

Middle East & Africa Molecular Spectroscopy Market Forecast to 2030 - Regional Analysis - by Product (Instrument and Accessories), Technology (UV-Visible Spectroscopy, Infrared Spectroscopy, Nuclear Magnetic Resonance Spectroscopy, Raman Spectroscopy, Near-Infrared Spectroscopy, and Others), and Application (Academic and Research Applications, Biotechnology Applications, Pharmaceutical Applications, and Others)

<https://marketpublishers.com/r/MB253BA8C068EN.html>

Date: August 2024

Pages: 118

Price: US\$ 3,550.00 (Single User License)

ID: MB253BA8C068EN

Abstracts

The Middle East & Africa molecular spectroscopy market was valued at US\$ 104.70 million in 2022 and is expected to reach US\$ 140.22 million by 2030; it is estimated to register a CAGR of 3.7% from 2022 to 2030.

Increase in Drug Discovery and R&D Fuels Middle East & Africa Molecular Spectroscopy Market

The demand for and use of molecular spectroscopy increased significantly during the COVID-19 pandemic. In July 2022, Bruker PhenoRisk launched PACS RuO, a research-only NMR test for molecular phenomic research on blood samples from "long COVID-19" patients. The PhenoRisk PACS RuO test holds promise for exploring early-stage risk factors, monitoring longitudinal recovery, and prospective secondary organ damage in cardiovascular disease, type II diabetes, inflammation, and renal dysfunction.

In addition, molecular spectroscopy plays a crucial role in drug discovery and

development. Raman spectroscopy has proven to be one of the most powerful analytical techniques for drug discovery and pharmaceutical development.

According to BioPharma Trend 2020, the pharmaceutical industry's rapid advances in artificial intelligence (AI) are expected to lead to significant spending on research and development to discover new therapeutic targets. In addition, biotech investors are increasingly relying on using AI in drug development and are investing heavily in AI-based drug development methods. These scientific achievements have resulted in many groundbreaking discoveries of highly effective drugs for chronic diseases. For this reason, most investors gravitate toward drug discovery and R&D activities, which are expected to drive the molecular spectroscopy market in the future.

Middle East & Africa Molecular Spectroscopy Market Overview

The Middle East & Africa molecular spectroscopy market is segmented into Saudi Arabia, the UAE, South Africa, and the Rest of the Middle East & Africa. Saudi Arabia is projected to hold the largest market share in the Middle East & Africa. This is due to Saudi Arabia's Ministry signing agreements with biotech companies for establishing production facilities in the country. For instance, Saudi Arabia's Ministry of Investment (MISA) and Insilico Medicine, a clinical-stage AI-driven drug discovery company, declared that they signed a memorandum of understanding (MoU) to support the development of the AI-driven biotech industry. Expansion strategies adopted by international companies to strengthen their presence in the Middle East & Africa are also expected to benefit the molecular spectroscopy market in the coming future. Further, the market is driven by factors such as extensive research projects undertaken by several research institutes owing to the availability of infrastructure, flourishing biotechnology sector, and research facilities in the UAE and Saudi Arabia.

Middle East & Africa Molecular Spectroscopy Market Revenue and Forecast to 2030 (US\$ Million)

Middle East & Africa Molecular Spectroscopy Market Segmentation

The Middle East & Africa molecular spectroscopy market is segmented into product, technology, application, and country.

Based on product, the Middle East & Africa molecular spectroscopy market is bifurcated into instrument and accessories. The instrument segment held a larger market share in 2022.

In terms of technology, the Middle East & Africa molecular spectroscopy market is categorized into UV-Visible spectroscopy, infrared spectroscopy, nuclear magnetic resonance spectroscopy, Raman spectroscopy, Near-infrared spectroscopy, and others. The UV-Visible spectroscopy segment held the largest market share in 2022.

By application, the Middle East & Africa molecular spectroscopy market is segmented into academic and research applications, biotechnology applications, pharmaceutical applications, and others. The academic and research applications segment held the largest market share in 2022.

