

Global Cryo-Electron Microscopy Market Forecast to Cross USD 598 Million By 2025: ZMR

The global cryo-electron microscopy market is expected to generate around USD 598 million by 2025, at a CAGR of around 9% between 2019 and 2025.

SUITE N202, NEW YORK, UNITED STATES, September 6, 2022

/EINPresswire.com/ -- According to the report, the [global cryo-electron microscopy market](#) was approximately USD 327 million in 2018 and is expected to generate around USD 598 million by 2025, at a CAGR of around 9% between 2019 and 2025.



Global Cryo-Electron Microscopy Market

Cryo-electron microscopy (Cryo-EM) is a powerful microscopy technique that is different from using normal microscopes, as the former uses electron beams instead of light. Biologists use cryo-electron microscopy to capture pictures of biological samples that have been frozen in their natural states. It is a more effective and faster way to look deep inside molecules when compared to other structural biology tools. Cryo-EM is an ideal tool for performing analyses at near-native conditions and within a feasible timeframe.

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Global Cryo-Electron Microscopy Market Is Expected To Reach Around USD 598 Million By 2025”

Zion Market Research

Development of capabilities and technological advancements like effective sample preparation

techniques and faster processing are likely to boost the cryo-electron microscopy market in the upcoming years globally. Additionally, the integration of display modalities with these advancements to enhance 3-D images and high definition will fuel the demand of cryo-electron microscopy in various applications, which is likely to drive the cryo-electron microscopy market globally.

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Includes Tables and figures have been updated

The most recent version of the report includes the Top Market Players, their Business Strategies, Sales Volume, and Revenue Analysis
Zion Market research methodology

Some key players operating in the global cryo-electron microscopy market are

Hitachi

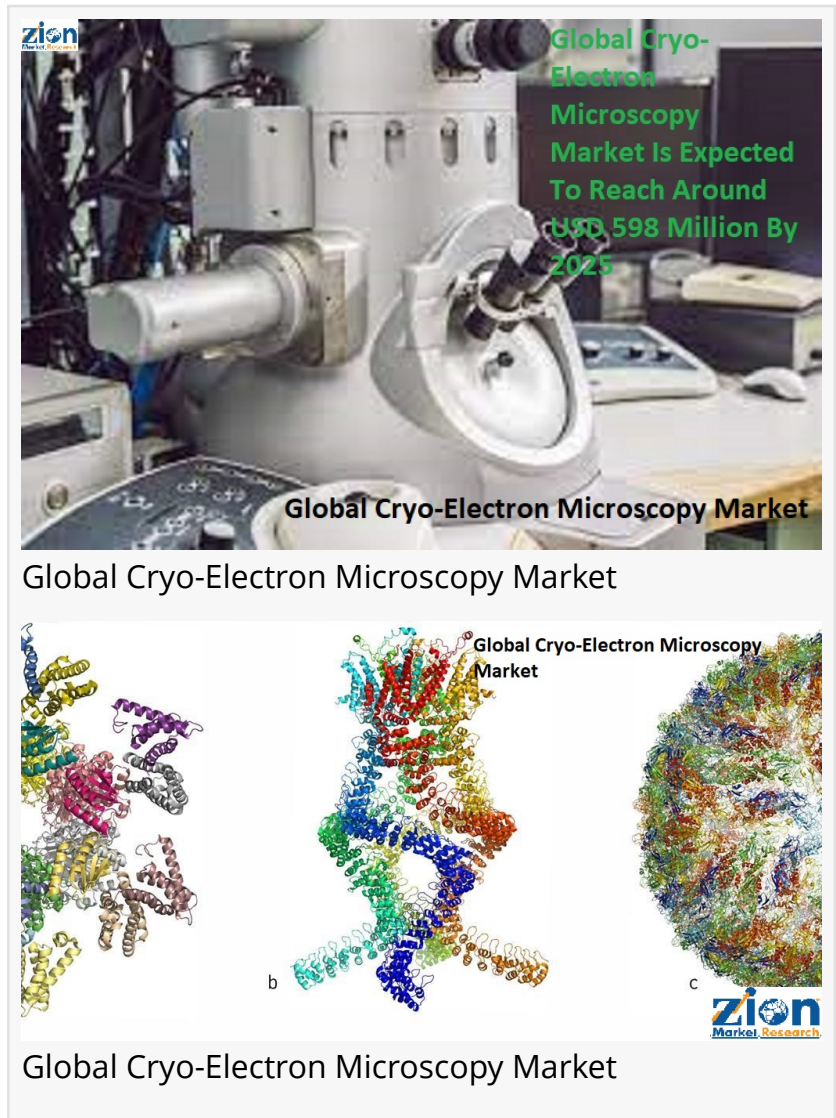
JEOL

Zeiss, Cordouan,

Delong

Thermo Fisher Scientific.

