

AFM-Raman Market - Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/A307FEBC56DEEN.html>

Date: January 2022

Pages: 70

Price: US\$ 3,250.00 (Single User License)

ID: A307FEBC56DEEN

Abstracts

This report contains market size and forecasts of AFM-Raman in global, including the following market information:

Global AFM-Raman Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global AFM-Raman Market Sales, 2017-2022, 2023-2028, (Units)

Global top five AFM-Raman companies in 2021 (%)

The global AFM-Raman market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Spectral Resolution 70.5cm⁻¹ Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of AFM-Raman include Horiba, Nanonics Imaging, Bruker, Renishaw, WITec and Agilent Technologies, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the AFM-Raman manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global AFM-Raman Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global AFM-Raman Market Segment Percentages, by Type, 2021 (%)

Spectral Resolution $\geq 0.5\text{cm}^{-1}$

Spectral Resolution $\geq 1\text{cm}^{-1}$

Global AFM-Raman Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global AFM-Raman Market Segment Percentages, by Application, 2021 (%)

Physical

Chemical

Global AFM-Raman Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (Units)

Global AFM-Raman Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies AFM-Raman revenues in global market, 2017-2022 (Estimated), (\$ millions)

Key companies AFM-Raman revenues share in global market, 2021 (%)

Key companies AFM-Raman sales in global market, 2017-2022 (Estimated), (Units)

Key companies AFM-Raman sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Horiba

Nanonics Imaging

Bruker

Renishaw

WITec

Agilent Technologies

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 AFM-Raman Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global AFM-Raman Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL AFM-RAMAN OVERALL MARKET SIZE

- 2.1 Global AFM-Raman Market Size: 2021 VS 2028
- 2.2 Global AFM-Raman Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global AFM-Raman Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top AFM-Raman Players in Global Market
- 3.2 Top Global AFM-Raman Companies Ranked by Revenue
- 3.3 Global AFM-Raman Revenue by Companies
- 3.4 Global AFM-Raman Sales by Companies
- 3.5 Global AFM-Raman Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 AFM-Raman Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers AFM-Raman Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 AFM-Raman Players in Global Market
 - 3.8.1 List of Global Tier 1 AFM-Raman Companies
 - 3.8.2 List of Global Tier 2 and Tier 3 AFM-Raman Companies

4 SIGHTS BY PRODUCT

- 4.1 Overview
 - 4.1.1 By Type - Global AFM-Raman Market Size Markets, 2021 & 2028

- 4.1.2 Spectral Resolution $\geq 0.5\text{cm}^{-1}$
- 4.1.3 Spectral Resolution $\geq 1\text{cm}^{-1}$
- 4.2 By Type - Global AFM-Raman Revenue & Forecasts
 - 4.2.1 By Type - Global AFM-Raman Revenue, 2017-2022
 - 4.2.2 By Type - Global AFM-Raman Revenue, 2023-2028
 - 4.2.3 By Type - Global AFM-Raman Revenue Market Share, 2017-2028
- 4.3 By Type - Global AFM-Raman Sales & Forecasts
 - 4.3.1 By Type - Global AFM-Raman Sales, 2017-2022
 - 4.3.2 By Type - Global AFM-Raman Sales, 2023-2028
 - 4.3.3 By Type - Global AFM-Raman Sales Market Share, 2017-2028
- 4.4 By Type - Global AFM-Raman Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

- 5.1 Overview
 - 5.1.1 By Application - Global AFM-Raman Market Size, 2021 & 2028
 - 5.1.2 Physical
 - 5.1.3 Chemical
- 5.2 By Application - Global AFM-Raman Revenue & Forecasts
 - 5.2.1 By Application - Global AFM-Raman Revenue, 2017-2022
 - 5.2.2 By Application - Global AFM-Raman Revenue, 2023-2028
 - 5.2.3 By Application - Global AFM-Raman Revenue Market Share, 2017-2028
- 5.3 By Application - Global AFM-Raman Sales & Forecasts
 - 5.3.1 By Application - Global AFM-Raman Sales, 2017-2022
 - 5.3.2 By Application - Global AFM-Raman Sales, 2023-2028
 - 5.3.3 By Application - Global AFM-Raman Sales Market Share, 2017-2028
- 5.4 By Application - Global AFM-Raman Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

