

# Global Nitrogen Cryogenic Equipment Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Nitrogen Cryogenic Equipment market size was valued at US\$ 382 million in 2025 and is forecast to a readjusted size of US\$ 586 million by 2032 with a CAGR of 6.0% during review period.

Nitrogen cryogenic equipment refers to industrial systems and devices designed to produce, store, transport, and utilize liquid nitrogen (LN<sub>2</sub>) or ultra-low-temperature nitrogen gas, typically at temperatures around  $-196^{\circ}\text{C}$ . These systems use the extremely low boiling point of nitrogen to provide rapid cooling, freezing, or inert atmospheres for industrial processes. Nitrogen cryogenic equipment is widely applied in food freezing, pharmaceuticals, medical storage, semiconductor manufacturing, metallurgy, chemical processing, and aerospace testing. In 2025, global Nitrogen Cryogenic Equipment production reached approximately 10.3 k units, with an average global market price of around US\$36000 per unit. The production capacity for Nitrogen Cryogenic Equipment in 2025 was approximately 12 k units. The typical gross profit margin for Nitrogen Cryogenic Equipment between 20% and 40%.

This report is a detailed and comprehensive analysis for global Nitrogen Cryogenic Equipment market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

## Key Features:

Global Nitrogen Cryogenic Equipment market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Nitrogen Cryogenic Equipment market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Nitrogen Cryogenic Equipment market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Nitrogen Cryogenic Equipment market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

### **The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Nitrogen Cryogenic Equipment

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Nitrogen Cryogenic Equipment market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Linde, Chart Industries, Parker Hannifin, Air Products, INOX, Taylor-Wharton, Wessington Cryogenics, PHPK Technologies, Cryofab, Air Liquide, etc.

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

### **Market Segmentation**

Nitrogen Cryogenic Equipment market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Tanks

Valves

Vaporizers

Pumps

Others

Market segment by Temperature Grade

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