

US Air Separation Plant Market Size study, by Process (Cryogenic, Non-cryogenic) by Gas (Nitrogen, Oxygen, Argon, Others) by End-use (Iron & steel, Oil & Gas, Chemical, Healthcare, Others) Forecasts 2022-2032

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Abstracts

US Air Separation Plant Market is valued approximately at USD 1.02 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 5.08% over the forecast period 2024-2032. An Air Separation Plant (ASP) is a facility that separates atmospheric air into its primary components, primarily nitrogen, oxygen, and argon. This process is typically carried out through cryogenic distillation, which exploits the differences in boiling points of these gases. Moreover, Air Separation Plant manufacturers were investing in research and development efforts to develop innovative technologies and products, improve process efficiency, and expand the range of gases produced. This included advancements in cryogenic distillation, membrane separation, and alternative gas separation technologies.

Moreover, the increasing demand for industrial gases in the US, including oxygen, nitrogen, and argon, was a significant driver for the air separation plant market in United States. Industries such as healthcare, manufacturing, chemicals, and electronics rely heavily on these gases, thereby driving the need for air separation plants. Additionally, other factors support the market growth are increasing consumption of industrial gases, expansion of oil & gas industry, rising demand from iron & steel industry, and growing demand from manufacturing and healthcare industries. However, the high cost associated with fabrication and operation are expected to hinder the market growth during the forecast period 2024-2032.

Major market player included in this report are:

Chemicals, Inc.

Universal Industrial Gases, Inc
Nikkiso Cosmodyne, LLC.
Company 4
Company 5
Company 6
Company 7
Company 8
Company 9
Company 10

The detailed segments and sub-segment of the market are explained below:

By Process
Cryogenic
Non-cryogenic

By Gas
Nitrogen
Oxygen
Argon
Others

By End-use
Iron & steel
Oil & Gas
Chemical
Healthcare
Others

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major

regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

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