021-2026)

Table 47. World Handheld Microwave Spectrum Analyzer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Handheld Microwave Spectrum Analyzer Production by Type (2021-2026) & (K Units)

Table 49. World Handheld Microwave Spectrum Analyzer Production by Type (2027-2032) & (K Units)

Table 50. World Handheld Microwave Spectrum Analyzer Production Value by Type (2021-2026) & (USD Million)

Table 51. World Handheld Microwave Spectrum Analyzer Production Value by Type (2027-2032) & (USD Million)

Table 52. World Handheld Microwave Spectrum Analyzer Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Handheld Microwave Spectrum Analyzer Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Handheld Microwave Spectrum Analyzer Production Value by Frequency Range, (USD Million), 2021 & 2025 & 2032

Table 55. World Handheld Microwave Spectrum Analyzer Production by Frequency Range (2021-2026) & (K Units)

Table 56. World Handheld Microwave Spectrum Analyzer Production by Frequency Range (2027-2032) & (K Units)

Table 57. World Handheld Microwave Spectrum Analyzer Production Value by Frequency Range (2021-2026) & (USD Million)

Table 58. World Handheld Microwave Spectrum Analyzer Production Value by Frequency Range (2027-2032) & (USD Million)

Table 59. World Handheld Microwave Spectrum Analyzer Average Price by Frequency Range (2021-2026) & (US\$/Unit)

Table 60. World Handheld Microwave Spectrum Analyzer Average Price by Frequency Range (2027-2032) & (US\$/Unit)

Table 61. World Handheld Microwave Spectrum Analyzer Production Value by Phase Noise, (USD Million), 2021 & 2025 & 2032

Table 62. World Handheld Microwave Spectrum Analyzer Production by Phase Noise (2021-2026) & (K Units)

Table 63. World Handheld Microwave Spectrum Analyzer Production by Phase Noise (2027-2032) & (K Units)

Table 64. World Handheld Microwave Spectrum Analyzer Production Value by Phase Noise (2021-2026) & (USD Million)

Table 65. World Handheld Microwave Spectrum Analyzer Production Value by Phase Noise (2027-2032) & (USD Million)

Table 66. World Handheld Microwave Spectrum Analyzer Average Price by Phase Noise (2021-2026) & (US\$/Unit)

Table 67. World Handheld Microwave Spectrum Analyzer Average Price by Phase Noise (2027-2032) & (US\$/Unit)

Table 68. World Handheld Microwave Spectrum Analyzer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Handheld Microwave Spectrum Analyzer Production by Application (2021-2026) & (K Units)

Table 70. World Handheld Microwave Spectrum Analyzer Production by Application (2027-2032) & (K Units)

Table 71. World Handheld Microwave Spectrum Analyzer Production Value by Application (2021-2026) & (USD Million)

Table 72. World Handheld Microwave Spectrum Analyzer Production Value by Application (2027-2032) & (USD Million)

Table 73. World Handheld Microwave Spectrum Analyzer Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Handheld Microwave Spectrum Analyzer Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Keysight Technologies (US) Basic Information, Manufacturing Base and Competitors

Table 76. Keysight Technologies (US) Major Business

Table 77. Keysight Technologies (US) Handheld Microwave Spectrum Analyzer Product and Services

Table 78. Keysight Technologies (US) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin

and Market Share (2021-2026)

Table 79. Keysight Technologies (US) Recent Developments/Updates

Table 80. Keysight Technologies (US) Competitive Strengths & Weaknesses

Table 81. Rohde & Schwarz (DE) Basic Information, Manufacturing Base and Competitors

Table 82. Rohde & Schwarz (DE) Major Business

Table 83. Rohde & Schwarz (DE) Handheld Microwave Spectrum Analyzer Product and Services

Table 84. Rohde & Schwarz (DE) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Rohde & Schwarz (DE) Recent Developments/Updates

Table 86. Rohde & Schwarz (DE) Competitive Strengths & Weaknesses

Table 87. Anritsu (JP) Basic Information, Manufacturing Base and Competitors

Table 88. Anritsu (JP) Major Business

Table 89. Anritsu (JP) Handheld Microwave Spectrum Analyzer Product and Services

Table 90. Anritsu (JP) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Anritsu (JP) Recent Developments/Updates

