

Cryocooler Market - Forecasts from 2018 to 2023

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Abstracts

The Cryocooler market is projected to witness a compound annual growth rate of 6.42% during the forecast period to reach a total market size of US\$3.710 billion by 2023, increasing from US\$2.555 billion in 2017. Increasing adoption of cryocoolers across end-use industries such as semiconductor, military and defense, and energy and power is boosting the growth of cryocooler market. Increasing production of liquefied nitrogen gas contributes to the growth of global cryocooler market during the forecast period. Americas accounted for the largest regional market share owing to the early adoption of the technology and high investment in medical cryosurgery and proton therapy in the region.

Research Methodology

The report provides a brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segments which have been covered as part of the report.

Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges and opportunities which exist in the current market. This section of the report also provides key industry, global and regional regulations which are determining the market growth and a brief technological aspect of Cryocooler. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

Segmentation

Segments covered under the cryocooler market report are as below:

By Type

Brayton

Joule Thomson

Stirling

Pulse-tube

Gifford-McMahon

By Service

Technical Support

Repair

Maintenance

By Application

Energy

Research and development

Military

Medical

Commercial

Others

By Geography

Americas

North America

South America

Europe Middle East and Africa

Europe

Middle East and Africa

Asia Pacific

Key industry players profiled as part of this report are Janis Research Company, Superconductor Technologies Inc., Sunpower, Inc., Advanced Research Systems, Sumitomo Heavy Industries Ltd., Chart Industries, Inc., DH Industries, Brooks Automation Inc., and Cryomech, Inc.

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