

# Global Open Loop Liquid Helium Cryostat Market Growth 2024-2030

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## Abstracts

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An Open Loop Liquid Helium Cryostat is a specialized device used for maintaining ultra-low temperatures, typically below 4 Kelvin, using liquid helium as a coolant. Unlike closed-loop systems, open-loop cryostats do not recirculate the coolant but rely on continuous supply and venting of helium gas. These cryostats are crucial for various scientific experiments and applications requiring extremely low temperatures, such as superconductivity studies, quantum computing, and materials research.

The global Open Loop Liquid Helium Cryostat market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of %from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "Open Loop Liquid Helium Cryostat Industry Forecast" looks at past sales and reviews total world Open Loop Liquid Helium Cryostat sales in 2023, providing a comprehensive analysis by region and market sector of projected Open Loop Liquid Helium Cryostat sales for 2024 through 2030. With Open Loop Liquid Helium Cryostat sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Open Loop Liquid Helium Cryostat industry.

This Insight Report provides a comprehensive analysis of the global Open Loop Liquid Helium Cryostat 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 Open Loop Liquid Helium Cryostat portfolios and capabilities, market entry strategies,

market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Open Loop Liquid Helium Cryostat market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Open Loop Liquid Helium Cryostat 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 Open Loop Liquid Helium Cryostat.

United States market for Open Loop Liquid Helium Cryostat is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for Open Loop Liquid Helium Cryostat is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for Open Loop Liquid Helium Cryostat is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key Open Loop Liquid Helium Cryostat players cover Attocube, Advanced Research Systems(ARS), CryoVac, Lake Shore Cryotronics, Bluefors, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of Open Loop Liquid Helium Cryostat market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Top-loading

Tabletop

Segmentation by Application:

Scientific Research

Semiconductor Testing

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.

Attocube

Advanced Research Systems(ARS)

CryoVac

Lake Shore Cryotronics

Bluefors

Oxford Instruments

RHK Technology

Montana Instruments

Single Quantum

Dexing Magnet

Physike Technology

ColdEdge Technologies

ICEoxford

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Open Loop Liquid Helium Cryostat market?

What factors are driving Open Loop Liquid Helium Cryostat market growth, globally and by region?

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

How do Open Loop Liquid Helium Cryostat market opportunities vary by end market size?

How does Open Loop Liquid Helium Cryostat break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Open Loop Liquid Helium Cryostat Annual Sales 2019-2030
  - 2.1.2 World Current & Future Analysis for Open Loop Liquid Helium Cryostat by Geographic Region, 2019, 2023 & 2030
  - 2.1.3 World Current & Future Analysis for Open Loop Liquid Helium Cryostat by Country/Region, 2019, 2023 & 2030
- 2.2 Open Loop Liquid Helium Cryostat Segment by Type
  - 2.2.1 Top-loading
  - 2.2.2 Tabletop
- 2.3 Open Loop Liquid Helium Cryostat Sales by Type
  - 2.3.1 Global Open Loop Liquid Helium Cryostat Sales Market Share by Type (2019-2024)
  - 2.3.2 Global Open Loop Liquid Helium Cryostat Revenue and Market Share by Type (2019-2024)
  - 2.3.3 Global Open Loop Liquid Helium Cryostat Sale Price by Type (2019-2024)
- 2.4 Open Loop Liquid Helium Cryostat Segment by Application
  - 2.4.1 Scientific Research
  - 2.4.2 Semiconductor Testing
  - 2.4.3 Others
- 2.5 Open Loop Liquid Helium Cryostat Sales by Application
  - 2.5.1 Global Open Loop Liquid Helium Cryostat Sale Market Share by Application (2019-2024)
  - 2.5.2 Global Open Loop Liquid Helium Cryostat Revenue and Market Share by Application (2019-2024)

### 2.5.3 Global Open Loop Liquid Helium Cryostat Sale Price by Application (2019-2024)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Open Loop Liquid Helium Cryostat Breakdown Data by Company