Based on country, the Middle East & Africa molecular spectroscopy market is segmented into Saudi Arabia, South Africa, the UAE, and the Rest of Middle East & Africa. Saudi Arabia dominated the Middle East & Africa molecular spectroscopy market share in 2022.

Horiba Ltd; Thermo Fisher Scientific Inc; Merck KGaA; Revvity Inc; JEOL Ltd; Shimadzu Corp; JASCO Corp; Bruker Corp; Agilent Technologies, Inc.; Oxfords Instruments plc; and Teledyne Princeton Instruments are some of the leading companies operating in the Middle East & Africa molecular spectroscopy market.

Contents

1. INTRODUCTION

- 1.1 The Insight Partners Research Report Guidance
- 1.2 Market Segmentation

2. EXECUTIVE SUMMARY

- 2.1 Key Insights

3. RESEARCH METHODOLOGY

- 3.1 Coverage
- 3.2 Secondary Research
- 3.3 Primary Research

4. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY MARKET - KEY MARKET DYNAMICS

- 4.1 Market Drivers
 - 4.1.1 Growing Adoption and Use of Molecular Spectroscopy
 - 4.1.2 Rapid Growth of Pharmaceutical Industry
- 4.2 Market Restraints
 - 4.2.1 Shortage of Technically Skilled Personnel and High Cost of Maintenance and Installation
- 4.3 Market Opportunities
 - 4.3.1 Increasing Use of Nuclear Magnetic Resonance Spectroscopy
- 4.4 Future Trends
 - 4.4.1 Increase in Drug Discovery and R&D
- 4.5 Impact of Drivers and Restraints:

5. MOLECULAR SPECTROSCOPY MARKET - MIDDLE EAST & AFRICA ANALYSIS

- 5.1 Molecular Spectroscopy Market Overview
- 5.2 Molecular Spectroscopy Market Revenue (US\$ Million), 2020-2030

6. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY ANALYSIS-BY PRODUCT

6.1 Overview

6.2 Instrument

6.2.1 Overview

6.2.2 Instrument: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

6.3 Accessories

6.3.1 Overview

6.3.2 Accessories: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY MARKET ANALYSIS-BY TECHNOLOGY

7.1 Overview

7.2 UV-Visible Spectroscopy

7.2.1 Overview

7.2.2 UV-Visible Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7.3 Infrared Spectroscopy

7.3.1 Overview

7.3.2 Infrared Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7.4 Nuclear Magnetic Resonance Spectroscopy

7.4.1 Overview

7.4.2 Nuclear Magnetic Resonance Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7.5 Raman Spectroscopy

7.5.1 Overview

7.5.2 Raman Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7.6 Near-Infrared Spectroscopy

7.6.1 Overview

7.6.2 Near-Infrared Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

7.7 Others

7.7.1 Overview

7.7.2 Others: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

8. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY MARKET ANALYSIS- BY APPLICATION

