

## **Analytical Instrumentation Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028**

Market Report | 2023-09-04 | 139 pages | IMARC Group

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### **Report description:**

Market Overview:

The global analytical instrumentation market size reached US\$ 46.1 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 69.2 Billion by 2028, exhibiting a growth rate (CAGR) of 6.89% during 2023-2028.

Analytical instrumentation refers to the study of identification, separation and quantification of chemical components of natural and artificial materials. It is conducted using total organic carbon analyzers, high-performance liquid chromatography (HPLC), calorimeters and melting point analysis equipment, spectrophotometers and X-Ray diffractometers and friability testers. It aids in the analysis of materials and the determination of their composition. Besides this, as it increases the accuracy of results by eliminating errors introduced due to personal biases, analytical instrumentation is used in chemical, pharmaceutical, food-processing, and oil and gas sectors across the globe.

Analytical Instrumentation Market Trends:

At present, there is a rise in the utilization of analytical instruments in manufacturing electric vehicles, mobile phones, and energy systems to enhance storage potential and output and create a more efficient, cleaner, and safer energy source. This, along with the growing application of electron microscopy technologies to see structures at levels down to the atomic scale, represents one of the key factors driving the market. Moreover, the escalating demand for pharmaceutical biosimilars, phytopharmaceuticals, and regenerative medicines around the world, is propelling the growth of the market. In addition, governments of several countries are undertaking initiatives for pollution control and environmental testing, which, in turn, is offering lucrative growth opportunities to the end-users. Besides this, the rising employment of analytical instruments in shale gas production across the globe is positively influencing the market. Additionally, the increasing utilization of gas chromatography in food safety testing, quantitative screening of environmental samples, and complex molecular analysis is catalyzing the demand for analytical instrumentation worldwide. Furthermore, key market players are focusing on mergers and acquisitions (M&A), which is projected to increase their overall

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sales and profitability.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global analytical instrumentation market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product type and end user.

#### Breakup by Product Type:

- Chromatography
- Molecular Analysis Spectroscopy
- Elemental Analysis Spectroscopy
- Mass Spectroscopy
- Analytical Microscopes
- Others

#### Breakup by End User:

- Life Sciences
- Chemical and Petrochemical
- Material Sciences
- Food Testing
- Oil and Gas
- Water and Wastewater
- Others

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific
  - China
  - Japan
  - India
  - South Korea
  - Australia
  - Indonesia
  - Others
- Europe
  - Germany
  - France
  - United Kingdom
  - Italy
  - Spain
  - Russia
  - Others

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Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Agilent Technologies Inc., Bio-Rad Laboratories Inc., Bruker Corporation, Mettler Toledo, PerkinElmer Inc., Shimadzu Corporation, Spectris plc, Thermo Fisher Scientific Inc. and Waters Corporation.

#### Key Questions Answered in This Report

1. How big is the global analytical instrumentation market?
2. What is the expected growth rate of the global analytical instrumentation market during 2023-2028?
3. What are the key factors driving the global analytical instrumentation market?
4. What has been the impact of COVID-19 on the global analytical instrumentation market?
5. What is the breakup of the global analytical instrumentation market based on the product type?
6. What is the breakup of the global analytical instrumentation market based on the end user?
7. What are the key regions in the global analytical instrumentation market?
8. Who are the key players/companies in the global analytical instrumentation market?

#### Table of Contents:

- 1 Preface
- 2 Scope and Methodology
  - 2.1 Objectives of the Study
  - 2.2 Stakeholders
  - 2.3 Data Sources
    - 2.3.1 Primary Sources
    - 2.3.2 Secondary Sources
  - 2.4 Market Estimation
    - 2.4.1 Bottom-Up Approach
    - 2.4.2 Top-Down Approach
  - 2.5 Forecasting Methodology
- 3 Executive Summary
- 4 Introduction
  - 4.1 Overview
  - 4.2 Key Industry Trends
- 5 Global Analytical Instrumentation Market
  - 5.1 Market Overview
  - 5.2 Market Performance
  - 5.3 Impact of COVID-19
  - 5.4 Market Forecast
- 6 Market Breakup by Product Type
  - 6.1 Chromatography
    - 6.1.1 Market Trends
    - 6.1.2 Market Forecast
  - 6.2 Molecular Analysis Spectroscopy

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- 6.2.1 Market Trends
- 6.2.2 Market Forecast
- 6.3 Elemental Analysis Spectroscopy
  - 6.3.1 Market Trends
  - 6.3.2 Market Forecast
- 6.4 Mass Spectroscopy
  - 6.4.1 Market Trends
  - 6.4.2 Market Forecast
- 6.5 Analytical Microscopes
  - 6.5.1 Market Trends
  - 6.5.2 Market Forecast
- 6.6 Others
  - 6.6.1 Market Trends
  - 6.6.2 Market Forecast
- 7 Market Breakup by End User
  - 7.1 Life Sciences
    - 7.1.1 Market Trends
    - 7.1.2 Market Forecast
  - 7.2 Chemical and Petrochemical
    - 7.2.1 Market Trends
    - 7.2.2 Market Forecast
  - 7.3 Material Sciences
    - 7.3.1 Market Trends
    - 7.3.2 Market Forecast
  - 7.4 Food Testing
    - 7.4.1 Market Trends
    - 7.4.2 Market Forecast
  - 7.5 Oil and Gas
    - 7.5.1 Market Trends
    - 7.5.2 Market Forecast
  - 7.6 Water and Wastewater
    - 7.6.1 Market Trends
    - 7.6.2 Market Forecast
  - 7.7 Others
    - 7.7.1 Market Trends
    - 7.7.2 Market Forecast
- 8 Market Breakup by Region
  - 8.1 North America
    - 8.1.1 United States
      - 8.1.1.1 Market Trends
      - 8.1.1.2 Market Forecast
    - 8.1.2 Canada
      - 8.1.2.1 Market Trends
      - 8.1.2.2 Market Forecast
  - 8.2 Asia-Pacific
    - 8.2.1 China
      - 8.2.1.1 Market Trends