#### 3.1.1 Global Open Loop Liquid Helium Cryostat Annual Sales by Company (2019-2024)

#### 3.1.2 Global Open Loop Liquid Helium Cryostat Sales Market Share by Company (2019-2024)

### 3.2 Global Open Loop Liquid Helium Cryostat Annual Revenue by Company (2019-2024)

#### 3.2.1 Global Open Loop Liquid Helium Cryostat Revenue by Company (2019-2024)

#### 3.2.2 Global Open Loop Liquid Helium Cryostat Revenue Market Share by Company (2019-2024)

### 3.3 Global Open Loop Liquid Helium Cryostat Sale Price by Company

### 3.4 Key Manufacturers Open Loop Liquid Helium Cryostat Producing Area Distribution, Sales Area, Product Type

#### 3.4.1 Key Manufacturers Open Loop Liquid Helium Cryostat Product Location Distribution

#### 3.4.2 Players Open Loop Liquid Helium Cryostat Products Offered

### 3.5 Market Concentration Rate Analysis

#### 3.5.1 Competition Landscape Analysis

#### 3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

### 3.6 New Products and Potential Entrants

### 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR OPEN LOOP LIQUID HELIUM CRYOSTAT BY GEOGRAPHIC REGION**

### 4.1 World Historic Open Loop Liquid Helium Cryostat Market Size by Geographic Region (2019-2024)

#### 4.1.1 Global Open Loop Liquid Helium Cryostat Annual Sales by Geographic Region (2019-2024)

#### 4.1.2 Global Open Loop Liquid Helium Cryostat Annual Revenue by Geographic Region (2019-2024)

### 4.2 World Historic Open Loop Liquid Helium Cryostat Market Size by Country/Region (2019-2024)

#### 4.2.1 Global Open Loop Liquid Helium Cryostat Annual Sales by Country/Region (2019-2024)

4.2.2 Global Open Loop Liquid Helium Cryostat Annual Revenue by Country/Region (2019-2024)

4.3 Americas Open Loop Liquid Helium Cryostat Sales Growth

4.4 APAC Open Loop Liquid Helium Cryostat Sales Growth

4.5 Europe Open Loop Liquid Helium Cryostat Sales Growth

4.6 Middle East & Africa Open Loop Liquid Helium Cryostat Sales Growth

## **5 AMERICAS**

5.1 Americas Open Loop Liquid Helium Cryostat Sales by Country

5.1.1 Americas Open Loop Liquid Helium Cryostat Sales by Country (2019-2024)

5.1.2 Americas Open Loop Liquid Helium Cryostat Revenue by Country (2019-2024)

5.2 Americas Open Loop Liquid Helium Cryostat Sales by Type (2019-2024)

5.3 Americas Open Loop Liquid Helium Cryostat Sales by Application (2019-2024)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Open Loop Liquid Helium Cryostat Sales by Region

6.1.1 APAC Open Loop Liquid Helium Cryostat Sales by Region (2019-2024)

6.1.2 APAC Open Loop Liquid Helium Cryostat Revenue by Region (2019-2024)

6.2 APAC Open Loop Liquid Helium Cryostat Sales by Type (2019-2024)

6.3 APAC Open Loop Liquid Helium Cryostat Sales by Application (2019-2024)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

## **7 EUROPE**

7.1 Europe Open Loop Liquid Helium Cryostat by Country

7.1.1 Europe Open Loop Liquid Helium Cryostat Sales by Country (2019-2024)

7.1.2 Europe Open Loop Liquid Helium Cryostat Revenue by Country (2019-2024)



- 7.2 Europe Open Loop Liquid Helium Cryostat Sales by Type (2019-2024)
- 7.3 Europe Open Loop Liquid Helium Cryostat Sales by Application (2019-2024)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Open Loop Liquid Helium Cryostat by Country
  - 8.1.1 Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Country (2019-2024)
  - 8.1.2 Middle East & Africa Open Loop Liquid Helium Cryostat Revenue by Country (2019-2024)
- 8.2 Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Type (2019-2024)
- 8.3 Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Application (2019-2024)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities
- 9.2 Market Challenges & Risks
- 9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Open Loop Liquid Helium Cryostat
- 10.3 Manufacturing Process Analysis of Open Loop Liquid Helium Cryostat
- 10.4 Industry Chain Structure of Open Loop Liquid Helium Cryostat

