

# Global Cryopump Market Research Report 2012-2024

<https://marketpublishers.com/r/G973DAB66C2EN.html>

Date: July 2019

Pages: 78

Price: US\$ 2,270.00 (Single User License)

ID: G973DAB66C2EN

## Abstracts

### SUMMARY

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.

The global Cryopump market will reach xxx Million USD in 2019 with CAGR xx% 2019-2024. The objective of report is to define, segment, and project the market on the basis of product type, application, and region, and to describe the content about the factors influencing market dynamics, policy, economic, technology and market entry etc.

Based on products type, the report describes major products type share of regional market. Products mentioned as follows:

?1000std. liter

1000-2000std. liter

2000-4000std. liter

?4000std. liter

Leading vendors in the market are included based on profile, business performance etc.

Vendors mentioned as follows:

SHI Cryogenics Group

Ulvac

Brooks

Leybold

Trillium

PHPK Technologies

Vacree

Based on Application, the report describes major application share of regional market. Application mentioned as follows:

Semiconductor Manufacturing

Vacuum Coating

Particle Accelerators

Sputter Deposition Systems

Other Applications

Based on region, the report describes major regions market by products and application. Regions mentioned as follows:

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## Contents

### 1 MARKET OVERVIEW

- 1.1 Objectives of Research
  - 1.1.1 Definition
  - 1.1.2 Specifications
- 1.2 Market Segment
  - 1.2.1 by Type
    - 1.2.1.1 ?1000std. liter
    - 1.2.1.2 1000-2000std. liter
    - 1.2.1.3 2000-4000std. liter
    - 1.2.1.4 ?4000std. liter
  - 1.2.2 by Application
    - 1.2.2.1 Semiconductor Manufacturing
    - 1.2.2.2 Vacuum Coating
    - 1.2.2.3 Particle Accelerators
    - 1.2.2.4 Sputter Deposition Systems
    - 1.2.2.5 Other Applications
  - 1.2.3 by Regions

### 2 INDUSTRY CHAIN

- 2.1 Industry Chain Structure
- 2.2 Upstream
- 2.3 Market
  - 2.3.1 SWOT
  - 2.3.2 Dynamics

### 3 ENVIRONMENTAL ANALYSIS

- 3.1 Policy
- 3.2 Economic
- 3.3 Technology
- 3.4 Market Entry

### 4 MARKET SEGMENTATION BY TYPE

- 4.1 Market Size

- 4.1.1 ?1000std. liter Market, 2013-2018
- 4.1.2 1000-2000std. liter Market, 2013-2018
- 4.1.3 2000-4000std. liter Market, 2013-2018
- 4.1.4 ?4000std. liter Market, 2013-2018
- 4.2 Market Forecast
  - 4.2.1 ?1000std. liter Market Forecast, 2019-2024
  - 4.2.2 1000-2000std. liter Market Forecast, 2019-2024
  - 4.2.3 2000-4000std. liter Market Forecast, 2019-2024
  - 4.2.4 ?4000std. liter Market Forecast, 2019-2024

## **5 MARKET SEGMENTATION BY APPLICATION**

- 5.1 Market Size
  - 5.1.1 Semiconductor Manufacturing Market, 2013-2018
  - 5.1.2 Vacuum Coating Market, 2013-2018
  - 5.1.3 Particle Accelerators Market, 2013-2018
  - 5.1.4 Sputter Deposition Systems Market, 2013-2018
  - 5.1.5 Other Applications Market, 2013-2018
- 5.2 Market Forecast
  - 5.2.1 Semiconductor Manufacturing Market Forecast, 2019-2024
  - 5.2.2 Vacuum Coating Market Forecast, 2019-2024
  - 5.2.3 Particle Accelerators Market Forecast, 2019-2024
  - 5.2.4 Sputter Deposition Systems Market Forecast, 2019-2024
  - 5.2.5 Other Applications Market Forecast, 2019-2024

