

# Global Cryogenic Air Separation Units (ASUs) Market Growth 2025-2031

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## Abstracts

The global Cryogenic Air Separation Units (ASUs) market size is predicted to grow from US\$ million in 2025 to US\$ million in 2031; it is expected to grow at a CAGR of % from 2025 to 2031.

The impact of the latest U.S. tariff measures and the corresponding policy responses from countries worldwide on market competitiveness, regional economic performance, and supply chain configurations will be comprehensively evaluated in this report.

Cryogenic Air Separation Units (ASUs) are industrial plants used to separate air into its individual components, primarily oxygen, nitrogen, and sometimes argon, through the process of cryogenic distillation. These units rely on low temperatures and high-pressure conditions to liquefy air components, allowing them to be separated and collected for various industrial and medical applications.

United States market for Cryogenic Air Separation Units (ASUs) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

China market for Cryogenic Air Separation Units (ASUs) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Europe market for Cryogenic Air Separation Units (ASUs) is estimated to increase from US\$ million in 2024 to US\$ million by 2031, at a CAGR of % from 2025 through 2031.

Global key Cryogenic Air Separation Units (ASUs) players cover Linde, Air Liquide, Praxair, Air Products, Taiyo Nippon Sanso, etc. In terms of revenue, the global two

largest companies occupied for a share nearly % in 2024.

LP Information, Inc. (LPI) ' newest research report, the “Cryogenic Air Separation Units (ASUs) Industry Forecast” looks at past sales and reviews total world Cryogenic Air Separation Units (ASUs) sales in 2024, providing a comprehensive analysis by region and market sector of projected Cryogenic Air Separation Units (ASUs) sales for 2025 through 2031. With Cryogenic Air Separation Units (ASUs) sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cryogenic Air Separation Units (ASUs) industry.

This Insight Report provides a comprehensive analysis of the global Cryogenic Air Separation Units (ASUs) landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Cryogenic Air Separation Units (ASUs) portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Cryogenic Air Separation Units (ASUs) market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Cryogenic Air Separation Units (ASUs) and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Cryogenic Air Separation Units (ASUs).

This report presents a comprehensive overview, market shares, and growth opportunities of Cryogenic Air Separation Units (ASUs) market by product type, application, key manufacturers and key regions and countries.

### **Segmentation by Type:**

By Membrane

By Pressure Swing Adsorption (PSA)

Others

### **Segmentation by Application:**

Chemical Industry

Metallurgy Industry

Other

### **This report also splits the market by region:**

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Linde

Air Liquide

Praxair

Air Products

Taiyo Nippon Sanso

Hangyang Group

Sichuan Air Separation

HNEC

Messer

JSC Cryogenmash

AMCS

Gas Engineering LLC

Air Water

### **Key Questions Addressed in this Report**

What is the 10-year outlook for the global Cryogenic Air Separation Units (ASUs) market?

What factors are driving Cryogenic Air Separation Units (ASUs) market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Cryogenic Air Separation Units (ASUs) market opportunities vary by end market size?

How does Cryogenic Air Separation Units (ASUs) break out by Type, by Application?

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