

# Global Residual Gas Analyzers (RGA) Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

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## Abstracts

According to our (Global Info Research) latest study, the global Residual Gas Analyzers (RGA) market size was valued at USD 305.7 million in 2023 and is forecast to a readjusted size of USD 418.6 million by 2030 with a CAGR of 4.6% during review period.

The residual gas analyzer actually ionizes separate components of the gas to create various ions, and then detects and determines the mass-to-charge ratios. This process works better in vacuum, where quality is easier to monitor and impurities and inconsistencies are easier to detect because of the low pressure.

The key global manufacturers of residual gas analyzers (RGAs) include Inficon, ULVAC, and Stanford Research Systems (SRS). The top three global manufacturers together hold about 60% of the market share, with the largest manufacturer being Inficon, accounting for 28%. Global origins are mainly located in North America, Europe, China, Japan and South Korea. In terms of product type, 1-100 amu is the largest segment, with a market share of about 47%. In terms of application, the largest application is industrial applications, with a share of about 74%.

The Global Info Research report includes an overview of the development of the Residual Gas Analyzers (RGA) industry chain, the market status of Semiconductor Industry (1-100 amu, 1-200 amu), Lithium Battery Industry (1-100 amu, 1-200 amu), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Residual Gas Analyzers (RGA).

Regionally, the report analyzes the Residual Gas Analyzers (RGA) markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Residual Gas Analyzers (RGA) market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the Residual Gas Analyzers (RGA) market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Residual Gas Analyzers (RGA) industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Type (e.g., 1-100 amu, 1-200 amu).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Residual Gas Analyzers (RGA) market.

**Regional Analysis:** The report involves examining the Residual Gas Analyzers (RGA) market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the Residual Gas Analyzers (RGA) market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Residual Gas Analyzers (RGA):

**Company Analysis:** Report covers individual Residual Gas Analyzers (RGA) manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios,

partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards Residual Gas Analyzers (RGA). This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Semiconductor Industry, Lithium Battery Industry).

**Technology Analysis:** Report covers specific technologies relevant to Residual Gas Analyzers (RGA). It assesses the current state, advancements, and potential future developments in Residual Gas Analyzers (RGA) areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Residual Gas Analyzers (RGA) market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

Residual Gas Analyzers (RGA) market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

### Market segment by Type

1-100 amu

1-200 amu

1-300 amu

### Market segment by Application

Semiconductor Industry

Lithium Battery Industry

Vacuum Technology

Analytical Instrument

Display Panel

Environmental Monitoring

Others

#### Major players covered

Inficon

ULVAC

MKS Instruments

Stanford Research Systems (SRS)

Pfeiffer Vacuum

Edwards

Extorr

Horiba

Process Insights(Extrel CMS)

Hidden Analytical

Atonarp

Ametek

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Residual Gas Analyzers (RGA) product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Residual Gas Analyzers (RGA), with price, sales, revenue and global market share of Residual Gas Analyzers (RGA) from 2019 to 2024.

Chapter 3, the Residual Gas Analyzers (RGA) competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Residual Gas Analyzers (RGA) breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Residual Gas Analyzers (RGA) market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Residual Gas Analyzers (RGA).

Chapter 14 and 15, to describe Residual Gas Analyzers (RGA) sales channel, distributors, customers, research findings and conclusion.

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