- 6.1 By Region - Global AFM-Raman Market Size, 2021 & 2028
- 6.2 By Region - Global AFM-Raman Revenue & Forecasts
 - 6.2.1 By Region - Global AFM-Raman Revenue, 2017-2022
 - 6.2.2 By Region - Global AFM-Raman Revenue, 2023-2028
 - 6.2.3 By Region - Global AFM-Raman Revenue Market Share, 2017-2028
- 6.3 By Region - Global AFM-Raman Sales & Forecasts
 - 6.3.1 By Region - Global AFM-Raman Sales, 2017-2022
 - 6.3.2 By Region - Global AFM-Raman Sales, 2023-2028

6.3.3 By Region - Global AFM-Raman Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America AFM-Raman Revenue, 2017-2028

6.4.2 By Country - North America AFM-Raman Sales, 2017-2028

6.4.3 US AFM-Raman Market Size, 2017-2028

6.4.4 Canada AFM-Raman Market Size, 2017-2028

6.4.5 Mexico AFM-Raman Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe AFM-Raman Revenue, 2017-2028

6.5.2 By Country - Europe AFM-Raman Sales, 2017-2028

6.5.3 Germany AFM-Raman Market Size, 2017-2028

6.5.4 France AFM-Raman Market Size, 2017-2028

6.5.5 U.K. AFM-Raman Market Size, 2017-2028

6.5.6 Italy AFM-Raman Market Size, 2017-2028

6.5.7 Russia AFM-Raman Market Size, 2017-2028

6.5.8 Nordic Countries AFM-Raman Market Size, 2017-2028

6.5.9 Benelux AFM-Raman Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia AFM-Raman Revenue, 2017-2028

6.6.2 By Region - Asia AFM-Raman Sales, 2017-2028

6.6.3 China AFM-Raman Market Size, 2017-2028

6.6.4 Japan AFM-Raman Market Size, 2017-2028

6.6.5 South Korea AFM-Raman Market Size, 2017-2028

6.6.6 Southeast Asia AFM-Raman Market Size, 2017-2028

6.6.7 India AFM-Raman Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America AFM-Raman Revenue, 2017-2028

6.7.2 By Country - South America AFM-Raman Sales, 2017-2028

6.7.3 Brazil AFM-Raman Market Size, 2017-2028

6.7.4 Argentina AFM-Raman Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa AFM-Raman Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa AFM-Raman Sales, 2017-2028