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- 8.2.1.2 Market Forecast
- 8.2.2 Japan
  - 8.2.2.1 Market Trends
  - 8.2.2.2 Market Forecast
- 8.2.3 India
  - 8.2.3.1 Market Trends
  - 8.2.3.2 Market Forecast
- 8.2.4 South Korea
  - 8.2.4.1 Market Trends
  - 8.2.4.2 Market Forecast
- 8.2.5 Australia
  - 8.2.5.1 Market Trends
  - 8.2.5.2 Market Forecast
- 8.2.6 Indonesia
  - 8.2.6.1 Market Trends
  - 8.2.6.2 Market Forecast
- 8.2.7 Others
  - 8.2.7.1 Market Trends
  - 8.2.7.2 Market Forecast
- 8.3 Europe
  - 8.3.1 Germany
    - 8.3.1.1 Market Trends
    - 8.3.1.2 Market Forecast
  - 8.3.2 France
    - 8.3.2.1 Market Trends
    - 8.3.2.2 Market Forecast
  - 8.3.3 United Kingdom
    - 8.3.3.1 Market Trends
    - 8.3.3.2 Market Forecast
  - 8.3.4 Italy
    - 8.3.4.1 Market Trends
    - 8.3.4.2 Market Forecast
  - 8.3.5 Spain
    - 8.3.5.1 Market Trends
    - 8.3.5.2 Market Forecast
  - 8.3.6 Russia
    - 8.3.6.1 Market Trends
    - 8.3.6.2 Market Forecast
  - 8.3.7 Others
    - 8.3.7.1 Market Trends
    - 8.3.7.2 Market Forecast
- 8.4 Latin America
  - 8.4.1 Brazil
    - 8.4.1.1 Market Trends
    - 8.4.1.2 Market Forecast
  - 8.4.2 Mexico
    - 8.4.2.1 Market Trends

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- 8.4.2.2 Market Forecast
- 8.4.3 Others
  - 8.4.3.1 Market Trends
  - 8.4.3.2 Market Forecast
- 8.5 Middle East and Africa
  - 8.5.1 Market Trends
  - 8.5.2 Market Breakup by Country
  - 8.5.3 Market Forecast
- 9 SWOT Analysis
  - 9.1 Overview
  - 9.2 Strengths
  - 9.3 Weaknesses
  - 9.4 Opportunities
  - 9.5 Threats
- 10 Value Chain Analysis
- 11 Porters Five Forces Analysis
  - 11.1 Overview
  - 11.2 Bargaining Power of Buyers
  - 11.3 Bargaining Power of Suppliers
  - 11.4 Degree of Competition
  - 11.5 Threat of New Entrants
  - 11.6 Threat of Substitutes
- 12 Price Analysis
- 13 Competitive Landscape
  - 13.1 Market Structure
  - 13.2 Key Players
    - 13.3 Profiles of Key Players
      - 13.3.1 Agilent Technologies Inc.
        - 13.3.1.1 Company Overview
        - 13.3.1.2 Product Portfolio
        - 13.3.1.3 Financials
        - 13.3.1.4 SWOT Analysis
      - 13.3.2 Bio-Rad Laboratories Inc.
        - 13.3.2.1 Company Overview
        - 13.3.2.2 Product Portfolio
        - 13.3.2.3 Financials
        - 13.3.2.4 SWOT Analysis
      - 13.3.3 Bruker Corporation
        - 13.3.3.1 Company Overview
        - 13.3.3.2 Product Portfolio
        - 13.3.3.3 Financials
        - 13.3.3.4 SWOT Analysis
      - 13.3.4 Mettler Toledo
        - 13.3.4.1 Company Overview
        - 13.3.4.2 Product Portfolio
        - 13.3.4.3 Financials
        - 13.3.4.4 SWOT Analysis

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- 13.3.5 PerkinElmer Inc.
  - 13.3.5.1 Company Overview
  - 13.3.5.2 Product Portfolio
  - 13.3.5.3 Financials
  - 13.3.5.4 SWOT Analysis
- 13.3.6 Shimadzu Corporation
  - 13.3.6.1 Company Overview
  - 13.3.6.2 Product Portfolio
  - 13.3.6.3 Financials
  - 13.3.6.4 SWOT Analysis
- 13.3.7 Spectris plc
  - 13.3.7.1 Company Overview
  - 13.3.7.2 Product Portfolio
  - 13.3.7.3 Financials
  - 13.3.7.4 SWOT Analysis
- 13.3.8 Thermo Fisher Scientific Inc.
  - 13.3.8.1 Company Overview
  - 13.3.8.2 Product Portfolio
  - 13.3.8.3 Financials
  - 13.3.8.4 SWOT Analysis
- 13.3.9 Waters Corporation
  - 13.3.9.1 Company Overview
  - 13.3.9.2 Product Portfolio
  - 13.3.9.3 Financials
  - 13.3.9.4 SWOT Analysis

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