Table 92. Anritsu (JP) Competitive Strengths & Weaknesses

Table 93. VIAVI Solutions (US) Basic Information, Manufacturing Base and Competitors

Table 94. VIAVI Solutions (US) Major Business

Table 95. VIAVI Solutions (US) Handheld Microwave Spectrum Analyzer Product and Services

Table 96. VIAVI Solutions (US) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. VIAVI Solutions (US) Recent Developments/Updates

Table 98. VIAVI Solutions (US) Competitive Strengths & Weaknesses

Table 99. Tektronix (US) Basic Information, Manufacturing Base and Competitors

Table 100. Tektronix (US) Major Business

Table 101. Tektronix (US) Handheld Microwave Spectrum Analyzer Product and Services

Table 102. Tektronix (US) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 103. Tektronix (US) Recent Developments/Updates

Table 104. Tektronix (US) Competitive Strengths & Weaknesses

Table 105. Bird (US) Basic Information, Manufacturing Base and Competitors

Table 106. Bird (US) Major Business

Table 107. Bird (US) Handheld Microwave Spectrum Analyzer Product and Services

Table 108. Bird (US) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 109. Bird (US) Recent Developments/Updates

Table 110. Bird (US) Competitive Strengths & Weaknesses

Table 111. Narda Safety Test Solutions (DE) Basic Information, Manufacturing Base and Competitors

Table 112. Narda Safety Test Solutions (DE) Major Business

Table 113. Narda Safety Test Solutions (DE) Handheld Microwave Spectrum Analyzer Product and Services

Table 114. Narda Safety Test Solutions (DE) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. Narda Safety Test Solutions (DE) Recent Developments/Updates

Table 116. Narda Safety Test Solutions (DE) Competitive Strengths & Weaknesses

Table 117. Signal Hound (US) Basic Information, Manufacturing Base and Competitors

Table 118. Signal Hound (US) Major Business

Table 119. Signal Hound (US) Handheld Microwave Spectrum Analyzer Product and Services

Table 120. Signal Hound (US) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 121. Signal Hound (US) Recent Developments/Updates

Table 122. Signal Hound (US) Competitive Strengths & Weaknesses

Table 123. EXFO (CA) Basic Information, Manufacturing Base and Competitors

Table 124. EXFO (CA) Major Business

Table 125. EXFO (CA) Handheld Microwave Spectrum Analyzer Product and Services

Table 126. EXFO (CA) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 127. EXFO (CA) Recent Developments/Updates

Table 128. EXFO (CA) Competitive Strengths & Weaknesses

Table 129. Aaronia (DE) Basic Information, Manufacturing Base and Competitors

Table 130. Aaronia (DE) Major Business

Table 131. Aaronia (DE) Handheld Microwave Spectrum Analyzer Product and Services

Table 132. Aaronia (DE) Handheld Microwave Spectrum Analyzer Production (K Units),

Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. Aaronia (DE) Recent Developments/Updates

Table 134. Aaronia (DE) Competitive Strengths & Weaknesses

Table 135. RF Explorer (ES) Basic Information, Manufacturing Base and Competitors

Table 136. RF Explorer (ES) Major Business

Table 137. RF Explorer (ES) Handheld Microwave Spectrum Analyzer Product and Services

Table 138. RF Explorer (ES) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. RF Explorer (ES) Recent Developments/Updates

Table 140. RF Explorer (ES) Competitive Strengths & Weaknesses

Table 141. Ceyear Technologies (CN) Basic Information, Manufacturing Base and Competitors

Table 142. Ceyear Technologies (CN) Major Business

Table 143. Ceyear Technologies (CN) Handheld Microwave Spectrum Analyzer Product and Services

Table 144. Ceyear Technologies (CN) Handheld Microwave Spectrum Analyzer Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. Ceyear Technologies (CN) Recent Developments/Updates

Table 146. Ceyear Technologies (CN) Competitive Strengths & Weaknesses

Table 147. Global Key Players of Handheld Microwave Spectrum Analyzer Upstream (Raw Materials)

Table 148. Global Handheld Microwave Spectrum Analyzer Typical Customers

Table 149. Handheld Microwave Spectrum Analyzer Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Handheld Microwave Spectrum Analyzer Picture

