

Global Cryogenic Vacuum Pumps Market Growth 2023-2029

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Abstracts

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A cryopump or a 'cryogenic pump' is a vacuum pump that traps gases and vapours by condensing them on a cold surface, but are only effective on some gases. The effectiveness depends on the freezing and boiling points of the gas relative to the cryopump's temperature. They are sometimes used to block particular contaminants, for example in front of a diffusion pump to trap backstreaming oil, or in front of a McLeod gauge to keep out water. In this function, they are called a cryotrap, waterpump or cold trap, even though the physical mechanism is the same as for a cryopump.

LPI (LP Information)' newest research report, the "Cryogenic Vacuum Pumps Industry Forecast" looks at past sales and reviews total world Cryogenic Vacuum Pumps sales in 2022, providing a comprehensive analysis by region and market sector of projected Cryogenic Vacuum Pumps sales for 2023 through 2029. With Cryogenic Vacuum Pumps sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Cryogenic Vacuum Pumps industry.

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

This Insight Report evaluates the key market trends, drivers, and affecting factors

shaping the global outlook for Cryogenic Vacuum Pumps 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 Vacuum Pumps.

The global Cryogenic Vacuum Pumps market size is projected to grow from US\$ million in 2022 to US\$ million in 2029; it is expected to grow at a CAGR of % from 2023 to 2029.

United States market for Cryogenic Vacuum Pumps is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

China market for Cryogenic Vacuum Pumps is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Europe market for Cryogenic Vacuum Pumps is estimated to increase from US\$ million in 2022 to US\$ million by 2029, at a CAGR of % from 2023 through 2029.

Global key Cryogenic Vacuum Pumps players cover SHI Cryogenics Group, ULVAC, Brooks, Leybold, Edwards Vacuum, Trillium, PHPK Technologies, Vacree Technologies and CSIC (Pride?Nanjing) Cryogenic Technology, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2022.

This report presents a comprehensive overview, market shares, and growth opportunities of Cryogenic Vacuum Pumps market by product type, application, key manufacturers and key regions and countries.

Market Segmentation:

Segmentation by type

Below 1000std. Liter

1000 to 2000std. Liter

20000 to 4000std. Liter

Above 4000std. Liter

Segmentation by application

Semiconductor Manufacturing

Vacuum Coating

Particle Accelerators

Sputter Deposition Systems

Other Applications

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 analyzing the company's coverage, product portfolio, its market penetration.

SHI Cryogenics Group

ULVAC

Brooks

Leybold

Edwards Vacuum

Trillium

PHPK Technologies

Vacree Technolgoies

CSIC Pride?Nanjing) Cryogenic Technology

Zhejiang Bwokai Technologies

Suzhou Bama Superconductive Technology

Ultratorr Technologies

Key Questions Addressed in this Report

What is the 10-year outlook for the global Cryogenic Vacuum Pumps market?

What factors are driving Cryogenic Vacuum Pumps market growth, globally and by region?

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

How do Cryogenic Vacuum Pumps market opportunities vary by end market size?

How does Cryogenic Vacuum Pumps break out type, application?

What are the influences of COVID-19 and Russia-Ukraine war?

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