

# Global Industrial Gases Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Industrial Gases market size is expected to reach \$ 7207 million by 2032, rising at a market growth of 3.5% CAGR during the forecast period (2026-2032).

Industrial gas is a generic term for gases (liquefied gases) used widely in all industries for raw materials and intermediate materials in the manufacturing industry, or for quality improvement, energy saving and the safety in manufacturing processes. This does not include city gas (coal gas for domestic use) and LP gas that are mainly used for household energy. Medical gases used in hospitals are included among industrial gases.

The global industrial gases market is highly consolidated and dominated by major players such as:

Linde plc (Germany/Ireland): The world's largest, holding approximately 25–30% global market share.

Air Liquide (France): The leading player in Europe, ranked second globally.

Air Products & Chemicals (USA): A key supplier in the US and active in hydrogen energy.

Messer Group (Germany): A significant participant in European and Asian markets.

Market Prospects:

Hydrogen Energy & Clean Energy Growth: The rise of the hydrogen economy globally

drives demand for hydrogen production, transport, and storage gases.

**Booming Electronics High-Purity Gas Demand:** Rapid development in semiconductors and new energy batteries spurs growth in the electronics specialty gas market.

**Expansion in Healthcare Sector:** Aging populations and improved healthcare systems increase medical gas consumption.

**Green & Low-Carbon Process Adoption:** Steel and chemical companies are adopting low-carbon gas technologies to reduce emissions.

**Market Challenges:**

**High Capital Expenditure:** Industrial gas plants require massive investments (often hundreds of millions of USD), posing high entry barriers.

**Energy Cost Volatility:** Fluctuations in electricity and steam prices directly impact gas production costs.

**Environmental & Carbon Emission Pressures:** Especially in China and Europe, gas producers face increasingly stringent carbon emission standards.

**Technological Barriers:** Significant R&D investment is required in ultra-high-purity gases and hydrogen-related sectors due to high technical barriers.

**Regional Safety & Transportation Risks:** Due to the special nature of gas products, transport and storage are costly and pose safety risks.

This report studies the global Industrial Gases production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Industrial Gases and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Industrial Gases that contribute to its increasing demand across many markets.

## **Highlights and key features of the study**

Global Industrial Gases total production and demand, 2021-2032, (K Cbm)

Global Industrial Gases total production value, 2021-2032, (USD Million)

Global Industrial Gases production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Cbm), (based on production site)

Global Industrial Gases consumption by region & country, CAGR, 2021-2032 & (K Cbm)

U.S. VS China: Industrial Gases domestic production, consumption, key domestic manufacturers and share

Global Industrial Gases production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Cbm)

Global Industrial Gases production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Cbm)

Global Industrial Gases production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Cbm)

This report profiles key players in the global Industrial Gases market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde Plc, Air Liquide, Air Products and Chemicals, Taiyo Nippon Sanso, Air Water, Messer, Yingde Gases, Gulf Cryo, INOX Air Products, Hangzhou Oxygen Plant Group, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Industrial Gases market

### **Detailed Segmentation:**

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Cbm) and average price (USD/Cbm) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by

year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

#### Global Industrial Gases Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Industrial Gases Market, Segmentation by Type:

Atmospheric Gas

Process Gas

Others

#### Global Industrial Gases Market, Segmentation by Application:

Manufacturing

Chemical & Energy

Metals

Healthcare

Electronics

Food & Beverage

Others

#### Companies Profiled:

Linde Plc

Air Liquide

Air Products and Chemicals

Taiyo Nippon Sanso

Air Water

Messer

Yingde Gases

Gulf Cryo

INOX Air Products

Hangzhou Oxygen Plant Group

#### Key Questions Answered:

1. How big is the global Industrial Gases market?
2. What is the demand of the global Industrial Gases market?
3. What is the year over year growth of the global Industrial Gases market?
4. What is the production and production value of the global Industrial Gases market?
5. Who are the key producers in the global Industrial Gases market?
6. What are the growth factors driving the market demand?

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