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

- 11.1 Sales Channel
  - 11.1.1 Direct Channels
  - 11.1.2 Indirect Channels
- 11.2 Open Loop Liquid Helium Cryostat Distributors
- 11.3 Open Loop Liquid Helium Cryostat Customer

## **12 WORLD FORECAST REVIEW FOR OPEN LOOP LIQUID HELIUM CRYOSTAT BY GEOGRAPHIC REGION**

- 12.1 Global Open Loop Liquid Helium Cryostat Market Size Forecast by Region
  - 12.1.1 Global Open Loop Liquid Helium Cryostat Forecast by Region (2025-2030)
  - 12.1.2 Global Open Loop Liquid Helium Cryostat Annual Revenue Forecast by Region (2025-2030)
- 12.2 Americas Forecast by Country (2025-2030)
- 12.3 APAC Forecast by Region (2025-2030)
- 12.4 Europe Forecast by Country (2025-2030)
- 12.5 Middle East & Africa Forecast by Country (2025-2030)
- 12.6 Global Open Loop Liquid Helium Cryostat Forecast by Type (2025-2030)
- 12.7 Global Open Loop Liquid Helium Cryostat Forecast by Application (2025-2030)

## **13 KEY PLAYERS ANALYSIS**

- 13.1 Attocube
  - 13.1.1 Attocube Company Information
  - 13.1.2 Attocube Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.1.3 Attocube Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.1.4 Attocube Main Business Overview
  - 13.1.5 Attocube Latest Developments
- 13.2 Advanced Research Systems(ARS)
  - 13.2.1 Advanced Research Systems(ARS) Company Information
  - 13.2.2 Advanced Research Systems(ARS) Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.2.3 Advanced Research Systems(ARS) Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.2.4 Advanced Research Systems(ARS) Main Business Overview
  - 13.2.5 Advanced Research Systems(ARS) Latest Developments
- 13.3 CryoVac

- 13.3.1 CryoVac Company Information
- 13.3.2 CryoVac Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
- 13.3.3 CryoVac Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
- 13.3.4 CryoVac Main Business Overview
- 13.3.5 CryoVac Latest Developments
- 13.4 Lake Shore Cryotronics
  - 13.4.1 Lake Shore Cryotronics Company Information
  - 13.4.2 Lake Shore Cryotronics Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.4.3 Lake Shore Cryotronics Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.4.4 Lake Shore Cryotronics Main Business Overview
  - 13.4.5 Lake Shore Cryotronics Latest Developments
- 13.5 Bluefors
  - 13.5.1 Bluefors Company Information
  - 13.5.2 Bluefors Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.5.3 Bluefors Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.5.4 Bluefors Main Business Overview
  - 13.5.5 Bluefors Latest Developments
- 13.6 Oxford Instruments
  - 13.6.1 Oxford Instruments Company Information
  - 13.6.2 Oxford Instruments Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.6.3 Oxford Instruments Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.6.4 Oxford Instruments Main Business Overview
  - 13.6.5 Oxford Instruments Latest Developments
- 13.7 RHK Technology
  - 13.7.1 RHK Technology Company Information
  - 13.7.2 RHK Technology Open Loop Liquid Helium Cryostat Product Portfolios and Specifications
  - 13.7.3 RHK Technology Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)
  - 13.7.4 RHK Technology Main Business Overview
  - 13.7.5 RHK Technology Latest Developments

## 13.8 Montana Instruments

13.8.1 Montana Instruments Company Information

13.8.2 Montana Instruments Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.8.3 Montana Instruments Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.8.4 Montana Instruments Main Business Overview

13.8.5 Montana Instruments Latest Developments

## 13.9 Single Quantum

13.9.1 Single Quantum Company Information

13.9.2 Single Quantum Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.9.3 Single Quantum Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.9.4 Single Quantum Main Business Overview

13.9.5 Single Quantum Latest Developments

## 13.10 Dexion Magnet

13.10.1 Dexion Magnet Company Information

13.10.2 Dexion Magnet Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.10.3 Dexion Magnet Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.10.4 Dexion Magnet Main Business Overview

13.10.5 Dexion Magnet Latest Developments

## 13.11 Physike Technology

13.11.1 Physike Technology Company Information

13.11.2 Physike Technology Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.11.3 Physike Technology Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.11.4 Physike Technology Main Business Overview

