

# **Gas Chromatography Market Size, Trends, Analysis, and Outlook By Product (Consumables and accessories, Instruments), By End-User (Pharmaceuticals and biotechnology, Food and beverages, Academic and research institutes, Others), by Region, Country, Segment, and Companies, 2024-2030**

<https://marketpublishers.com/r/G41CF8DDD64AEN.html>

Date: March 2024

Pages: 190

Price: US\$ 3,980.00 (Single User License)

ID: G41CF8DDD64AEN

## **Abstracts**

The global Gas Chromatography market size is poised to register 6.83% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Gas Chromatography market across By Product (Consumables and accessories, Instruments), By End-User (Pharmaceuticals and biotechnology, Food and beverages, Academic and research institutes, Others).

The gas chromatography market is experiencing significant growth driven by the increasing demand for analytical instruments in various industries such as pharmaceuticals, food and beverage, and environmental monitoring. In 2024 and beyond, factors such as technological advancements enhancing the efficiency and accuracy of gas chromatography systems, expanding applications in drug discovery and development, and rising focus on quality control and regulatory compliance are driving market expansion. Additionally, the growing popularity of hyphenated techniques like GC-MS and GC-IR, emergence of portable and miniaturized GC systems, and rising adoption of gas chromatography in forensic and petrochemical industries contribute to market growth.

Gas Chromatography Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Gas Chromatography market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Gas Chromatography survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Gas Chromatography industry.

## Key market trends defining the global Gas Chromatography demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Gas Chromatography Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Gas Chromatography industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Gas Chromatography companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Gas Chromatography industry

Leading Gas Chromatography companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Gas Chromatography companies.

## Gas Chromatography Market Study- Strategic Analysis Review

The Gas Chromatography market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

## Gas Chromatography Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Gas Chromatography industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

## Gas Chromatography Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

## North America Gas Chromatography Market Size Outlook- Companies plan for focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Gas Chromatography market segments. Similarly, Strong end-user demand is encouraging Canadian Gas Chromatography

companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Gas Chromatography market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Gas Chromatography Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Gas Chromatography industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Gas Chromatography market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Gas Chromatography Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Gas Chromatography in Asia Pacific. In particular, China, India, and South East Asian Gas Chromatography markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America Gas Chromatography Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Gas Chromatography Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Gas Chromatography market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Gas Chromatography.

### Gas Chromatography Market Company Profiles

The global Gas Chromatography market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Agilent Technologies Inc, Air Liquide, Chromatotec, Danaher Corp, Hobre Instruments BV, Merck KgaA, PerkinElmer Inc, Process Sensing Technologies (LDETek Inc), Restek Corp, Sartorius, Scion Instruments, Shimadzu Corp, Teledyne Technologies, Thermo Fisher Scientific Inc, Waters Corp

### Recent Gas Chromatography Market Developments

The global Gas Chromatography market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Gas Chromatography Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Product

Consumables and accessories

Instruments

By EndUser

Pharmaceuticals and biotechnology

Food and beverages

Academic and research institutes

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Agilent Technologies Inc

Air Liquide

Chromatotec

Danaher Corp

Hobre Instruments BV

Merck KgaA

PerkinElmer Inc

Process Sensing Technologies (LDETek Inc)

Restek Corp

Sartorius

Scion Instruments

Shimadzu Corp

Teledyne Technologies

Thermo Fisher Scientific Inc

Waters Corp

Formats Available: Excel, PDF, and PPT



## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Gas Chromatography Market Overview and Key Findings, 2024
- 1.2 Gas Chromatography Market Size and Growth Outlook, 2021- 2030
- 1.3 Gas Chromatography Market Growth Opportunities to 2030
- 1.4 Key Gas Chromatography Market Trends and Challenges
  - 1.4.1 Gas Chromatography Market Drivers and Trends
  - 1.4.2 Gas Chromatography Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Gas Chromatography Companies

### 2. GAS CHROMATOGRAPHY MARKET SIZE OUTLOOK TO 2030

- 2.1 Gas Chromatography Market Size Outlook, USD Million, 2021- 2030
- 2.2 Gas Chromatography Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. GAS CHROMATOGRAPHY MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. GAS CHROMATOGRAPHY MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Product
    - Consumables and accessories
    - Instruments

## By EndUser

Pharmaceuticals and biotechnology

Food and beverages

Academic and research institutes

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## 5. REGION-WISE MARKET OUTLOOK TO 2030

5.1 Key Findings for Asia Pacific Gas Chromatography Market, 2025

5.2 Asia Pacific Gas Chromatography Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Gas Chromatography Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Gas Chromatography Market, 2025

5.5 Europe Gas Chromatography Market Size Outlook by Type, 2021- 2030

5.6 Europe Gas Chromatography Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Gas Chromatography Market, 2025

5.8 North America Gas Chromatography Market Size Outlook by Type, 2021- 2030

5.9 North America Gas Chromatography Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Gas Chromatography Market, 2025

5.11 South America Pacific Gas Chromatography Market Size Outlook by Type, 2021- 2030

5.12 South America Gas Chromatography Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Gas Chromatography Market, 2025

5.14 Middle East Africa Gas Chromatography Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Gas Chromatography Market Size Outlook by Application, 2021- 2030

## 6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Gas Chromatography Market Size Outlook and Revenue Growth Forecasts

6.2 US Gas Chromatography Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Gas Chromatography Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Gas Chromatography Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

- 6.8 Germany Gas Chromatography Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Gas Chromatography Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Gas Chromatography Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Gas Chromatography Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Gas Chromatography Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Gas Chromatography Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Gas Chromatography Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Gas Chromatography Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Gas Chromatography Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Gas Chromatography Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Gas Chromatography Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Gas Chromatography Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Gas Chromatography Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Gas Chromatography Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Gas Chromatography Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Gas Chromatography Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Gas Chromatography Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Gas Chromatography Industry Drivers and Opportunities

## **7. GAS CHROMATOGRAPHY MARKET OUTLOOK ACROSS SCENARIOS**

### 7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

## **8. GAS CHROMATOGRAPHY COMPANY PROFILES**

8.1 Profiles of Leading Gas Chromatography Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

Agilent Technologies Inc

Air Liquide

Chromatotec

Danaher Corp

Hobre Instruments BV

Merck KgaA

PerkinElmer Inc

Process Sensing Technologies (LDETek Inc)

Restek Corp

Sartorius

Scion Instruments

Shimadzu Corp

Teledyne Technologies

Thermo Fisher Scientific Inc

Waters Corp

## **9. APPENDIX**

9.1 Scope of the Report

9.2 Research Methodology and Data Sources

9.3 Glossary of Terms

9.4 Market Definitions

9.5 Contact Information

## I would like to order

Product name: Gas Chromatography Market Size, Trends, Analysis, and Outlook By Product (Consumables and accessories, Instruments), By End-User (Pharmaceuticals and biotechnology, Food and beverages, Academic and research institutes, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/G41CF8DDD64AEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G41CF8DDD64AEN.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