8.1 Overview

8.2 Academic and Research Applications

8.2.1 Overview

8.2.2 Academic and Research Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

8.3 Biotechnology Applications

8.3.1 Overview

8.3.2 Biotechnology Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

8.4 Pharmaceutical Applications

8.4.1 Overview

8.4.2 Pharmaceutical Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

8.5 Others

8.5.1 Overview

8.5.2 Others: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

9. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY MARKET-COUNTRY ANALYSIS

9.1 Middle East & Africa Molecular Spectroscopy Market-Country Analysis

9.1.1 Middle East & Africa: Molecular Spectroscopy Market - Revenue and Forecast Analysis - by Country

9.1.1.1 Saudi Arabia: Overview

9.1.1.1.1 Saudi Arabia: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

9.1.1.1.2 Saudi Arabia: Molecular Spectroscopy Market Breakdown, by Product

9.1.1.1.3 Saudi Arabia: Molecular Spectroscopy Market Breakdown, by Technology

9.1.1.1.4 Saudi Arabia: Molecular Spectroscopy Market Breakdown, by Application

9.1.1.2 South Africa: Overview

9.1.1.2.1 South Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

9.1.1.2.2 South Africa: Molecular Spectroscopy Market Breakdown, by Product

9.1.1.2.3 South Africa: Molecular Spectroscopy Market Breakdown, by Technology

9.1.1.2.4 South Africa: Molecular Spectroscopy Market Breakdown, by Application

9.1.1.3 UAE: Overview

9.1.1.3.1 UAE: Molecular Spectroscopy Market - Revenue and Forecast to 2030
(US\$ Million)

9.1.1.3.2 UAE: Molecular Spectroscopy Market Breakdown, by Product

9.1.1.3.3 UAE: Molecular Spectroscopy Market Breakdown, by Technology

9.1.1.3.4 UAE: Molecular Spectroscopy Market Breakdown, by Application

9.1.1.4 Rest of Middle East & Africa

9.1.1.4.1 Overview

9.1.1.4.2 Rest of Middle East & Africa: Molecular Spectroscopy Market - Revenue
and Forecast to 2030 (US\$ Million)

9.1.1.4.3 Rest of Middle East & Africa: Molecular Spectroscopy Market Breakdown,
by Product

9.1.1.4.4 Rest of Middle East & Africa: Molecular Spectroscopy Market Breakdown,
by Technology

9.1.1.4.5 Rest of Middle East & Africa: Molecular Spectroscopy Market Breakdown,
by Application

10. MIDDLE EAST & AFRICA MOLECULAR SPECTROSCOPY MARKET-INDUSTRY LANDSCAPE

10.1 Overview

10.2 Growth Strategies in the Molecular Spectroscopy Market

10.3 Inorganic Growth Strategies

10.3.1 Overview

10.4 Organic Growth Strategies

10.4.1 Overview

11. COMPANY PROFILES

11.1 HORIBA, Ltd.

11.1.1 Key Facts

11.1.2 Business Description

11.1.3 Products and Services

11.1.4 Financial Overview

11.1.5 SWOT Analysis

11.1.6 Key Developments

11.2 Thermo Fisher Scientific Inc

11.2.1 Key Facts

- 11.2.2 Business Description
- 11.2.3 Products and Services
- 11.2.4 Financial Overview
- 11.2.5 SWOT Analysis
- 11.2.6 Key Developments
- 11.3 Merck KGaA
 - 11.3.1 Key Facts
 - 11.3.2 Business Description
 - 11.3.3 Products and Services
 - 11.3.4 Financial Overview
 - 11.3.5 SWOT Analysis
 - 11.3.6 Key Developments
- 11.4 Revvity, Inc.
 - 11.4.1 Key Facts
 - 11.4.2 Business Description
 - 11.4.3 Products and Services
 - 11.4.4 Financial Overview
 - 11.4.5 SWOT Analysis
 - 11.4.6 Key Developments
- 11.5 JEOL Ltd.
 - 11.5.1 Key Facts
 - 11.5.2 Business Description
 - 11.5.3 Products and Services
 - 11.5.4 Financial Overview
 - 11.5.5 SWOT Analysis
 - 11.5.6 Key Developments
- 11.6 Shimadzu Corp
 - 11.6.1 Key Facts
 - 11.6.2 Business Description
 - 11.6.3 Products and Services
 - 11.6.4 Financial Overview
 - 11.6.5 SWOT Analysis
 - 11.6.6 Key Developments
- 11.7 JASCO Corp
 - 11.7.1 Key Facts
 - 11.7.2 Business Description
 - 11.7.3 Products and Services
 - 11.7.4 Financial Overview
 - 11.7.5 SWOT Analysis