Figure 2. World Handheld Microwave Spectrum Analyzer Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Handheld Microwave Spectrum Analyzer Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Handheld Microwave Spectrum Analyzer Production (2021-2032) & (K Units)

Figure 5. World Handheld Microwave Spectrum Analyzer Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Region (2021-2032)

Figure 7. World Handheld Microwave Spectrum Analyzer Production Market Share by Region (2021-2032)

Figure 8. North America Handheld Microwave Spectrum Analyzer Production (2021-2032) & (K Units)

Figure 9. Europe Handheld Microwave Spectrum Analyzer Production (2021-2032) & (K Units)

Figure 10. China Handheld Microwave Spectrum Analyzer Production (2021-2032) & (K Units)

Figure 11. Japan Handheld Microwave Spectrum Analyzer Production (2021-2032) & (K Units)

Figure 12. Handheld Microwave Spectrum Analyzer Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 15. World Handheld Microwave Spectrum Analyzer Consumption Market Share by Region (2021-2032)

Figure 16. United States Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 17. China Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 18. Europe Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 19. Japan Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 20. South Korea Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 22. India Handheld Microwave Spectrum Analyzer Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Handheld Microwave Spectrum Analyzer by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Handheld Microwave Spectrum Analyzer Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Handheld Microwave Spectrum Analyzer Markets in 2025

Figure 26. United States VS China: Handheld Microwave Spectrum Analyzer Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Handheld Microwave Spectrum Analyzer Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Handheld Microwave Spectrum Analyzer Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share 2025

Figure 30. China Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Handheld Microwave Spectrum Analyzer Production Market Share 2025

Figure 32. World Handheld Microwave Spectrum Analyzer Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Type in 2025

Figure 34. Analysis Bandwidth 20 MHz

Figure 35. Analysis Bandwidth 40 MHz

Figure 36. Others

Figure 37. World Handheld Microwave Spectrum Analyzer Production Market Share by Type (2021-2032)

Figure 38. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Type (2021-2032)

Figure 39. World Handheld Microwave Spectrum Analyzer Average Price by Type (2021-2032) & (US\$/Unit)

Figure 40. World Handheld Microwave Spectrum Analyzer Production Value by Frequency Range, (USD Million), 2021 & 2025 & 2032

Figure 41. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Frequency Range in 2025

Figure 42. 9 kHz to 4 GHz

Figure 43. 9 kHz to 20 GHz

Figure 44. 9 kHz to 44 GHz

Figure 45. Others

Figure 46. World Handheld Microwave Spectrum Analyzer Production Market Share by Frequency Range (2021-2032)

Figure 47. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Frequency Range (2021-2032)

Figure 48. World Handheld Microwave Spectrum Analyzer Average Price by Frequency Range (2021-2032) & (US\$/Unit)

Figure 49. World Handheld Microwave Spectrum Analyzer Production Value by Phase Noise, (USD Million), 2021 & 2025 & 2032

Figure 50. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Phase Noise in 2025

Figure 51. -105 dBc/Hz

Figure 52. -112 dBc/Hz

Figure 53. Others

Figure 54. World Handheld Microwave Spectrum Analyzer Production Market Share by Phase Noise (2021-2032)

Figure 55. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Phase Noise (2021-2032)

Figure 56. World Handheld Microwave Spectrum Analyzer Average Price by Phase Noise (2021-2032) & (US\$/Unit)

Figure 57. World Handheld Microwave Spectrum Analyzer Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Application in 2025

Figure 59. Telecommunications

Figure 60. Aerospace & Defense

Figure 61. Satellite Communications

Figure 62. Others

Figure 63. World Handheld Microwave Spectrum Analyzer Production Market Share by Application (2021-2032)

Figure 64. World Handheld Microwave Spectrum Analyzer Production Value Market Share by Application (2021-2032)

Figure 65. World Handheld Microwave Spectrum Analyzer Average Price by Application (2021-2032) & (US\$/Unit)

Figure 66. Handheld Microwave Spectrum Analyzer Industry Chain

Figure 67. Handheld Microwave Spectrum Analyzer Procurement Model

Figure 68. Handheld Microwave Spectrum Analyzer Sales Model

Figure 69. Handheld Microwave Spectrum Analyzer Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Handheld Microwave Spectrum Analyzer Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GC6F0017548DEN.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/GC6F0017548DEN.html>