

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

https://marketpublishers.com/r/R00547A16B63EN.html

Date: April 2022

Pages: 75

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

ID: R00547A16B63EN

#### **Abstracts**

Raman-AFM is a synergistic tool that can simultaneously determine a sample's topography and chemical signature.

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

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

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

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

The global Raman-AFM 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.

Atomic Force Microscopy Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Raman-AFM include Bruker, Renishaw, Park Systems and HORIBA, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Raman-AFM



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

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

Atomic Force Microscopy

Raman Spectrum

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

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

Material Science

Biology

Others

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

Global Raman-AFM 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 Raman-AFM revenues in global market, 2017-2022 (Estimated), (\$ millions) Key companies Raman-AFM revenues share in global market, 2021 (%) Key companies Raman-AFM sales in global market, 2017-2022 (Estimated), (K Units) Key companies Raman-AFM sales share in global market, 2021 (%) Further, the report presents profiles of competitors in the market, key players include: Bruker Renishaw Park Systems

**HORIBA** 



#### **Contents**

#### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Raman-AFM Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Raman-AFM 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 RAMAN-AFM OVERALL MARKET SIZE

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

#### **3 COMPANY LANDSCAPE**

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

#### **4 SIGHTS BY PRODUCT**

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



- 4.1.2 Atomic Force Microscopy
- 4.1.3 Raman Spectrum
- 4.2 By Type Global Raman-AFM Revenue & Forecasts
  - 4.2.1 By Type Global Raman-AFM Revenue, 2017-2022
  - 4.2.2 By Type Global Raman-AFM Revenue, 2023-2028
  - 4.2.3 By Type Global Raman-AFM Revenue Market Share, 2017-2028
- 4.3 By Type Global Raman-AFM Sales & Forecasts
  - 4.3.1 By Type Global Raman-AFM Sales, 2017-2022
  - 4.3.2 By Type Global Raman-AFM Sales, 2023-2028
  - 4.3.3 By Type Global Raman-AFM Sales Market Share, 2017-2028
- 4.4 By Type Global Raman-AFM Price (Manufacturers Selling Prices), 2017-2028

#### **5 SIGHTS BY APPLICATION**

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

#### **6 SIGHTS BY REGION**

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



- 6.3.2 By Region Global Raman-AFM Sales, 2023-2028
- 6.3.3 By Region Global Raman-AFM Sales Market Share, 2017-2028

#### 6.4 North America

- 6.4.1 By Country North America Raman-AFM Revenue, 2017-2028
- 6.4.2 By Country North America Raman-AFM Sales, 2017-2028
- 6.4.3 US Raman-AFM Market Size, 2017-2028
- 6.4.4 Canada Raman-AFM Market Size, 2017-2028
- 6.4.5 Mexico Raman-AFM Market Size, 2017-2028

#### 6.5 Europe

- 6.5.1 By Country Europe Raman-AFM Revenue, 2017-2028
- 6.5.2 By Country Europe Raman-AFM Sales, 2017-2028
- 6.5.3 Germany Raman-AFM Market Size, 2017-2028
- 6.5.4 France Raman-AFM Market Size, 2017-2028
- 6.5.5 U.K. Raman-AFM Market Size, 2017-2028
- 6.5.6 Italy Raman-AFM Market Size, 2017-2028
- 6.5.7 Russia Raman-AFM Market Size, 2017-2028
- 6.5.8 Nordic Countries Raman-AFM Market Size, 2017-2028
- 6.5.9 Benelux Raman-AFM Market Size, 2017-2028

#### 6.6 Asia

- 6.6.1 By Region Asia Raman-AFM Revenue, 2017-2028
- 6.6.2 By Region Asia Raman-AFM Sales, 2017-2028
- 6.6.3 China Raman-AFM Market Size, 2017-2028
- 6.6.4 Japan Raman-AFM Market Size, 2017-2028
- 6.6.5 South Korea Raman-AFM Market Size, 2017-2028
- 6.6.6 Southeast Asia Raman-AFM Market Size, 2017-2028
- 6.6.7 India Raman-AFM Market Size, 2017-2028

#### 6.7 South America

- 6.7.1 By Country South America Raman-AFM Revenue, 2017-2028
- 6.7.2 By Country South America Raman-AFM Sales, 2017-2028
- 6.7.3 Brazil Raman-AFM Market Size, 2017-2028
- 6.7.4 Argentina Raman-AFM Market Size, 2017-2028

#### 6.8 Middle East & Africa

- 6.8.1 By Country Middle East & Africa Raman-AFM Revenue, 2017-2028
- 6.8.2 By Country Middle East & Africa Raman-AFM Sales, 2017-2028
- 6.8.3 Turkey Raman-AFM Market Size, 2017-2028
- 6.8.4 Israel Raman-AFM Market Size, 2017-2028
- 6.8.5 Saudi Arabia Raman-AFM Market Size, 2017-2028
- 6.8.6 UAE Raman-AFM Market Size, 2017-2028



#### **7 MANUFACTURERS & BRANDS PROFILES**

#### 7.1 Bruker

- 7.1.1 Bruker Corporate Summary
- 7.1.2 Bruker Business Overview
- 7.1.3 Bruker Raman-AFM Major Product Offerings
- 7.1.4 Bruker Raman-AFM Sales and Revenue in Global (2017-2022)
- 7.1.5 Bruker Key News

