

# **Cryopreservation Systems Market Size, Trends, Analysis, and Outlook By Type (Blood Refrigerator, Medical Refrigerators, Biomedical Freezer, Ultra Low Freezers, Liquid Nitrogen Tank, Others), By Application (Pharmacy, Hospital, Medical Testing Center, Disease Control and Prevention Center, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Cryopreservation Systems market size is poised to register 20.18% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Cryopreservation Systems market By Type (Blood Refrigerator, Medical Refrigerators, Biomedical Freezer, Ultra Low Freezers, Liquid Nitrogen Tank, Others), By Application (Pharmacy, Hospital, Medical Testing Center, Disease Control and Prevention Center, Others).

The future of cryopreservation systems is being shaped by advancements in cryobiology, tissue engineering, and regenerative medicine aimed at preserving cells, tissues, and organs with optimal viability and functionality for transplantation, research, and therapeutic applications. Key trends in this market include the development of automated and closed-system cryopreservation platforms that minimize human error and contamination risk while maximizing sample yield and quality. Moreover, there is a trend towards novel cryoprotective agents and vitrification techniques that enable rapid cooling and ice-free preservation of delicate biological materials, such as stem cells, embryos, and engineered tissues, with minimal cryoinjury. Additionally, there is a growing emphasis on scalable and cost-effective cryopreservation solutions that

address the logistical challenges of storing and transporting cryogenic samples in biobanks, tissue banks, and cellular therapy facilities, thereby facilitating wider access to cryopreserved materials for research and clinical applications..

## Cryopreservation Systems Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Cryopreservation Systems market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Cryopreservation Systems survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Cryopreservation Systems industry.

## Key market trends defining the global Cryopreservation Systems demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Cryopreservation Systems Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Cryopreservation Systems industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Cryopreservation Systems companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Cryopreservation Systems industry

Leading Cryopreservation Systems companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced

technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Cryopreservation Systems companies.

### Cryopreservation Systems Market Study- Strategic Analysis Review

The Cryopreservation Systems market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Cryopreservation Systems Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Cryopreservation Systems industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Cryopreservation Systems Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For each of the six regions, the market size outlook by segments is forecast for 2030.

### North America Cryopreservation Systems Market Size Outlook- Companies plan for

focused investments in a changing environment

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Cryopreservation Systems market segments. Similarly, Strong end-user demand is encouraging Canadian Cryopreservation Systems companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Cryopreservation Systems market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Cryopreservation Systems Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Cryopreservation Systems industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Cryopreservation Systems market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

Asia Pacific Cryopreservation Systems Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Cryopreservation Systems in Asia Pacific. In particular, China, India, and South East Asian Cryopreservation Systems markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a

comprehensive outlook of 6 major markets in the region.

Latin America Cryopreservation Systems Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Cryopreservation Systems Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Cryopreservation Systems market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Cryopreservation Systems.

### Cryopreservation Systems Market Company Profiles

The global Cryopreservation Systems market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Angelantoni Life Science, Arctiko, Aucma, B Medical Systems, Custom Biogenic Systems, Eppendorf, Felix Storch, FIOCCHETTI, Follett, Haier Biomedical, Helmer Scientific, KIRSCH, KRYOTECH, KW Apparecchi Scientifici, Labcold, Lec Medical, Nihon Freezer, PHC Corp, So-Low, Statebourne Cryogenics, Thalheimer K?hlung, Thermo Fisher Scientific Inc, Vestfrost Solutions, Zhongke Meiling.

### Recent Cryopreservation Systems Market Developments

The global Cryopreservation Systems market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

### Cryopreservation Systems Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

## By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

## By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

## By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

## Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Angelantoni Life Science

Arctiko

Aucma

B Medical Systems

Custom Biogenic Systems

Eppendorf

Felix Storch

FIOCCHETTI

Follett

Haier Biomedical

Helmer Scientific

KIRSCH



KRYOTECH

KW Apparecchi Scientifici

Labcold

Lec Medical

Nihon Freezer

PHC Corp

So-Low

Statebourne Cryogenics

Thalheimer K?hlung

Thermo Fisher Scientific Inc

Vestfrost Solutions

Zhongke Meiling

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## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Cryopreservation Systems Market Overview and Key Findings, 2024
- 1.2 Cryopreservation Systems Market Size and Growth Outlook, 2021- 2030
- 1.3 Cryopreservation Systems Market Growth Opportunities to 2030
- 1.4 Key Cryopreservation Systems Market Trends and Challenges
  - 1.4.1 Cryopreservation Systems Market Drivers and Trends
  - 1.4.2 Cryopreservation Systems Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Cryopreservation Systems Companies