6.8.3 Turkey AFM-Raman Market Size, 2017-2028

6.8.4 Israel AFM-Raman Market Size, 2017-2028

6.8.5 Saudi Arabia AFM-Raman Market Size, 2017-2028

6.8.6 UAE AFM-Raman Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Horiba

7.1.1 Horiba Corporate Summary

7.1.2 Horiba Business Overview

7.1.3 Horiba AFM-Raman Major Product Offerings

7.1.4 Horiba AFM-Raman Sales and Revenue in Global (2017-2022)

7.1.5 Horiba Key News

7.2 Nanonics Imaging

7.2.1 Nanonics Imaging Corporate Summary

7.2.2 Nanonics Imaging Business Overview

7.2.3 Nanonics Imaging AFM-Raman Major Product Offerings

7.2.4 Nanonics Imaging AFM-Raman Sales and Revenue in Global (2017-2022)

7.2.5 Nanonics Imaging Key News

7.3 Bruker

7.3.1 Bruker Corporate Summary

7.3.2 Bruker Business Overview

7.3.3 Bruker AFM-Raman Major Product Offerings

7.3.4 Bruker AFM-Raman Sales and Revenue in Global (2017-2022)

7.3.5 Bruker Key News

7.4 Renishaw

7.4.1 Renishaw Corporate Summary

7.4.2 Renishaw Business Overview

7.4.3 Renishaw AFM-Raman Major Product Offerings

7.4.4 Renishaw AFM-Raman Sales and Revenue in Global (2017-2022)

7.4.5 Renishaw Key News

7.5 WITec

7.5.1 WITec Corporate Summary

7.5.2 WITec Business Overview

7.5.3 WITec AFM-Raman Major Product Offerings

7.5.4 WITec AFM-Raman Sales and Revenue in Global (2017-2022)

7.5.5 WITec Key News

7.6 Agilent Technologies

7.6.1 Agilent Technologies Corporate Summary

7.6.2 Agilent Technologies Business Overview

7.6.3 Agilent Technologies AFM-Raman Major Product Offerings

7.6.4 Agilent Technologies AFM-Raman Sales and Revenue in Global (2017-2022)

7.6.5 Agilent Technologies Key News

8 GLOBAL AFM-RAMAN PRODUCTION CAPACITY, ANALYSIS

8.1 Global AFM-Raman Production Capacity, 2017-2028

8.2 AFM-Raman Production Capacity of Key Manufacturers in Global Market

8.3 Global AFM-Raman Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 AFM-RAMAN SUPPLY CHAIN ANALYSIS

10.1 AFM-Raman Industry Value Chain

10.2 AFM-Raman Upstream Market

10.3 AFM-Raman Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 AFM-Raman Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Key Players of AFM-Raman in Global Market
- Table 2. Top AFM-Raman Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global AFM-Raman Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global AFM-Raman Revenue Share by Companies, 2017-2022
- Table 5. Global AFM-Raman Sales by Companies, (Units), 2017-2022
- Table 6. Global AFM-Raman Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers AFM-Raman Price (2017-2022) & (K USD/Unit)
- Table 8. Global Manufacturers AFM-Raman Product Type
- Table 9. List of Global Tier 1 AFM-Raman Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 AFM-Raman Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type – Global AFM-Raman Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type - Global AFM-Raman Revenue (US\$, Mn), 2017-2022
- Table 13. By Type - Global AFM-Raman Revenue (US\$, Mn), 2023-2028
- Table 14. By Type - Global AFM-Raman Sales (Units), 2017-2022
- Table 15. By Type - Global AFM-Raman Sales (Units), 2023-2028
- Table 16. By Application – Global AFM-Raman Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application - Global AFM-Raman Revenue (US\$, Mn), 2017-2022
- Table 18. By Application - Global AFM-Raman Revenue (US\$, Mn), 2023-2028
- Table 19. By Application - Global AFM-Raman Sales (Units), 2017-2022
- Table 20. By Application - Global AFM-Raman Sales (Units), 2023-2028
- Table 21. By Region – Global AFM-Raman Revenue, (US\$, Mn), 2021 VS 2028
- Table 22. By Region - Global AFM-Raman Revenue (US\$, Mn), 2017-2022
- Table 23. By Region - Global AFM-Raman Revenue (US\$, Mn), 2023-2028
- Table 24. By Region - Global AFM-Raman Sales (Units), 2017-2022
- Table 25. By Region - Global AFM-Raman Sales (Units), 2023-2028
- Table 26. By Country - North America AFM-Raman Revenue, (US\$, Mn), 2017-2022
- Table 27. By Country - North America AFM-Raman Revenue, (US\$, Mn), 2023-2028
- Table 28. By Country - North America AFM-Raman Sales, (Units), 2017-2022
- Table 29. By Country - North America AFM-Raman Sales, (Units), 2023-2028
- Table 30. By Country - Europe AFM-Raman Revenue, (US\$, Mn), 2017-2022
- Table 31. By Country - Europe AFM-Raman Revenue, (US\$, Mn), 2023-2028
- Table 32. By Country - Europe AFM-Raman Sales, (Units), 2017-2022
- Table 33. By Country - Europe AFM-Raman Sales, (Units), 2023-2028

Table 34. By Region - Asia AFM-Raman Revenue, (US\$, Mn), 2017-2022
Table 35. By Region - Asia AFM-Raman Revenue, (US\$, Mn), 2023-2028
Table 36. By Region - Asia AFM-Raman Sales, (Units), 2017-2022
Table 37. By Region - Asia AFM-Raman Sales, (Units), 2023-2028
Table 38. By Country - South America AFM-Raman Revenue, (US\$, Mn), 2017-2022
Table 39. By Country - South America AFM-Raman Revenue, (US\$, Mn), 2023-2028
Table 40. By Country - South America AFM-Raman Sales, (Units), 2017-2022
Table 41. By Country - South America AFM-Raman Sales, (Units), 2023-2028
Table 42. By Country - Middle East & Africa AFM-Raman Revenue, (US\$, Mn), 2017-2022
Table 43. By Country - Middle East & Africa AFM-Raman Revenue, (US\$, Mn), 2023-2028
Table 44. By Country - Middle East & Africa AFM-Raman Sales, (Units), 2017-2022
Table 45. By Country - Middle East & Africa AFM-Raman Sales, (Units), 2023-2028
Table 46. Horiba Corporate Summary
Table 47. Horiba AFM-Raman Product Offerings
Table 48. Horiba AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 49. Nanonics Imaging Corporate Summary
Table 50. Nanonics Imaging AFM-Raman Product Offerings
Table 51. Nanonics Imaging AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 52. Bruker Corporate Summary
Table 53. Bruker AFM-Raman Product Offerings
Table 54. Bruker AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 55. Renishaw Corporate Summary
Table 56. Renishaw AFM-Raman Product Offerings
Table 57. Renishaw AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 58. WITec Corporate Summary
Table 59. WITec AFM-Raman Product Offerings
Table 60. WITec AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 61. Agilent Technologies Corporate Summary
Table 62. Agilent Technologies AFM-Raman Product Offerings
Table 63. Agilent Technologies AFM-Raman Sales (Units), Revenue (US\$, Mn) and Average Price (K USD/Unit) (2017-2022)
Table 64. AFM-Raman Production Capacity (Units) of Key Manufacturers in Global