## **6 MARKET SEGMENTATION BY REGION**

- 6.1 Market Size
  - 6.1.1 Asia-Pacific
    - 6.1.1.1 Asia-Pacific Market, 2012-2018
    - 6.1.1.2 Asia-Pacific Market by Type
    - 6.1.1.3 Asia-Pacific Market by Application
  - 6.1.2 North America
    - 6.1.2.1 North America Market, 2012-2018
    - 6.1.2.2 North America Market by Type
    - 6.1.2.3 North America Market by Application
  - 6.1.3 Europe
    - 6.1.3.1 Europe Market, 2012-2018
    - 6.1.3.2 Europe Market by Type

6.1.3.3 Europe Market by Application

6.1.4 South America

6.1.4.1 South America Market, 2012-2018

6.1.4.2 South America Market by Type

6.1.4.3 South America Market by Application

6.1.5 Middle East & Africa

6.1.5.1 Middle East & Africa Market, 2012-2018

6.1.5.2 Middle East & Africa Market by Type

6.1.5.3 Middle East & Africa Market by Application

6.2 Market Forecast

6.2.1 Asia-Pacific Market Forecast, 2019-2024

6.2.2 North America Market Forecast, 2019-2024

6.2.3 Europe Market Forecast, 2019-2024

6.2.4 South America Market Forecast, 2019-2024

6.2.5 Middle East & Africa Market Forecast, 2019-2024

## **7 MARKET COMPETITIVE**

7.1 Global Market by Vendors

7.2 Market Concentration

7.3 Price & Factors

7.4 Marketing Channel

## **8 MAJOR VENDORS**

8.1 SHI Cryogenics Group

8.2 Ulvac

8.3 Brooks

8.4 Leybold

8.5 Trillium

8.6 PHPK Technologies

8.7 Vacree

## **9 CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table Product Specifications of Cryopump
Table Products Segment of Cryopump
Table ?1000std. liter Overview
Table 1000-2000std. liter Overview
Table 2000-4000std. liter Overview
Table ?4000std. liter Overview
Table Global Cryopump Market by Type, 2011-2022 (USD Million)
Table Application Segment of Cryopump
Table Semiconductor Manufacturing Overview
Table Vacuum Coating Overview
Table Particle Accelerators Overview
Table Sputter Deposition Systems Overview
Table Other Applications Overview
Table Global Cryopump Market by Application, 2011-2022 (USD Million)
Table Global Cryopump Market by Region, 2011-2022 (USD Million)
Table Cost of Cryopump
Table Market Dynamics
Table Policy of Cryopump
Table GDP of Major Countries
Table ?1000std. liter CAGR by Revenue and Volume, 2012-2018
Table 1000-2000std. liter CAGR by Revenue and Volume, 2012-2018
Table 2000-4000std. liter CAGR by Revenue and Volume, 2012-2018
Table ?4000std. liter CAGR by Revenue and Volume, 2012-2018
Table ?1000std. liter CAGR by Revenue and Volume, 2012-2024
Table 1000-2000std. liter CAGR by Revenue and Volume, 2012-2024
Table 2000-4000std. liter CAGR by Revenue and Volume, 2012-2024
Table ?4000std. liter CAGR by Revenue and Volume, 2012-2024
Table Semiconductor Manufacturing CAGR by Revenue and Volume, 2012-2018
Table Vacuum Coating CAGR by Revenue and Volume, 2012-2018
Table Particle Accelerators CAGR by Revenue and Volume, 2012-2018
Table Sputter Deposition Systems CAGR by Revenue and Volume, 2012-2018
Table Other Applications CAGR by Revenue and Volume, 2012-2018
Table Global Cryopump Market by Vendors, 2012-2018 (USD Million)
Table Global Cryopump Market by Vendors, 2012-2018 (in Volume)
Table Global Cryopump Market Share by Vendors, 2012-2018 (USD Million)

Table Global Cryopump Market Share by Vendors, 2012-2018 (in Volume)

Table Price Factors List

Table SHI Cryogenics Group Profile List

Table Microecological Modulator Operating Data of SHI Cryogenics Group (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Ulvac Profile List

Table Microecological Modulator Operating Data of Ulvac (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Brooks Profile List