13.11.5 Physike Technology Latest Developments

## 13.12 ColdEdge Technologies

13.12.1 ColdEdge Technologies Company Information

13.12.2 ColdEdge Technologies Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.12.3 ColdEdge Technologies Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.12.4 ColdEdge Technologies Main Business Overview

13.12.5 ColdEdge Technologies Latest Developments

13.13 ICEoxford

13.13.1 ICEoxford Company Information

13.13.2 ICEoxford Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

13.13.3 ICEoxford Open Loop Liquid Helium Cryostat Sales, Revenue, Price and Gross Margin (2019-2024)

13.13.4 ICEoxford Main Business Overview

13.13.5 ICEoxford Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Open Loop Liquid Helium Cryostat Annual Sales CAGR by Geographic Region (2019, 2023 & 2030) & (\$ millions)

Table 2. Open Loop Liquid Helium Cryostat Annual Sales CAGR by Country/Region (2019, 2023 & 2030) & (\$ millions)

Table 3. Major Players of Top-loading

Table 4. Major Players of Tabletop

Table 5. Global Open Loop Liquid Helium Cryostat Sales by Type (2019-2024) & (K Units)

Table 6. Global Open Loop Liquid Helium Cryostat Sales Market Share by Type (2019-2024)

Table 7. Global Open Loop Liquid Helium Cryostat Revenue by Type (2019-2024) & (\$ million)

Table 8. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Type (2019-2024)

Table 9. Global Open Loop Liquid Helium Cryostat Sale Price by Type (2019-2024) & (US\$/Unit)

Table 10. Global Open Loop Liquid Helium Cryostat Sale by Application (2019-2024) & (K Units)

Table 11. Global Open Loop Liquid Helium Cryostat Sale Market Share by Application (2019-2024)

Table 12. Global Open Loop Liquid Helium Cryostat Revenue by Application (2019-2024) & (\$ million)

Table 13. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Application (2019-2024)

Table 14. Global Open Loop Liquid Helium Cryostat Sale Price by Application (2019-2024) & (US\$/Unit)

Table 15. Global Open Loop Liquid Helium Cryostat Sales by Company (2019-2024) & (K Units)

Table 16. Global Open Loop Liquid Helium Cryostat Sales Market Share by Company (2019-2024)

Table 17. Global Open Loop Liquid Helium Cryostat Revenue by Company (2019-2024) & (\$ millions)

Table 18. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Company (2019-2024)

Table 19. Global Open Loop Liquid Helium Cryostat Sale Price by Company

(2019-2024) & (US\$/Unit)

Table 20. Key Manufacturers Open Loop Liquid Helium Cryostat Producing Area Distribution and Sales Area

Table 21. Players Open Loop Liquid Helium Cryostat Products Offered

Table 22. Open Loop Liquid Helium Cryostat Concentration Ratio (CR3, CR5 and CR10) & (2019-2024)

Table 23. New Products and Potential Entrants

Table 24. Market M&A Activity & Strategy

Table 25. Global Open Loop Liquid Helium Cryostat Sales by Geographic Region (2019-2024) & (K Units)

Table 26. Global Open Loop Liquid Helium Cryostat Sales Market Share Geographic Region (2019-2024)

Table 27. Global Open Loop Liquid Helium Cryostat Revenue by Geographic Region (2019-2024) & (\$ millions)

Table 28. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Geographic Region (2019-2024)

Table 29. Global Open Loop Liquid Helium Cryostat Sales by Country/Region (2019-2024) & (K Units)

Table 30. Global Open Loop Liquid Helium Cryostat Sales Market Share by Country/Region (2019-2024)

Table 31. Global Open Loop Liquid Helium Cryostat Revenue by Country/Region (2019-2024) & (\$ millions)

Table 32. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Country/Region (2019-2024)

Table 33. Americas Open Loop Liquid Helium Cryostat Sales by Country (2019-2024) & (K Units)

Table 34. Americas Open Loop Liquid Helium Cryostat Sales Market Share by Country (2019-2024)

Table 35. Americas Open Loop Liquid Helium Cryostat Revenue by Country (2019-2024) & (\$ millions)

Table 36. Americas Open Loop Liquid Helium Cryostat Sales by Type (2019-2024) & (K Units)

Table 37. Americas Open Loop Liquid Helium Cryostat Sales by Application (2019-2024) & (K Units)

