

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

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Abstracts

Cryocooler comes from the phrase “cryogenic cooler,” and is a device for providing active cooling of something down to cryogenic temperatures. There is a wide range of these devices (pulse tube, Stirling, GM, Joule Thompson) that use different thermodynamic cycles and techniques to generate the cooling.

Scope of the Report:

This report focuses on the Cryocoolers 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. The market for stirling cryocoolers is expected to grow at the highest rate between 2016 and 2021 in the global cryocooler market. The major factors contributing to the growth of this market include growing adoption of these cryocoolers in a variety of applications such as space, military, medical, and commercial among others. The stirling cryocoolers are small in size and offer higher efficiencies compared to the other cryocoolers. The key cryocooler system providers from North America and Europe led the global cryocooler market in 2016. These companies have been providing their offerings worldwide and are focusing on expanding their positions in the key markets in APAC and Row. Some of the major companies have adopted strategies such as mergers & acquisitions, partnerships, agreements, collaborations, new product launches, capacity expansions, and joint ventures to expand their global presence and increase their market shares.

The global cryocooler market in the Americas held the largest share in 2016; however, the market in APAC is expected to exhibit the highest growth rate during the forecast period. The major factors contributing to the growth of this market include the increasing

adoption of wide range of cryocoolers in semiconductor fabrication, automotive industry, and space applications among others.

The worldwide market for Cryocoolers is expected to grow at a CAGR of roughly 4.9% over the next five years, will reach 1480 million US\$ in 2023, from 1110 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Sumitomo Heavy Industries

Chart Industries, Inc.

Brooks Automation, Inc

Sunpower, Inc

Cryomech, Inc

Advanced Research Systems

DH Industries

Thales cryogenics

Ricor – Cryogenic & Vacuum Systems

Superconductor Technologies, Inc

Cobham

AIM

Lihantech

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

Gifford-Mcmahon Cryocoolers

Pulse-Tube Cryocoolers

Stirling Cryocoolers

Joule-Thomson Cryocoolers

Brayton Cryocoolers

Others

Market Segment by Applications, can be divided into

Military

Electronics

Energy

Space

Research and Development

Others

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

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

Chapter 2, to analyze the top manufacturers of Cryocoolers, with sales, revenue, and price of Cryocoolers, 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 Cryocoolers, 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, Cryocoolers market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

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