Market, 2020-2022 (Units)

Table 65. Global AFM-Raman Capacity Market Share of Key Manufacturers, 2020-2022

Table 66. Global AFM-Raman Production by Region, 2017-2022 (Units)

Table 67. Global AFM-Raman Production by Region, 2023-2028 (Units)

Table 68. AFM-Raman Market Opportunities & Trends in Global Market

Table 69. AFM-Raman Market Drivers in Global Market

Table 70. AFM-Raman Market Restraints in Global Market

Table 71. AFM-Raman Raw Materials

Table 72. AFM-Raman Raw Materials Suppliers in Global Market

Table 73. Typical AFM-Raman Downstream

Table 74. AFM-Raman Downstream Clients in Global Market

Table 75. AFM-Raman Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. AFM-Raman Segment by Type
- Figure 2. AFM-Raman Segment by Application
- Figure 3. Global AFM-Raman Market Overview: 2020
- Figure 4. Key Caveats
- Figure 5. Global AFM-Raman Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global AFM-Raman Revenue, 2017-2028 (US\$, Mn)
- Figure 7. AFM-Raman Sales in Global Market: 2017-2028 (Units)
- Figure 8. The Top 3 and 5 Players Market Share by AFM-Raman Revenue in 2021
- Figure 9. By Type - Global AFM-Raman Sales Market Share, 2017-2028
- Figure 10. By Type - Global AFM-Raman Revenue Market Share, 2017-2028
- Figure 11. By Type - Global AFM-Raman Price (K USD/Unit), 2017-2028
- Figure 12. By Application - Global AFM-Raman Sales Market Share, 2017-2028
- Figure 13. By Application - Global AFM-Raman Revenue Market Share, 2017-2028
- Figure 14. By Application - Global AFM-Raman Price (K USD/Unit), 2017-2028
- Figure 15. By Region - Global AFM-Raman Sales Market Share, 2017-2028
- Figure 16. By Region - Global AFM-Raman Revenue Market Share, 2017-2028
- Figure 17. By Country - North America AFM-Raman Revenue Market Share, 2017-2028
- Figure 18. By Country - North America AFM-Raman Sales Market Share, 2017-2028
- Figure 19. US AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country - Europe AFM-Raman Revenue Market Share, 2017-2028
- Figure 23. By Country - Europe AFM-Raman Sales Market Share, 2017-2028
- Figure 24. Germany AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 25. France AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region - Asia AFM-Raman Revenue Market Share, 2017-2028
- Figure 32. By Region - Asia AFM-Raman Sales Market Share, 2017-2028
- Figure 33. China AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea AFM-Raman Revenue, (US\$, Mn), 2017-2028

- Figure 36. Southeast Asia AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 37. India AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country - South America AFM-Raman Revenue Market Share, 2017-2028
- Figure 39. By Country - South America AFM-Raman Sales Market Share, 2017-2028
- Figure 40. Brazil AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country - Middle East & Africa AFM-Raman Revenue Market Share, 2017-2028
- Figure 43. By Country - Middle East & Africa AFM-Raman Sales Market Share, 2017-2028
- Figure 44. Turkey AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE AFM-Raman Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global AFM-Raman Production Capacity (Units), 2017-2028
- Figure 49. The Percentage of Production AFM-Raman by Region, 2020 VS 2027
- Figure 50. AFM-Raman Industry Value Chain
- Figure 51. Marketing Channels

I would like to order

Product name: AFM-Raman Market - Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/A307FEBC56DEEN.html>

Price: US\$ 3,250.00 (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/A307FEBC56DEEN.html>