- 11.7.6 Key Developments
- 11.8 Bruker Corp
 - 11.8.1 Key Facts
 - 11.8.2 Business Description
 - 11.8.3 Products and Services
 - 11.8.4 Financial Overview
 - 11.8.5 SWOT Analysis
 - 11.8.6 Key Developments
- 11.9 Agilent Technologies, Inc.
 - 11.9.1 Key Facts
 - 11.9.2 Business Description
 - 11.9.3 Products and Services
 - 11.9.4 Financial Overview
 - 11.9.5 SWOT Analysis
 - 11.9.6 Key Developments
- 11.10 Oxford Instruments plc
 - 11.10.1 Key Facts
 - 11.10.2 Business Description
 - 11.10.3 Products and Services
 - 11.10.4 Financial Overview
 - 11.10.5 SWOT Analysis
 - 11.10.6 Key Developments
- 11.11 Teledyne Princeton Instruments
 - 11.11.1 Key Facts
 - 11.11.2 Business Description
 - 11.11.3 Products and Services
 - 11.11.4 Financial Overview
 - 11.11.5 SWOT Analysis
 - 11.11.6 Key Developments

12. APPENDIX

- 12.1 About The Insight Partners
- 12.2 Glossary of Terms

List Of Tables

LIST OF TABLES

Table 1. Molecular Spectroscopy Market Segmentation

Table 2. Saudi Arabia: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Product

Table 3. Saudi Arabia: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Technology

Table 4. Saudi Arabia: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Application

Table 5. South Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Product

Table 6. South Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Technology

Table 7. South Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Application

Table 8. UAE: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Product

Table 9. UAE: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Technology

Table 10. UAE: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Application

Table 11. Rest of Middle East & Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Product

Table 12. Rest of Middle East & Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Technology

Table 13. Rest of Middle East & Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million) - by Application

Table 14. Recent Inorganic Growth Strategies in the Molecular Spectroscopy Market

Table 15. Recent Organic Growth Strategies in the Molecular Spectroscopy Market

Table 16. Glossary of Terms, Molecular Spectroscopy Market

List Of Figures

LIST OF FIGURES

- Figure 1. Molecular Spectroscopy Market Segmentation, by Country
- Figure 2. Molecular Spectroscopy Market - Key Market Dynamics
- Figure 3. Impact Analysis of Drivers and Restraints
- Figure 4. Molecular Spectroscopy Market Revenue (US\$ Million), 2020 - 2030
- Figure 5. Molecular Spectroscopy Market Share (%) - by Product (2022 and 2030)
- Figure 6. Instrument: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 7. Accessories: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 8. Molecular Spectroscopy Market Share (%) - by Technology (2022 and 2030)
- Figure 9. UV-Visible Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 10. Infrared Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 11. Nuclear Magnetic Resonance Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 12. Raman Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 13. Near-Infrared Spectroscopy: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 14. Others: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 15. Molecular Spectroscopy Market Share (%) - by Application (2022 and 2030)
- Figure 16. Academic and Research Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 17. Biotechnology Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 18. Pharmaceutical Applications: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 19. Others: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)
- Figure 20. Middle East & Africa: Molecular Spectroscopy Market, by Key Country - Revenue (2022) (US\$ Million)
- Figure 21. Saudi Arabia: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

Figure 22. South Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

Figure 23. UAE: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

Figure 24. Rest of Middle East & Africa: Molecular Spectroscopy Market - Revenue and Forecast to 2030 (US\$ Million)

Figure 25. Growth Strategies in the Molecular Spectroscopy Market

I would like to order

Product name: Middle East & Africa Molecular Spectroscopy Market Forecast to 2030 - Regional Analysis - by Product (Instrument and Accessories), Technology (UV-Visible Spectroscopy, Infrared Spectroscopy, Nuclear Magnetic Resonance Spectroscopy, Raman Spectroscopy, Near-Infrared Spectroscopy, and Others), and Application (Academic and Research Applications, Biotechnology Applications, Pharmaceutical Applications, and Others)

Product link: <https://marketpublishers.com/r/MB253BA8C068EN.html>

Price: US\$ 3,550.00 (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/MB253BA8C068EN.html>

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**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms

& Conditions at <https://marketpublishers.com/docs/terms.html>

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