#### 7.2 Renishaw

- 7.2.1 Renishaw Corporate Summary
- 7.2.2 Renishaw Business Overview
- 7.2.3 Renishaw Raman-AFM Major Product Offerings
- 7.2.4 Renishaw Raman-AFM Sales and Revenue in Global (2017-2022)
- 7.2.5 Renishaw Key News

#### 7.3 Park Systems

- 7.3.1 Park Systems Corporate Summary
- 7.3.2 Park Systems Business Overview
- 7.3.3 Park Systems Raman-AFM Major Product Offerings
- 7.3.4 Park Systems Raman-AFM Sales and Revenue in Global (2017-2022)
- 7.3.5 Park Systems Key News

#### 7.4 HORIBA

- 7.4.1 HORIBA Corporate Summary
- 7.4.2 HORIBA Business Overview
- 7.4.3 HORIBA Raman-AFM Major Product Offerings
- 7.4.4 HORIBA Raman-AFM Sales and Revenue in Global (2017-2022)
- 7.4.5 HORIBA Key News

#### 8 GLOBAL RAMAN-AFM PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Raman-AFM Production Capacity, 2017-2028
- 8.2 Raman-AFM Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Raman-AFM 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 RAMAN-AFM SUPPLY CHAIN ANALYSIS

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



- Table 34. By Region Asia Raman-AFM Revenue, (US\$, Mn), 2017-2022
- Table 35. By Region Asia Raman-AFM Revenue, (US\$, Mn), 2023-2028
- Table 36. By Region Asia Raman-AFM Sales, (K Units), 2017-2022
- Table 37. By Region Asia Raman-AFM Sales, (K Units), 2023-2028
- Table 38. By Country South America Raman-AFM Revenue, (US\$, Mn), 2017-2022
- Table 39. By Country South America Raman-AFM Revenue, (US\$, Mn), 2023-2028
- Table 40. By Country South America Raman-AFM Sales, (K Units), 2017-2022
- Table 41. By Country South America Raman-AFM Sales, (K Units), 2023-2028
- Table 42. By Country Middle East & Africa Raman-AFM Revenue, (US\$, Mn), 2017-2022
- Table 43. By Country Middle East & Africa Raman-AFM Revenue, (US\$, Mn), 2023-2028
- Table 44. By Country Middle East & Africa Raman-AFM Sales, (K Units), 2017-2022
- Table 45. By Country Middle East & Africa Raman-AFM Sales, (K Units), 2023-2028
- Table 46. Bruker Corporate Summary
- Table 47. Bruker Raman-AFM Product Offerings
- Table 48. Bruker Raman-AFM Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 49. Renishaw Corporate Summary
- Table 50. Renishaw Raman-AFM Product Offerings
- Table 51. Renishaw Raman-AFM Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 52. Park Systems Corporate Summary
- Table 53. Park Systems Raman-AFM Product Offerings
- Table 54. Park Systems Raman-AFM Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 55. HORIBA Corporate Summary
- Table 56. HORIBA Raman-AFM Product Offerings
- Table 57. HORIBA Raman-AFM Sales (K Units), Revenue (US\$, Mn) and Average Price (USD/Unit) (2017-2022)
- Table 58. Raman-AFM Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)
- Table 59. Global Raman-AFM Capacity Market Share of Key Manufacturers, 2020-2022
- Table 60. Global Raman-AFM Production by Region, 2017-2022 (K Units)
- Table 61. Global Raman-AFM Production by Region, 2023-2028 (K Units)
- Table 62. Raman-AFM Market Opportunities & Trends in Global Market
- Table 63. Raman-AFM Market Drivers in Global Market
- Table 64. Raman-AFM Market Restraints in Global Market
- Table 65. Raman-AFM Raw Materials



Table 66. Raman-AFM Raw Materials Suppliers in Global Market

Table 67. Typical Raman-AFM Downstream

Table 68. Raman-AFM Downstream Clients in Global Market

Table 69. Raman-AFM Distributors and Sales Agents in Global Market



### **List Of Figures**

#### **LIST OF FIGURES**

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



- Figure 36. Southeast Asia Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country South America Raman-AFM Revenue Market Share, 2017-2028
- Figure 39. By Country South America Raman-AFM Sales Market Share, 2017-2028
- Figure 40. Brazil Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country Middle East & Africa Raman-AFM Revenue Market Share, 2017-2028
- Figure 43. By Country Middle East & Africa Raman-AFM Sales Market Share, 2017-2028
- Figure 44. Turkey Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Raman-AFM Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Raman-AFM Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Raman-AFM by Region, 2021 VS 2028
- Figure 50. Raman-AFM Industry Value Chain
- Figure 51. Marketing Channels



#### I would like to order

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

Product link: https://marketpublishers.com/r/R00547A16B63EN.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 <a href="https://marketpublishers.com/r/R00547A16B63EN.html">https://marketpublishers.com/r/R00547A16B63EN.html</a>

To pay by Wire Transfer, please, fill in your contact details in the form below:

| First name:   |                           |
|---------------|---------------------------|
| Last name:    |                           |
| Email:        |                           |
| Company:      |                           |
| Address:      |                           |
| City:         |                           |
| Zip code:     |                           |
| Country:      |                           |
| Tel:          |                           |
| Fax:          |                           |
| Your message: |                           |
|               |                           |
|               |                           |
|               |                           |
|               | **All fields are required |
|               | Custumer signature        |
|               |                           |
|               |                           |

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <a href="https://marketpublishers.com/docs/terms.html">https://marketpublishers.com/docs/terms.html</a>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970