

Tissue Banking Market Size, Trends, Analysis, and Outlook By Product (Equipment (Cryopreservation Equipment, Thawing Equipment, Quality Control Equipment), Media, Consumables), By Application (Therapeutics, Medical Research, Others), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Tissue Banking market size is poised to register 8.55% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Tissue Banking market By Product (Equipment (Cryopreservation Equipment, Thawing Equipment, Quality Control Equipment), Media, Consumables), By Application (Therapeutics, Medical Research, Others).

Tissue banking is experiencing transformative trends driven by the increasing demand for high-quality human biological specimens, advancements in biobanking technologies, and the growing applications of tissue-based research and regenerative medicine. Key trends shaping the future of the tissue banking market include the development of comprehensive biorepository solutions, including automated sample processing systems, cryogenic storage vessels, and robust quality management systems, for the collection, processing, preservation, and distribution of diverse tissue specimens, including whole organs, blood products, and cellular materials, with stringent adherence to regulatory standards and ethical guidelines. Additionally, there is a growing emphasis on donor recruitment and consent procedures, community engagement initiatives, and public awareness campaigns to promote tissue donation, ensure donor confidentiality, and address cultural and ethical considerations surrounding tissue procurement and utilization. Moreover, there is increasing integration of advanced imaging modalities,

molecular profiling techniques, and omics technologies, such as genomics, proteomics, and metabolomics, into tissue banking workflows, enabling comprehensive characterization of biological samples, identification of biomarkers, and discovery of novel therapeutic targets for precision medicine applications. Furthermore, there is ongoing collaboration between academic institutions, research organizations, and biopharmaceutical companies to establish large-scale tissue repositories, biobanking networks, and data-sharing platforms that facilitate collaborative research, accelerate biomarker validation, and drive therapeutic innovation across various disease areas, including oncology, cardiology, neurology, and regenerative medicine. Overall, the future of tissue banking lies in the continued innovation and collaboration within the scientific community, regulatory harmonization efforts, and public engagement initiatives that ensure the ethical, sustainable, and equitable utilization of human tissues for biomedical research, clinical trials, and therapeutic development, ultimately benefiting patients and advancing medical knowledge..

Tissue Banking 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 Tissue Banking market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Tissue Banking 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 Tissue Banking industry.

Key market trends defining the global Tissue Banking 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.

Tissue Banking Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Tissue Banking 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 Tissue Banking companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Tissue Banking industry

Leading Tissue Banking 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 Tissue Banking companies.

Tissue Banking Market Study- Strategic Analysis Review

The Tissue Banking 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.

Tissue Banking Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Tissue Banking 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.

Tissue Banking 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 Tissue Banking 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 Tissue Banking market segments. Similarly, Strong end-user demand is encouraging Canadian Tissue Banking companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Tissue Banking market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Tissue Banking Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Tissue Banking 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 Tissue Banking 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 Tissue Banking 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 Tissue Banking in Asia

Pacific. In particular, China, India, and South East Asian Tissue Banking 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 Tissue Banking 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 Tissue Banking 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 Tissue Banking market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Tissue Banking.

Tissue Banking Market Company Profiles

The global Tissue Banking 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 AMS Biotechnology Ltd, Avantor Inc, Azenta Life Sciences, BioLife Solutions, Bio-Rad Laboratories Inc, Eppendorf AG, Hamilton Company, LifeLink Tissue Bank, Merck KGaA, Rokit Healthcare Inc, Sartorius AG, Thermo Fisher Scientific Inc.

Recent Tissue Banking Market Developments

The global Tissue Banking market study presents recent market news and

developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Tissue Banking 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

AMS Biotechnology Ltd

Avantor Inc

Azenta Life Sciences

BioLife Solutions

Bio-Rad Laboratories Inc

Eppendorf AG

Hamilton Company

LifeLink Tissue Bank

Merck KGaA

Rokit Healthcare Inc

Sartorius AG

Thermo Fisher Scientific Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. TISSUE BANKING MARKET SIZE OUTLOOK TO 2030

