Cryostat Market by Type, System Component, Cryogen, Industry & Geography - Global Forecast to 2022

Description: “Cryostats market to grow at a CAGR of 6% between 2016 and 2022”

The cryostat market is expected to reach USD 2.90 billion by 2022 at a CAGR of 6% between 2016 and 2022. Increasing demand for cryostats for cooling infrared sensors in various healthcare machines, in research centers, and in the energy & power and aerospace industries is expected to drive the growth of the market.

“Cryostats market for the aerospace industry expected to register the highest growth rate during the forecast period”

The healthcare industry contributes the maximum toward the cryostats market. However, the cryostats market for the aerospace industry is expected to exhibit the highest growth rate during the forecast period. These devices are used for cooling infrared sensors during numerous astronomical studies. Some of the major studies conducted by various space and satellite agencies include space astronomy and planetary science.

“North America expected to hold the largest market share during the forecast period”

North America held the major share of the overall cryostats market in 2015. The U.S. is the prime contributor to the market in this region due to the availability of advanced healthcare services, in which cryostats are widely used, in this nation. The market in APAC is estimated to grow at the highest rate during the forecast period. Several countries in APAC import natural gases, which is boosting the trade as well as the growth of the market for cryogenics in this region. Asian economies, such as China and Japan, are unfolding new growth avenues for various companies operating in the healthcare and energy & power sectors, thereby, providing growth opportunities for the market in this region.

In the process of determining and verifying the market size for several segments and subsegments of the cryostats market gathered through the secondary research, extensive primary interviews have been conducted with key industry people. Break-up of the profiles of primary participants is shown below:

- By Company Type: Tier 1: 25%, Tier 2: 35%, and Tier 3: 40%
- By Designation: C-Level Executives: 35%, Directors: 25%, and Others: 40%
- By Region: North America: 43%, Europe: 29%, APAC: 14%, and RoW: 14%

The market in this report, on the basis of geography, has been segmented into four major regions: North America, Europe, APAC, and RoW. The report also profiles major players in the cryostat market; some of which are Leica Biosystems Nussloch GmbH (Germany), Cryomech, Inc. (U.S.), Advanced Medical and Optical Systems (Belgium), Bright Instruments (U.K.), Jinhua YIDI Medical Appliance Co., Ltd. (China), SLEE Medical GmbH (Germany), Thermo Fisher Scientific Inc. (U.S.), Janis Research Company, LLC (U.S.), and Amos Scientific Pty Ltd. (Australia) among others.

Reasons to buy the report:

From an insight perspective, this research report has focused on various levels of analysis - industry analysis (industry trends), market share analysis of top players, supply chain analysis, and company profiles, which together comprise and discuss the basic views on the competitive landscape; emerging and high-growth segments of the cryostats market; high-growth regions; and market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

- Market Penetration: Comprehensive information on products offered by the top players in the global cryostats market
- Product Development/Innovation: Detailed insights on upcoming technologies, R&D activities, and new
product launches in the cryostats market

- Market Development: Comprehensive information about lucrative emerging markets - the report analyzes the market for cryostats across regions

- Market Diversification: Exhaustive information about new products, untapped geographies, recent developments, and investments in the global cryostats market

- Competitive Assessment: In-depth assessment of market shares, strategies, products, and manufacturing capabilities of the leading players in the cryostats market

Contents:

1 Introduction
1.1 Study Objectives
1.2 Market Definition
1.3 Study Scope
1.3.1 Markets Covered
1.3.2 Geographic Scope
1.3.3 Years Considered For The Study
1.4 Currency
1.5 Limitations
1.6 Stakeholders
2 Research Methodology
2.1 Research Data
2.1.1 Secondary Data
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Data
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.1.2.3 Breakdown Of Primaries
2.2 Demand Side Analysis Of The Cryostats Market
2.2.1 Introduction
2.2.2 Demand-Side Analysis
2.2.2.1 Increased Spending On Healthcare By The Developed And Developing Economies
2.3 Market Size Estimation
2.3.1 Bottom-Up Approach
2.3.2 Top-Down Approach
2.4 Market Breakdown And Data Triangulation
2.5 Research Assumptions
3 Executive Summary
4 Premium Insights
4.1 Attractive Opportunities In The Cryostats Market
4.2 Cryostats Market, By Type
4.2.1 Market For Bath Cryostats Expected To Grow At The Highest Rate During The Forecast Period
4.3 Cryostats Market In APAC
4.3.1 Healthcare Industry Held The Largest Share Of The Cryostats Market In APAC In 2015
4.4 U.S. Held The Largest Share Of The Cryostats Market In 2015
4.5 Cryostats Market, By Industry
4.5.1 Healthcare Industry Expected To Hold The Largest Size Of The Cryostats Market During The Forecast Period
4.6 Life Cycle Analysis, By Region
4.6.1 APAC Likely To Be In The Growth Phase During The Forecast Period
5 Market Overview
5.1 Introduction
5.2 Evolution
5.3 Market Segmentation
5.3.1 Cryostats Market, By Type
5.3.2 Cryostats Market, By System Component
5.3.3 Cryostats Market, By Cryogen
5.3.4 Cryostats Market, By Industry
5.3.5 Cryostats Market, By Geography
5.4 Market Dynamics
5.4.1 Drivers
5.4.1.1 High Demand For Effective Healthcare Services In Developing Economies
5.4.1.2 Increase In The Production Of Liquefied Natural Gas
5.4.2 Restraints
5.4.2.1 High Input Power Consumption
5.4.3 Opportunities
5.4.3.1 Growing Demand For Cryostats For Aerospace Applications
5.4.3.2 Increasing Usage Of Natural Gas Pipelines
5.4.4 Challenges
5.4.4.1 Leakage Of Cryogen Gases

6 Industry Trends
6.1 Introduction
6.2 Value Chain Analysis
6.3 Porter'S Five Forces Analysis
6.3.1 Threat Of Substitutes
6.3.2 Threat Of New Entrants
6.3.3 Bargaining Power Of Buyers
6.3.4 Bargaining Power Of Suppliers
6.3.5 Intensity Of Competitive Rivalry

7 Cryostats Market, By Type
7.1 Introduction
7.2 Closed-Cycle Cryostats
7.3 Continuous-Flow Cryostats
7.4 Bath Cryostats
7.5 Multistage Cryostats

8 Cryostats Market, By System Component
8.1 Introduction
8.2 Dewars
8.3 Transfer Tubes
8.4 Gas Flow Pumps
8.5 Temperature Controllers
8.6 High Vacuum Pumps
8.7 Microtome Blades
8.8 Others

9 Cryostats Market, By Cryogen
9.1 Introduction
9.2 Helium
9.3 Nitrogen
9.4 Other

10 Cryostats Market, By Industry
10.1 Introduction
10.2 Healthcare
10.2.1 MRI
10.2.2 Frozen Tissue Sectioning
10.2.3 Exploratory Surgeries
10.2.4 Others
10.3 Energy & Power
10.4 Aerospace
10.5 Metallurgy
10.6 Biotechnology
10.6.1 Veterinary Studies
10.6.2 Agricultural Research
10.6.3 Bio-Chemistry
10.7 Forensic Science
10.8 Marine Biology
10.9 Others

