

Automated and Closed Cell Therapy Processing Systems Market Size, Trends, Analysis, and Outlook By Workflow (Separation, Expansion, Apheresis, Fill-Finish, Cryopreservation, Others), By Type (Stem Cell Therapy, Non-Stem Cell Therapy), By Scale (Pre-commercial/ R&D Scale, Commercial Scale), by Region, Country, Segment, and Companies, 2024-2030

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Abstracts

The global Automated and Closed Cell Therapy Processing Systems market size is poised to register 21.29% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Automated and Closed Cell Therapy Processing Systems market across By Workflow (Separation, Expansion, Apheresis, Fill-Finish, Cryopreservation, Others), By Type (Stem Cell Therapy, Non-Stem Cell Therapy), By Scale (Pre-commercial/ R&D Scale, Commercial Scale).

The automated and closed cell therapy processing systems market is experiencing significant growth due to increasing demand for efficient and scalable cell manufacturing solutions in regenerative medicine and cell therapy development. Automated and closed cell processing systems enable the streamlined production of cellular therapies by automating cell culture, expansion, and manipulation processes within a closed and controlled environment, minimizing contamination risks and ensuring product consistency and quality. With a focus on accelerating cell therapy development and commercialization, biotechnology companies, contract manufacturers, and research institutions are investing in innovative automation technologies and closed-system platforms to meet the growing demand for advanced cell-based therapies and regenerative medicine solutions.

Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing Systems market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing Systems industry.

Key market trends defining the global Automated and Closed Cell Therapy Processing 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.

Automated and Closed Cell Therapy Processing Systems Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing Systems companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Automated and Closed Cell Therapy Processing Systems industry

Leading Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing Systems companies.

Automated and Closed Cell Therapy Processing Systems Market Study- Strategic Analysis Review

The Automated and Closed Cell Therapy Processing 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.

Automated and Closed Cell Therapy Processing Systems Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Automated and Closed Cell Therapy Processing 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.

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

Europe Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing 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 Automated and Closed

Cell Therapy Processing Systems in Asia Pacific. In particular, China, India, and South East Asian Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing 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 Automated and Closed Cell Therapy Processing Systems market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Automated and Closed Cell Therapy Processing Systems.

Automated and Closed Cell Therapy Processing Systems Market Company Profiles

The global Automated and Closed Cell Therapy Processing 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 BioSpherix Ltd, Cellares Inc, Cytiva (Danaher Corp), Fresenius Kabi, Lonza, MiltenyiBiotec, Sartorius AG, Terumo Corp, Thermo Fisher Scientific Inc, ThermoGenesis Holdings Inc

Recent Automated and Closed Cell Therapy Processing Systems Market Developments

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

Automated and Closed Cell Therapy Processing 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 Workflow

Separation

Expansion

Apheresis

Fill-Finish

Cryopreservation

Others

By Type

Stem Cell Therapy

Non-Stem Cell Therapy

By Scale

Pre-commercial/ R&D Scale

Commercial Scale

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

BioSpherix Ltd

Cellares Inc

Cytiva (Danaher Corp)

Fresenius Kabi

Lonza

MiltenyiBiotec

Sartorius AG

Terumo Corp

Thermo Fisher Scientific Inc

ThermoGenesis Holdings Inc

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

1.1 Automated and Closed Cell Therapy Processing Systems Market Overview and Key Findings, 2024

1.2 Automated and Closed Cell Therapy Processing Systems Market Size and Growth Outlook, 2021- 2030

1.3 Automated and Closed Cell Therapy Processing Systems Market Growth Opportunities to 2030

1.4 Key Automated and Closed Cell Therapy Processing Systems Market Trends and Challenges

1.4.1 Automated and Closed Cell Therapy Processing Systems Market Drivers and Trends

1.4.2 Automated and Closed Cell Therapy Processing Systems Market Challenges

1.5 Competitive Landscape and Key Players

1.6 Competitive Analysis- Growth Strategies Adopted by Leading Automated and Closed Cell Therapy Processing Systems Companies

2. AUTOMATED AND CLOSED CELL THERAPY PROCESSING SYSTEMS MARKET SIZE OUTLOOK TO 2030

2.1 Automated and Closed Cell Therapy Processing Systems Market Size Outlook, USD Million, 2021- 2030

2.2 Automated and Closed Cell Therapy Processing Systems Incremental Market Growth Outlook, %, 2021- 2030

2.3 Segment Snapshot, 2024

3. AUTOMATED AND CLOSED CELL THERAPY PROCESSING 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. AUTOMATED AND CLOSED CELL THERAPY PROCESSING 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 Workflow

Separation

Expansion

Apheresis

Fill-Finish

Cryopreservation

Others

By Type

Stem Cell Therapy

Non-Stem Cell Therapy

By Scale

Pre-commercial/ R&D Scale

Commercial Scale

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 Automated and Closed Cell Therapy Processing Systems Market, 2025

5.2 Asia Pacific Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Automated and Closed Cell Therapy Processing Systems Market, 2025

5.5 Europe Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Type, 2021- 2030

5.6 Europe Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Automated and Closed Cell Therapy Processing Systems Market, 2025

5.8 North America Automated and Closed Cell Therapy Processing Systems Market

Size Outlook by Type, 2021- 2030

5.9 North America Automated and Closed Cell Therapy Processing Systems Market

Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Automated and Closed Cell Therapy Processing Systems Market, 2025

5.11 South America Pacific Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Type, 2021- 2030

5.12 South America Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Automated and Closed Cell Therapy Processing Systems Market, 2025

5.14 Middle East Africa Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Automated and Closed Cell Therapy Processing Systems Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Automated and Closed Cell Therapy Processing Systems Market Size Outlook and Revenue Growth Forecasts

6.2 US Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Automated and Closed Cell Therapy Processing Systems Industry Drivers

and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts

6.32 Rest of Asia Pacific Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

6.34 Brazil Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

6.36 Argentina Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts

6.38 Rest of South America Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

6.39 Middle East Market Size Outlook and Revenue Growth Forecasts

6.40 Middle East Automated and Closed Cell Therapy Processing Systems Industry

Drivers and Opportunities

6.41 Africa Market Size Outlook and Revenue Growth Forecasts

6.42 Africa Automated and Closed Cell Therapy Processing Systems Industry Drivers and Opportunities

7. AUTOMATED AND CLOSED CELL THERAPY PROCESSING SYSTEMS MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. AUTOMATED AND CLOSED CELL THERAPY PROCESSING SYSTEMS COMPANY PROFILES

8.1 Profiles of Leading Automated and Closed Cell Therapy Processing Systems Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

BioSpherix Ltd

Cellares Inc

Cytiva (Danaher Corp)

Fresenius Kabi

Lonza

MiltenyiBiotec

Sartorius AG

Terumo Corp

Thermo Fisher Scientific Inc

ThermoGenesis Holdings 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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