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

3. TISSUE BANKING 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. TISSUE BANKING 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 Tissue Banking Market, 2025
5.2 Asia Pacific Tissue Banking Market Size Outlook by Type, 2021- 2030
5.3 Asia Pacific Tissue Banking Market Size Outlook by Application, 2021- 2030
5.4 Key Findings for Europe Tissue Banking Market, 2025
5.5 Europe Tissue Banking Market Size Outlook by Type, 2021- 2030
5.6 Europe Tissue Banking Market Size Outlook by Application, 2021- 2030
5.7 Key Findings for North America Tissue Banking Market, 2025
5.8 North America Tissue Banking Market Size Outlook by Type, 2021- 2030
5.9 North America Tissue Banking Market Size Outlook by Application, 2021- 2030
5.10 Key Findings for South America Tissue Banking Market, 2025
5.11 South America Pacific Tissue Banking Market Size Outlook by Type, 2021- 2030
5.12 South America Tissue Banking Market Size Outlook by Application, 2021- 2030

- 5.13 Key Findings for Middle East and Africa Tissue Banking Market, 2025
- 5.14 Middle East Africa Tissue Banking Market Size Outlook by Type, 2021- 2030
- 5.15 Middle East Africa Tissue Banking Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

- 6.1 US Tissue Banking Market Size Outlook and Revenue Growth Forecasts
- 6.2 US Tissue Banking Industry Drivers and Opportunities
- 6.3 Canada Market Size Outlook and Revenue Growth Forecasts
- 6.4 Canada Tissue Banking Industry Drivers and Opportunities
- 6.6 Mexico Market Size Outlook and Revenue Growth Forecasts
- 6.6 Mexico Tissue Banking Industry Drivers and Opportunities
- 6.7 Germany Market Size Outlook and Revenue Growth Forecasts
- 6.8 Germany Tissue Banking Industry Drivers and Opportunities
- 6.9 France Market Size Outlook and Revenue Growth Forecasts
- 6.10 France Tissue Banking Industry Drivers and Opportunities
- 6.11 UK Market Size Outlook and Revenue Growth Forecasts
- 6.12 UK Tissue Banking Industry Drivers and Opportunities
- 6.13 Spain Market Size Outlook and Revenue Growth Forecasts
- 6.14 Spain Tissue Banking Industry Drivers and Opportunities
- 6.16 Italy Market Size Outlook and Revenue Growth Forecasts
- 6.16 Italy Tissue Banking Industry Drivers and Opportunities
- 6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts
- 6.18 Rest of Europe Tissue Banking Industry Drivers and Opportunities
- 6.19 China Market Size Outlook and Revenue Growth Forecasts
- 6.20 China Tissue Banking Industry Drivers and Opportunities
- 6.21 India Market Size Outlook and Revenue Growth Forecasts
- 6.22 India Tissue Banking Industry Drivers and Opportunities
- 6.23 Japan Market Size Outlook and Revenue Growth Forecasts
- 6.24 Japan Tissue Banking Industry Drivers and Opportunities
- 6.26 South Korea Market Size Outlook and Revenue Growth Forecasts
- 6.26 South Korea Tissue Banking Industry Drivers and Opportunities
- 6.27 Australia Market Size Outlook and Revenue Growth Forecasts
- 6.28 Australia Tissue Banking Industry Drivers and Opportunities
- 6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts
- 6.30 South East Asia Tissue Banking Industry Drivers and Opportunities
- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Tissue Banking Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

- 6.34 Brazil Tissue Banking Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Tissue Banking Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Tissue Banking Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Tissue Banking Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Tissue Banking Industry Drivers and Opportunities

7. TISSUE BANKING MARKET OUTLOOK ACROSS SCENARIOS

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

8. TISSUE BANKING COMPANY PROFILES

- 8.1 Profiles of Leading Tissue Banking Companies in the Market
 - 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
 - 8.3 Financial Performance and Key Metrics
- AMS Biotechnology Ltd
- Avantor Inc
- Azenta Life Sciences
- BioLife Solutions
- Bio-Rad Laboratories Inc
- Eppendorf AG
- Hamilton Company
- LifeLink Tissue Bank
- Merck KGaA
- Rokit Healthcare Inc
- Sartorius AG
- Thermo Fisher Scientific Inc

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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