

Global Liquid Nitrogen Generators Market Growth 2025-2031

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Abstracts

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The global Liquid Nitrogen Generators market size is predicted to grow from US\$ 26.3 million in 2025 to US\$ 32.9 million in 2031; it is expected to grow at a CAGR of 3.8% from 2025 to 2031.

Liquid nitrogen is commonly used as a cryogenic refrigerant. Reasons why it is commonly used are that the nitrogen gas that it consists of accounts for 80% of air and so a large quantity of liquid nitrogen can be easily manufactured and obtained, nitrogen gas is inert, and it has a large thermal capacity which means it has a long retention time.

A liquid nitrogen generator consists of a nitrogen gas generator that separates and extracts nitrogen gas from the air and the main body that liquefies the nitrogen gas. The main body of the liquid nitrogen generator has a cryocooler for liquefying nitrogen gas, a vacuum heat-insulated vessel to store the liquid nitrogen, a level gauge, safety devices, and a control system in it.

The industry's leading producers are Peak Scientific, Ulvac Cryogenics and Noblegen, with revenue ratios of 33.34%, 23.97% and 14.08%, respectively, in 2019.

LP Information, Inc. (LPI) ' newest research report, the "Liquid Nitrogen Generators Industry Forecast" looks at past sales and reviews total world Liquid Nitrogen Generators sales in 2024, providing a comprehensive analysis by region and market sector of projected Liquid Nitrogen Generators sales for 2025 through 2031. With Liquid Nitrogen Generators sales broken down by region, market sector and sub-sector, this

report provides a detailed analysis in US\$ millions of the world Liquid Nitrogen Generators industry.

This Insight Report provides a comprehensive analysis of the global Liquid Nitrogen Generators 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 Liquid Nitrogen Generators portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Liquid Nitrogen Generators market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Liquid Nitrogen Generators 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 Liquid Nitrogen Generators.

This report presents a comprehensive overview, market shares, and growth opportunities of Liquid Nitrogen Generators market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Production Rate?10 L/Day

10?Production Rate?20 L/Day

20?Production Rate?40 L/Day

Production Rate?40 L/Day

Segmentation by Application:

Medical

Academic Research

Livestock Industry

Others

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.

Peak Scientific

Ulvac Cryogenics

Noblegen

F-DGSI

MMR Technologies

Imtek Cryogenics

Key Questions Addressed in this Report

What is the 10-year outlook for the global Liquid Nitrogen Generators market?

What factors are driving Liquid Nitrogen Generators market growth, globally and by

region?

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

How do Liquid Nitrogen Generators market opportunities vary by end market size?

How does Liquid Nitrogen Generators break out by Type, by Application?

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