Table 38. APAC Open Loop Liquid Helium Cryostat Sales by Region (2019-2024) & (K Units)

Table 39. APAC Open Loop Liquid Helium Cryostat Sales Market Share by Region (2019-2024)

Table 40. APAC Open Loop Liquid Helium Cryostat Revenue by Region (2019-2024) &



(\$ millions)

Table 41. APAC Open Loop Liquid Helium Cryostat Sales by Type (2019-2024) & (K Units)

Table 42. APAC Open Loop Liquid Helium Cryostat Sales by Application (2019-2024) & (K Units)

Table 43. Europe Open Loop Liquid Helium Cryostat Sales by Country (2019-2024) & (K Units)

Table 44. Europe Open Loop Liquid Helium Cryostat Revenue by Country (2019-2024) & (\$ millions)

Table 45. Europe Open Loop Liquid Helium Cryostat Sales by Type (2019-2024) & (K Units)

Table 46. Europe Open Loop Liquid Helium Cryostat Sales by Application (2019-2024) & (K Units)

Table 47. Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Country (2019-2024) & (K Units)

Table 48. Middle East & Africa Open Loop Liquid Helium Cryostat Revenue Market Share by Country (2019-2024)

Table 49. Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Type (2019-2024) & (K Units)

Table 50. Middle East & Africa Open Loop Liquid Helium Cryostat Sales by Application (2019-2024) & (K Units)

Table 51. Key Market Drivers & Growth Opportunities of Open Loop Liquid Helium Cryostat

Table 52. Key Market Challenges & Risks of Open Loop Liquid Helium Cryostat

Table 53. Key Industry Trends of Open Loop Liquid Helium Cryostat

Table 54. Open Loop Liquid Helium Cryostat Raw Material

Table 55. Key Suppliers of Raw Materials

Table 56. Open Loop Liquid Helium Cryostat Distributors List

Table 57. Open Loop Liquid Helium Cryostat Customer List

Table 58. Global Open Loop Liquid Helium Cryostat Sales Forecast by Region (2025-2030) & (K Units)

Table 59. Global Open Loop Liquid Helium Cryostat Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 60. Americas Open Loop Liquid Helium Cryostat Sales Forecast by Country (2025-2030) & (K Units)

Table 61. Americas Open Loop Liquid Helium Cryostat Annual Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 62. APAC Open Loop Liquid Helium Cryostat Sales Forecast by Region (2025-2030) & (K Units)



Table 63. APAC Open Loop Liquid Helium Cryostat Annual Revenue Forecast by Region (2025-2030) & (\$ millions)

Table 64. Europe Open Loop Liquid Helium Cryostat Sales Forecast by Country (2025-2030) & (K Units)

Table 65. Europe Open Loop Liquid Helium Cryostat Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 66. Middle East & Africa Open Loop Liquid Helium Cryostat Sales Forecast by Country (2025-2030) & (K Units)

Table 67. Middle East & Africa Open Loop Liquid Helium Cryostat Revenue Forecast by Country (2025-2030) & (\$ millions)

Table 68. Global Open Loop Liquid Helium Cryostat Sales Forecast by Type (2025-2030) & (K Units)

Table 69. Global Open Loop Liquid Helium Cryostat Revenue Forecast by Type (2025-2030) & (\$ millions)

Table 70. Global Open Loop Liquid Helium Cryostat Sales Forecast by Application (2025-2030) & (K Units)

Table 71. Global Open Loop Liquid Helium Cryostat Revenue Forecast by Application (2025-2030) & (\$ millions)

Table 72. Attocube Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 73. Attocube Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 74. Attocube Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 75. Attocube Main Business

Table 76. Attocube Latest Developments

Table 77. Advanced Research Systems(ARS) Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 78. Advanced Research Systems(ARS) Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 79. Advanced Research Systems(ARS) Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 80. Advanced Research Systems(ARS) Main Business

Table 81. Advanced Research Systems(ARS) Latest Developments

Table 82. CryoVac Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 83. CryoVac Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 84. CryoVac Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$

Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 85. CryoVac Main Business

Table 86. CryoVac Latest Developments

Table 87. Lake Shore Cryotronics Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 88. Lake Shore Cryotronics Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 89. Lake Shore Cryotronics Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 90. Lake Shore Cryotronics Main Business

