

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Cryopump Market 2018, Forecast to 2023

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Abstracts

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.

Scope of the Report:

This report focuses on the Cryopump in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application. Cryopump is mainly classified into four types: ?1000std. liter, 1000-2000std. liter, 2000-4000std. liter, ?4000std. liter. Cryopump between 1000-2000std.liter are the most widely used type which takes up about 53% of the global total in 2016, followed by 2000-4000std. liter with share of about 27%.

SHI Cryogenics Group, Ulvac, Brooks, Leybold, Trillium, PHPK Technologies and Vacree are the key producers in the global cryopump market. Top seven took up about 80% of the global production in 2016. Brooks, SHI Cryogenics Group, Leybold, Ulvac which have leading technology and market position, are wellknown suppliers around the world, and Vacree is the leading supplier in China with the total local share of about 6%. The worldwide market for Cryopump is expected to grow at a CAGR of roughly 3.5% over the next five years, will reach 530 million US\$ in 2023, from 430 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

SHI Cryogenics Group

Ulvac

Brooks

Leybold

Trillium

PHPK Technologies

Vacree

Global Other

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

?1000std. liter

1000-2000std. liter

2000-4000std. liter

?4000std. liter

Market Segment by Applications, can be divided into

Semiconductor Manufacturing

Vacuum Coating

Particle Accelerators

Sputter Deposition Systems

Other Applications

There are 15 Chapters to deeply display the global Cryopump market.

Chapter 1, to describe Cryopump Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Cryopump, with sales, revenue, and price of Cryopump, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Cryopump, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, Cryopump market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Cryopump sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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