11 Geographic Analysis
11.1 Introduction
11.2 North America
11.2.1 U.S.
11.2.1.1 U.S. Was The Largest Market For Cryostats In North America In 2015
11.2.2 Canada
11.2.2.1 Canada Held The Second Largest Share Of The Cryostats Market In North America In 2015
11.2.3 Mexico
11.2.3.1 Development In Infrastructure And Favorable Labor Rates Are Driving The Growth Of The Cryostats Market
11.3 Europe
11.3.1 U.K.
11.3.1.1 Cryostats Market In The U.K. Is Witnessing Significant Growth
11.3.2 Germany
11.3.2.1 Germany Was The Largest Market For Cryostats In Europe In 2015
11.3.3 France
11.3.3.1 Cryostats Market In France Is Expected To Exhibit The Fastest Growth Rate During The Forecast Period
11.3.4 Rest Of Europe
11.4 APAC
11.4.1 China
11.4.1.1 China Is A Market Leader For Cryostats In APAC
11.4.2 Japan
11.4.2.1 Japan Is One Of The Substantial Markets For Cryostats In APAC
11.4.3 India
11.4.3.1 Cryostats Market In India Is Expected To Exhibit The Fastest Growth Rate During The Forecast Period
11.4.4 South Korea
11.4.4.1 Cryostats Market South Korea Is Witnessing Remarkable Developments
11.4.5 Rest Of APAC
11.5 Row
12 Competitive Landscape
12.1 Overview
12.2 Market Ranking Analysis For The Cryostats Market, 2015
12.3 Competitive Situation And Trends
12.4 Competitive Trends
12.4.1 New Product Launches
12.4.2 Partnerships, Joint Ventures, And Agreements
12.4.3 Mergers & Acquisitions
12.4.4 Expansions And Others
13 Company Profiles
(Overview, Products And Services, Financials, Strategy & Development)*
13.1 Introduction
13.2 Leica Biosystems Nussloch Gmbh
13.3 Thermo Fisher Scientific Inc.
13.4 Cryomech, Inc.
13.5 Advanced Medical And Optical Systems (Amos)
13.6 Janis Research Company, Llc
13.7 Atico Medical Pvt. Ltd.
13.8 Shenyang Longshou Electronic Instrument Co., Ltd.
13.9 Bright Instruments
13.10 Jinhua Yidi Medical Appliance Co., Ltd.
13.11 Slee Medical Gmbh
13.12 Amos Scientific Pty. Ltd.
13.13 Advanced Research Systems, Inc.
*Details On Overview, Products And Services, Financials, Strategy & Development Might Not Be Captured In Case Of Unlisted Companies.
14 Appendix
14.1 Insights Of Industry Experts
List of Tables
Table 1 Variation In Power Consumption By The Cryostats Manufactured By Leica Biosystems (Germany)
Table 2 Porter'S Five Forces Analysis: Overall Impact On The Market Was Medium In 2015
Table 3 Cryostats Market, By Type, 2013 - 2022 (USD Million)
Table 4 Closed-Cycle Cryostats Market, By System Component, 2013 - 2022 (USD Million)
Table 5 Closed-Cycle Cryostats Market, By Region, 2013 - 2022 (USD Million)
Table 6 Closed-Cycle Cryostats Market, By Cryogen, 2013 - 2022 (USD Million)
Table 7 Continuous-Flow Cryostats Market, By System Component, 2013 - 2022 (USD Million)
Table 8 Continuous-Flow Cryostats Market, By Region, 2013 - 2022 (USD Million)
Table 9 Continuous-Flow Cryostats Market, By Cryogen, 2013 - 2022 (USD Million)
Table 10 Bath Cryostats Market, By System Component, 2013 - 2022 (USD Million)
Table 11 Bath Cryostats Market, By Region, 2013 - 2022 (USD Million)
Table 12 Bath Cryostats Market, By Cryogen, 2013 - 2022 (USD Million)
Table 13 Multistage Cryostats Market, By System Component, 2013 - 2022 (USD Million)
Table 14 Multistage Cryostats Market, By Region, 2013 - 2022 (USD Million)
Table 15 Multistage Cryostats Market, By Cryogen, 2013 - 2022 (USD Million)
Table 16 Cryostats Market, By System Component, 2013 - 2022 (USD Million)
Table 17 Dewars Market, By Type, 2013 - 2022 (USD Million)
Table 18 Transfer Tubes Market, By Type, 2013 - 2022 (USD Million)
Table 19 Gas Flow Pumps Market, By Type, 2013 - 2022 (USD Million)
Table 20 Temperature Controllers Market, By Type, 2013 - 2022 (USD Million)
Table 21 High Vacuum Pumps Market, By Type, 2013-2022 (USD Million)
