

Global Thawing Systems Market Size study & Forecast, by Type (Manual Devices, Automated Devices) by Sample Type (Blood, Embryos, Ovum, Semen and Other Samples), by End User (Blood Banks & Transfusion Centers, Hospitals & Diagnostic Laboratories, Cord Blood and Stem Cell Banks, Research & Academic Institutes, Biotechnology & Pharmaceutical Companies and Tissue Banks) and Regional Analysis, 2022-2029

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Abstracts

Global Thawing Systems Market is valued approximately at USD XX billion in 2021 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2022-2029. A thawing system is a device or process used to thaw frozen materials such as food products or medical supplies. These systems work by applying heat or a heat exchange process to the frozen material, which allows it to return to its liquid or semi-solid state. The Thawing Systems market is expanding because of factors such as rising use of thawed cells in the clinical study and treatment of diabetes and cancer and technological advancement in sample thawing devices.

The rising use of thawed cells in the study and treatment of diabetes and cancer is driving the adoption of thaw systems. These systems provide a safe, efficient, and reliable way to thaw frozen cells, enabling researchers and clinicians to work more effectively with these critical components in the fight against these diseases. Thus, rising prevalence of cancer and diabetes across the globe is driving the market growth. According to estimates from the International Agency for Research on Cancer (IARC), there were 17.0 million new cases of cancer and 9.5 million deaths from cancer in 2018.

By 2040, 27.5 million new instances of cancer are expected. Along with these, According to IDF, International Diabetic federation it is estimated that there will be more than 578 million adults with diabetes by 2030, and 700 million by 2045. In addition, growing focus on the research and development of cell therapies and rising focus of biorepositories on expanding their storage capacities is creating a lucrative growth to the market. However, the high cost of Thawing Systems stifles market growth throughout the forecast period of 2022-2029.

The key regions considered for the Global Thawing Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. North America dominates the market in terms of revenue, owing to the improvements in the blood bank and biobank infrastructure, as well as an increase in the research & development of cell, gene therapy and regenerative medicine. Additionally, the market in this region is driven by factors such as rising government funding, rising interest in personalized medicine and biomarker discovery, and an increase in the number of biotechnology and pharmaceutical businesses. Whereas, Asia Pacific is expected to grow at a fastest CAGR during the forecast period, owing to factors such as rising geriatric and target populations, an increase in the number of collaborations for biomarker and cell development, geographic expansion of key players, and active participation of government and nonprofit organizations in the market space.

Major market player included in this report are:

Helmer Scientific Inc.
Boekel Scientific
Sarstedt Ag & Co. Kg
Biocision LLC
Cardinal Health.
General Electric Company
Thermo Fisher Scientific, Inc.
Bioline India.
Arcox TMC Group
Abbott Laboratories

Recent Developments in the Market:

In June 2020, FreMon Scientific, Inc. announced that it has received the approval from FDA for ZipThaw for thawing of frozen plasma to commercialize it in the United States.

Global Thawing Systems Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Sample Type, End User, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and Type offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Manual Devices

Automated Devices

By Sample Type:

Blood

Embryos

Ovum

Semen

Other Samples

By End User:

Blood Banks & Transfusion Centers

Hospitals & Diagnostic Laboratories

Cord Blood and Stem Cell Banks

Research & Academic Institutes

Biotechnology & Pharmaceutical Companies

Tissue Banks

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

RoLA

Rest of the World

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