The global cryo-electron microscopy market is fragmented on the basis of method and application. On the basis of method, the market includes cryo-electron tomography, electron crystallography, single particle analysis, and others. The cryo-electron tomography segment is likely to register the highest CAGR in the future, owing to its high-quality resolution, which has resulted in easy identification of specimens on deeper levels. Additionally, cryo-electron tomography increases cryo-electron microscopy's applicability in chemistry to study the



structures of compounds, as it allows imaging at a molecular level, and in biology, as these are used to understand viruses and bacteria.

The application segment of the cryo-electron microscopy market comprises life sciences, semiconductors, material sciences, nanotechnology, and others. The nanotechnology segment held a major market share in 2018 and is likely to grow at the fastest rate in the future as well. This can be attributed to its various applications in the fields of food, medicine, fuel cell, chemical sensors, space programs, solar cells, fabric development, and air and water purification. Furthermore, rising research and development activities across various industries are likely to contribute to this segment's growth over the forecast period. In Lifesciences, cryo-electron microscopy finds its use in pathology, clinical trials, toxicology, disease diagnosis, and various other applications.

Browse the full "Cryo-Electron Microscopy Market by Method (Electron Crystallography, Single Particle Analysis, Cryo-Electron Tomography, and Others) and by Application (Material Sciences, Semiconductors, Nanotechnology, Lifesciences, and Others): Global Industry Perspective, Comprehensive Analysis, and Forecast, 2018–2025" Report at <https://www.zionmarketresearch.com/report/cryo-electron-microscopy-market>

North America dominated the global cryo-electron microscopy market in 2018, due to the presence of a large number of well-established players, high-quality standards maintained by the medical device manufacturers, growth in the adoption of advanced technology, and higher health coverage. The Asia Pacific cryo-electron microscopy market is likely to witness notable growth in the years to come, owing to rising healthcare expenditure, mandatory healthcare insurance, and technological advancements.

Global Cryo-Electron Microscopy Market: Regional Analysis

North America

The U.S.

Europe

UK

France

Germany

Asia Pacific

China

Japan

India

Latin America

Brazil

The Middle East and Africa

Browse the TOC of this Research Report – <https://www.zionmarketresearch.com/toc/cryo->

objectives of the Study:

- To provide an exhaustive analysis of the Cryo-Electron Microscopy Market By Resin Type, By Backing Material, By Application, and by region
- To cater comprehensive information on factors impacting market growth (drivers, restraints, opportunities, and industry-specific restraints)
- To evaluate and forecast micro-markets and the overall market
- To predict the market size, in key regions— North America, Europe, Asia Pacific, and the rest of the world
- To record and evaluate competitive landscape mapping- product launches, technological advancements, mergers, and expansions

Impact of COVID-19 –

The long-term consequences of COVID-19 are expected to have a negative influence on industry growth over the predicted period, making it an unprecedented worldwide public health emergency. As we continue to dig further into the challenges surrounding COVID-19, we are better able to identify possible solutions. Consumer demand, purchasing habits, supply chain rerouting, current market factors, and substantial government initiatives are all examined in the report on COVID-19. In light of the impact of COVID-19 on the market, the updated study offers new insights, analyses, estimates, and projections.

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FREQUENTLY ASKED QUESTIONS

Which key factors will influence the Cryo-Electron Microscopy Market growth over 2022-2028?
What will be the value of the Cryo-Electron Microscopy Market during 2022-2028?
Which region will contribute notably towards the Cryo-Electron Microscopy Market value?
Which are the major players leveraging the Cryo-Electron Microscopy Market growth?

Current and Future Threats

Along with studying the opportunities necessary for growth, threats are also an important aspect to look upon for the companies and stakeholders in a specific sector. ZMR Research studies every negative aspect that will hinder the growth of a specific area of business and includes it in the report. The stakeholders and CXOs will have the benefit of assessing the threat and take the necessary steps to prevent the hindrance caused due to the threats.

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