Table 22 Microtome Blades Market, By Type, 2013 - 2022 (USD Million)
Table 23 Others Market, By Type, 2013 - 2022 (USD Million)
Table 24 Cryostats Market, By Cryogen, 2013 - 2022 (USD Million)
Table 25 Helium Cryostats Market, By Type, 2013 - 2022 (USD Million)
Table 26 Nitrogen Cryostats Market, By Type, 2013 - 2022 (USD Million)
Table 27 Other Cryostats Market, By Type, 2013 - 2022 (USD Million)
Table 28 Cryostats Market, By Industry, 2013 - 2022 (USD Million)
Table 29 Cryostats Market For MRI, By Region, 2013 - 2022 (USD Million)
Table 30 Cryostats Market For Frozen Tissue Sectioning, By Region 2013 - 2022 (USD Million)
Table 31 Cryostats Market For Exploratory Surgeries, By Region 2013 - 2022 (USD Million)
Table 32 Cryostats Market For Others, By Region 2013 - 2022 (USD Million)
Table 33 Cryostats Market For The Healthcare Industry, By Application, 2013 - 2022 (USD Million)
Table 34 Cryostats Market For The Healthcare Industry, By Type, 2013 - 2022 (USD Million)
Table 35 Cryostats Market For The Healthcare Industry, By Region, 2013 - 2022 (USD Million)
Table 36 Cryostats Market For The Energy & Power Industry, By Type, 2013 - 2022 (USD Million)
Table 37 Cryostats Market For The Energy & Power Industry, By Region, 2013 - 2022 (USD Million)
Table 38 Cryostats Market For The Aerospace Industry, By Type, 2013 - 2022 (USD Million)
Table 39 Cryostats Market For The Aerospace Industry, By Region 2013 - 2022 (USD Million)
Table 40 Cryostats Market For The Metallurgy Industry, By Type, 2013 - 2022 (USD Million)
Table 41 Cryostats Market For The Metallurgy Industry, By Region, 2013 - 2022 (USD Million)
Table 42 Cryostats Market For The Biotechnology Industry, By Application, 2013 - 2022 (USD Million)
Table 43 Cryostats Market For The Biotechnology Industry, By Type, 2013 - 2022 (USD Million)
Table 44 Cryostats Market For The Biotechnology Industry, By Region, 2013 - 2022 (USD Million)
Table 45 Cryostats Market For The Forensic Science Industry, By Type, 2013 - 2022 (USD Million)
Table 46 Cryostats Market For The Forensic Science Industry, By Region, 2013 - 2022 (USD Million)
Table 47 Cryostats Market For The Marine Biology Industry, By Type, 2013 - 2022 (USD Million)
Table 48 Cryostats Market For The Marine Biology Industry, By Region, 2013 - 2022 (USD Million)
Table 49 Cryostats Market For The Other Industries, By Type, 2013 - 2022 (USD Million)
Table 50 Cryostats Market For The Other Industries, By Region, 2013 - 2022 (USD Million)
Table 51 Cryostats Market, By Region, 2013 - 2022 (USD Million)
Table 52 Cryostats Market In North America, By Country, 2013 - 2022 (USD Million)
Table 53 Cryostats Market In North America, By Industry, 2013 - 2022 (USD Million)
Table 54 Cryostats Market In North America, By Type, 2013 - 2022 (USD Million)
Table 55 Cryostats Market In Europe, By Country, 2013 - 2022 (USD Million)
Table 56 Cryostats Market In Europe, By Industry, 2013 - 2022 (USD Million)
Table 57 Cryostats Market In Europe, By Type, 2013 - 2022 (USD Million)
Table 58 Cryostats Market In Asia Pacific, By Country, 2013 - 2022 (USD Million)
Table 59 Cryostats Market In Asia Pacific, By Industry, 2013 - 2022 (USD Million)
Table 60 Cryostats Market In Asia Pacific, By Type, 2013 - 2022 (USD Million)
Table 61 Cryostats Market In Rest of World, By Country, 2013 - 2022 (USD Million)
Table 62 Cryostats Market In Rest of World, By Industry, 2013 - 2022 (USD Million)
Table 63 Cryostats Market In Rest of World, By Type, 2013 - 2022 (USD Million)
Table 64 Market Ranking Of The Top 3 Players In The Cryostats Market, 2015
Table 65 New Product Launches, 2013 - 2015
Table 66 Partnerships, Joint Ventures, And Agreements, 2014 - 2015
Table 67 Mergers & Acquisitions, 2013 - 2016
List of Figures