Table 91. Lake Shore Cryotronics Latest Developments

Table 92. Bluefors Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 93. Bluefors Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 94. Bluefors Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 95. Bluefors Main Business

Table 96. Bluefors Latest Developments

Table 97. Oxford Instruments Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 98. Oxford Instruments Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 99. Oxford Instruments Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 100. Oxford Instruments Main Business

Table 101. Oxford Instruments Latest Developments

Table 102. RHK Technology Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 103. RHK Technology Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 104. RHK Technology Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 105. RHK Technology Main Business

Table 106. RHK Technology Latest Developments

Table 107. Montana Instruments Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 108. Montana Instruments Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 109. Montana Instruments Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 110. Montana Instruments Main Business

Table 111. Montana Instruments Latest Developments

Table 112. Single Quantum Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 113. Single Quantum Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 114. Single Quantum Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 115. Single Quantum Main Business

Table 116. Single Quantum Latest Developments

Table 117. Dexing Magnet Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 118. Dexing Magnet Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 119. Dexing Magnet Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 120. Dexing Magnet Main Business

Table 121. Dexing Magnet Latest Developments

Table 122. Physike Technology Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 123. Physike Technology Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 124. Physike Technology Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 125. Physike Technology Main Business

Table 126. Physike Technology Latest Developments

Table 127. ColdEdge Technologies Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 128. ColdEdge Technologies Open Loop Liquid Helium Cryostat Product Portfolios and Specifications

Table 129. ColdEdge Technologies Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 130. ColdEdge Technologies Main Business

Table 131. ColdEdge Technologies Latest Developments

Table 132. ICEoxford Basic Information, Open Loop Liquid Helium Cryostat Manufacturing Base, Sales Area and Its Competitors

Table 133. ICEoxford Open Loop Liquid Helium Cryostat Product Portfolios and

## Specifications

Table 134. ICEoxford Open Loop Liquid Helium Cryostat Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2019-2024)

Table 135. ICEoxford Main Business

Table 136. ICEoxford Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Open Loop Liquid Helium Cryostat
- Figure 2. Open Loop Liquid Helium Cryostat Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Open Loop Liquid Helium Cryostat Sales Growth Rate 2019-2030 (K Units)
- Figure 7. Global Open Loop Liquid Helium Cryostat Revenue Growth Rate 2019-2030 (\$ millions)
- Figure 8. Open Loop Liquid Helium Cryostat Sales by Geographic Region (2019, 2023 & 2030) & (\$ millions)
- Figure 9. Open Loop Liquid Helium Cryostat Sales Market Share by Country/Region (2023)
- Figure 10. Open Loop Liquid Helium Cryostat Sales Market Share by Country/Region (2019, 2023 & 2030)
- Figure 11. Product Picture of Top-loading
- Figure 12. Product Picture of Tabletop
- Figure 13. Global Open Loop Liquid Helium Cryostat Sales Market Share by Type in 2023
- Figure 14. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Type (2019-2024)
- Figure 15. Open Loop Liquid Helium Cryostat Consumed in Scientific Research
- Figure 16. Global Open Loop Liquid Helium Cryostat Market: Scientific Research (2019-2024) & (K Units)
- Figure 17. Open Loop Liquid Helium Cryostat Consumed in Semiconductor Testing
- Figure 18. Global Open Loop Liquid Helium Cryostat Market: Semiconductor Testing (2019-2024) & (K Units)
- Figure 19. Open Loop Liquid Helium Cryostat Consumed in Others
- Figure 20. Global Open Loop Liquid Helium Cryostat Market: Others (2019-2024) & (K Units)
- Figure 21. Global Open Loop Liquid Helium Cryostat Sale Market Share by Application (2023)
- Figure 22. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Application in 2023
- Figure 23. Open Loop Liquid Helium Cryostat Sales by Company in 2023 (K Units)

Figure 24. Global Open Loop Liquid Helium Cryostat Sales Market Share by Company in 2023

Figure 25. Open Loop Liquid Helium Cryostat Revenue by Company in 2023 (\$ millions)

Figure 26. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Company in 2023

Figure 27. Global Open Loop Liquid Helium Cryostat Sales Market Share by Geographic Region (2019-2024)