Table Microecological Modulator Operating Data of Brooks (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Leybold Profile List

Table Microecological Modulator Operating Data of Leybold (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Trillium Profile List

Table Microecological Modulator Operating Data of Trillium (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table PHPK Technologies Profile List

Table Microecological Modulator Operating Data of PHPK Technologies (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)

Table Vacree Profile List

Table Microecological Modulator Operating Data of Vacree (Sales Revenue, Sales Volume, Price, Cost, Gross Margin)



## List Of Figures

### LIST OF FIGURES

- Figure Cryopump Picture
- Figure Industry Chain Structure of Cryopump
- Figure SWOT of Cryopump
- Figure ?1000std. liter Market Size and Growth, 2012-2018 (USD Million)
- Figure ?1000std. liter Market Size and Growth, 2012-2018 (in Volume)
- Figure 1000-2000std. liter Market Size and Growth, 2012-2018 (USD Million)
- Figure 1000-2000std. liter Market Size and Growth, 2012-2018 (in Volume)
- Figure 2000-4000std. liter Market Size and Growth, 2012-2018 (USD Million)
- Figure 2000-4000std. liter Market Size and Growth, 2012-2018 (in Volume)
- Figure ?4000std. liter Market Size and Growth, 2012-2018 (USD Million)
- Figure ?4000std. liter Market Size and Growth, 2012-2018 (in Volume)
- Figure ?1000std. liter Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure ?1000std. liter Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 1000-2000std. liter Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 1000-2000std. liter Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure 2000-4000std. liter Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure 2000-4000std. liter Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure ?4000std. liter Market Estimates and Forecasts, 2019-2024 (USD Million)
- Figure ?4000std. liter Market Estimates and Forecasts, 2019-2024 (in Volume)
- Figure Semiconductor Manufacturing Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Vacuum Coating Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Particle Accelerators Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Sputter Deposition Systems Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Other Applications Market Size and Growth, 2012-2018 (USD Million)
- Figure Market Size and Growth, 2012-2018 (in Volume)
- Figure Asia-Pacific Market Size and Growth, 2012-2018 (USD Million)
- Figure Asia-Pacific Market Size and Growth, 2012-2018 (in Volume)
- Figure Asia-Pacific Market Size by Type
- Figure Asia-Pacific Market Share by Type
- Figure Asia-Pacific Market Size by Application
- Figure Asia-Pacific Market Share by Application

Figure North America Market Size and Growth, 2012-2018 (USD Million)  
Figure North America Market Size and Growth, 2012-2018 (in Volume)  
Figure North America Market Size by Type  
Figure North America Market Share by Type  
Figure North America Market Size by Application  
Figure North America Market Share by Application  
Figure Europe Market Size and Growth, 2012-2018 (USD Million)  
Figure Europe Market Size and Growth, 2012-2018 (in Volume)  
Figure Europe Market Size by Type  
Figure Europe Market Share by Type  
Figure Europe Market Size by Application  
Figure Europe Market Share by Application  
Figure South America Market Size and Growth, 2012-2018 (USD Million)  
Figure South America Market Size and Growth, 2012-2018 (in Volume)  
Figure South America Market Size by Type  
Figure South America Market Share by Type  
Figure South America Market Size by Application  
Figure South America Market Share by Application  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (USD Million)  
Figure Middle East & Africa Market Size and Growth, 2012-2018 (in Volume)  
Figure Middle East & Africa Market Size by Type  
Figure Middle East & Africa Market Share by Type  
Figure Middle East & Africa Market Size by Application  
Figure Middle East & Africa Market Share by Application  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Asia-Pacific Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure North America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure North America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Europe Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure South America Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure South America Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (USD Million)  
Figure Middle East & Africa Market Estimates and Forecasts, 2019-2024 (in Volume)  
Figure Cryopump Market Concentration by Region  
Figure Marketing Channels Overview

## I would like to order

Product name: Global Cryopump Market Research Report 2012-2024

Product link: <https://marketpublishers.com/r/G973DAB66C2EN.html>

Price: US\$ 2,270.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G973DAB66C2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970