Figure 1 Segmentation Of Cryostats Market
Figure 2 Research Design
Figure 3 Number Of MRI Units Per Million Population, 2013
Figure 4 Market Size Estimation Methodology: Bottom-Up Approach
Figure 5 Market Size Estimation Methodology: Top-Down Approach
Figure 6 Data Triangulation
Figure 7 Growth Of Cryostats Market Till 2022
Figure 8 Continuous-Flow Cryostats Expected To Hold The Largest Size Of The Cryostats Market During The Forecast Period
Figure 9 Dewars Expected To Hold The Largest Size Of The Cryostats Market During The Forecast Period
Figure 10 Helium Expected To Play A Crucial Role In The Cryostats Market During The Forecast Period
Figure 11 Aerospace Expected To Grow At The Highest CAGR During The Forecast Period
Figure 12 North America Held The Largest Share Of The Cryostats Market In 2015
Figure 13 Significant Rate Of Adoption Of Cryostats Expected In APAC Between 2016 And 2022
Figure 14 U.S. Dominated The Cryostats Market In 2015
Figure 15 Evolution Of Cryostats
Figure 16 High Demand For Healthcare Services Is A Key Factor Driving The Cryostats Market
Figure 17 Growth Of MRI Systems Market, 2014 - 2020
Figure 18 Liquefaction Capacity, By Region, 2008 - 2020
Figure 19 Major Value Is Added During The Manufacturing & Assembly And System Integration Phases
Figure 20 Porter'S Five Forces Analysis, 2015
Figure 21 Cryostats Market: Porter'S Five Forces Analysis
Figure 22 Impact Of Threat Of Substitutes On The Cryostats Market Was Low In 2015
Figure 23 Impact Of Threat Of New Entrants On The Cryostats Market Was Low In 2015
Figure 24 Impact Of Bargaining Power Of Buyers On The Cryostats Market Was Medium In 2015
Figure 25 Impact Of Bargaining Power Of Suppliers On The Cryostats Market Was Low In 2015
Figure 26 Impact Of Intensity Of Competitive Rivalry On The Cryostats Market Was Medium In 2015
Figure 27 Cryostats Market, By Type
Figure 28 Continuous-Flow Cryostats Expected To Have The Largest Market Size During The Forecast Period
Figure 29 Continuous-Flow Cryostats Market For Dewar Expected To Have The Largest Market Size During The Forecast Period
Figure 30 Bath Cryostats Market In APAC Estimated To Grow At The Fastest Rate During The Forecast Period
Figure 31 Cryostats Market, By System Component
Figure 32 Dewars Expected To Have The Largest Market Size During The Forecast Period
Figure 33 Continuous-Flow Cryostats Expected To Have The Largest Market Size During The Forecast Period
Figure 34 Bath Cryostats Expected To Grow At The Highest CAGR During The Forecast Period
Figure 35 Cryostats Market, By Cryogen
Figure 36 Helium Expected To Have The Largest Market Size During The Forecast Period
Figure 37 Cryostats Market, By Industry
Figure 38 Cryostats Market For The Healthcare Industry Expected To Have The Largest Market Size During The Forecast Period
Figure 39 Cryostats Market For MRI Expected To Have The Largest Market Size During The Forecast Period
Figure 40 Bath Cryostats Market For The Aerospace Industry Expected To Grow At The Highest Rate During The Forecast Period
Figure 41 Cryostats Market For Bio-Chemistry Expected To Grow At The Highest Rate During The Forecast Period
Figure 42 Cryostats Market For The Marine Biology Industry In APAC Expected To Grow At The Highest Rate During The Forecast Period
Figure 43 Cryostats Market: By Geography
Figure 44 India And South Korea Expected To Register High Growth Rate During The Forecast Period
Figure 45 Snapshot: Cryostats Market In North America, 2016
Figure 46 Segmentation Of The Cryostats Market In North America
Figure 47 Snapshot: Cryostats Market In Europe, 2016
Figure 48 Segmentation Of The Cryostats Market In Europe
Figure 49 Snapshot: Cryostats Market In Apac, 2016
Figure 50 Segmentation Of The Cryostats Market In APAC
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