Figure 28. Global Open Loop Liquid Helium Cryostat Revenue Market Share by Geographic Region in 2023

Figure 29. Americas Open Loop Liquid Helium Cryostat Sales 2019-2024 (K Units)

Figure 30. Americas Open Loop Liquid Helium Cryostat Revenue 2019-2024 (\$ millions)

Figure 31. APAC Open Loop Liquid Helium Cryostat Sales 2019-2024 (K Units)

Figure 32. APAC Open Loop Liquid Helium Cryostat Revenue 2019-2024 (\$ millions)

Figure 33. Europe Open Loop Liquid Helium Cryostat Sales 2019-2024 (K Units)

Figure 34. Europe Open Loop Liquid Helium Cryostat Revenue 2019-2024 (\$ millions)

Figure 35. Middle East & Africa Open Loop Liquid Helium Cryostat Sales 2019-2024 (K Units)

Figure 36. Middle East & Africa Open Loop Liquid Helium Cryostat Revenue 2019-2024 (\$ millions)

Figure 37. Americas Open Loop Liquid Helium Cryostat Sales Market Share by Country in 2023

Figure 38. Americas Open Loop Liquid Helium Cryostat Revenue Market Share by Country (2019-2024)

Figure 39. Americas Open Loop Liquid Helium Cryostat Sales Market Share by Type (2019-2024)

Figure 40. Americas Open Loop Liquid Helium Cryostat Sales Market Share by Application (2019-2024)

Figure 41. United States Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 42. Canada Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 43. Mexico Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 44. Brazil Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 45. APAC Open Loop Liquid Helium Cryostat Sales Market Share by Region in 2023

Figure 46. APAC Open Loop Liquid Helium Cryostat Revenue Market Share by Region (2019-2024)



Figure 47. APAC Open Loop Liquid Helium Cryostat Sales Market Share by Type (2019-2024)

Figure 48. APAC Open Loop Liquid Helium Cryostat Sales Market Share by Application (2019-2024)

Figure 49. China Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 50. Japan Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 51. South Korea Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 52. Southeast Asia Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 53. India Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 54. Australia Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 55. China Taiwan Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 56. Europe Open Loop Liquid Helium Cryostat Sales Market Share by Country in 2023

Figure 57. Europe Open Loop Liquid Helium Cryostat Revenue Market Share by Country (2019-2024)

Figure 58. Europe Open Loop Liquid Helium Cryostat Sales Market Share by Type (2019-2024)

Figure 59. Europe Open Loop Liquid Helium Cryostat Sales Market Share by Application (2019-2024)

Figure 60. Germany Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 61. France Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 62. UK Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 63. Italy Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 64. Russia Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 65. Middle East & Africa Open Loop Liquid Helium Cryostat Sales Market Share by Country (2019-2024)

Figure 66. Middle East & Africa Open Loop Liquid Helium Cryostat Sales Market Share

by Type (2019-2024)

Figure 67. Middle East & Africa Open Loop Liquid Helium Cryostat Sales Market Share by Application (2019-2024)

Figure 68. Egypt Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 69. South Africa Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 70. Israel Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 71. Turkey Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 72. GCC Countries Open Loop Liquid Helium Cryostat Revenue Growth 2019-2024 (\$ millions)

Figure 73. Manufacturing Cost Structure Analysis of Open Loop Liquid Helium Cryostat in 2023

Figure 74. Manufacturing Process Analysis of Open Loop Liquid Helium Cryostat

Figure 75. Industry Chain Structure of Open Loop Liquid Helium Cryostat

Figure 76. Channels of Distribution

Figure 77. Global Open Loop Liquid Helium Cryostat Sales Market Forecast by Region (2025-2030)

Figure 78. Global Open Loop Liquid Helium Cryostat Revenue Market Share Forecast by Region (2025-2030)

Figure 79. Global Open Loop Liquid Helium Cryostat Sales Market Share Forecast by Type (2025-2030)

Figure 80. Global Open Loop Liquid Helium Cryostat Revenue Market Share Forecast by Type (2025-2030)

Figure 81. Global Open Loop Liquid Helium Cryostat Sales Market Share Forecast by Application (2025-2030)

Figure 82. Global Open Loop Liquid Helium Cryostat Revenue Market Share Forecast by Application (2025-2030)



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