### 2. CRYOPRESERVATION SYSTEMS MARKET SIZE OUTLOOK TO 2030

- 2.1 Cryopreservation Systems Market Size Outlook, USD Million, 2021- 2030
- 2.2 Cryopreservation Systems Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. CRYOPRESERVATION SYSTEMS MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. CRYOPRESERVATION SYSTEMS MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Type
    - Stationary 3D and 4D Ultrasound Devices
    - Portable 3D and 4D Ultrasound Devices

By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Cryopreservation Systems Market, 2025

5.2 Asia Pacific Cryopreservation Systems Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Cryopreservation Systems Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Cryopreservation Systems Market, 2025

5.5 Europe Cryopreservation Systems Market Size Outlook by Type, 2021- 2030

5.6 Europe Cryopreservation Systems Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Cryopreservation Systems Market, 2025

5.8 North America Cryopreservation Systems Market Size Outlook by Type, 2021- 2030

5.9 North America Cryopreservation Systems Market Size Outlook by Application, 2021- 2030

- 5.10 Key Findings for South America Cryopreservation Systems Market, 2025
- 5.11 South America Pacific Cryopreservation Systems Market Size Outlook by Type, 2021- 2030
- 5.12 South America Cryopreservation Systems Market Size Outlook by Application, 2021- 2030
- 5.13 Key Findings for Middle East and Africa Cryopreservation Systems Market, 2025
- 5.14 Middle East Africa Cryopreservation Systems Market Size Outlook by Type, 2021- 2030
- 5.15 Middle East Africa Cryopreservation Systems Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

- 6.1 US Cryopreservation Systems Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Cryopreservation Systems Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Cryopreservation Systems Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Cryopreservation Systems Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Cryopreservation Systems Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Cryopreservation Systems Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Cryopreservation Systems Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Cryopreservation Systems Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Cryopreservation Systems Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Cryopreservation Systems Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Cryopreservation Systems Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Cryopreservation Systems Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Cryopreservation Systems Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Cryopreservation Systems Industry Drivers and Opportunities

- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Cryopreservation Systems Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Cryopreservation Systems Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Cryopreservation Systems Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Cryopreservation Systems Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Cryopreservation Systems Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Cryopreservation Systems Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Cryopreservation Systems Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Cryopreservation Systems Industry Drivers and Opportunities

## **7. CRYOPRESERVATION SYSTEMS MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. CRYOPRESERVATION SYSTEMS COMPANY PROFILES**

- 8.1 Profiles of Leading Cryopreservation Systems Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics
- Angelantoni Life Science
- Arctiko
- Aucma
- B Medical Systems
- Custom Biogenic Systems
- Eppendorf
- Felix Storch
- FIOCCHETTI
- Follett
- Haier Biomedical

Helmer Scientific  
KIRSCH  
KRYOTECH  
KW Apparecchi Scientifici  
Labcold  
Lec Medical  
Nihon Freezer  
PHC Corp  
So-Low  
Statebourne Cryogenics  
Thalheimer K?hlung  
Thermo Fisher Scientific Inc  
Vestfrost Solutions  
Zhongke Meiling

## **9. APPENDIX**

9.1 Scope of the Report  
9.2 Research Methodology and Data Sources  
9.3 Glossary of Terms  
9.4 Market Definitions  
9.5 Contact Information

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Product name: Cryopreservation Systems Market Size, Trends, Analysis, and Outlook By Type (Blood Refrigerator, Medical Refrigerators, Biomedical Freezer, Ultra Low Freezers, Liquid Nitrogen Tank, Others), By Application (Pharmacy, Hospital, Medical Testing Center, Disease Control and Prevention Center, Others), by Region, Country, Segment, and Companies, 2024-2030

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