

# **Single Use Assemblies Market Size, Trends, Analysis, and Outlook By Product (Bag Assemblies, Filtration Assemblies, Bottle Assemblies, Mixing System Assemblies, Others), By Solution (Standard Solutions, Customized Solutions), By Application (Filtration & Purification, Cell culture & Mixing, Storage, Sampling, Formulation & Fill-Finish, Others), By End-User (Pharmaceutical Companies, Contract Research Organizations, Academic & Research Institutes, Others), by Country, Segment, and Companies, 2024-2032**

<https://marketpublishers.com/r/S156F72EF52AEN.html>

Date: April 2024

Pages: 205

Price: US\$ 3,980.00 (Single User License)

ID: S156F72EF52AEN

## **Abstracts**

The global Single Use Assemblies market size is poised to register 16.8% growth from 2024 to 2032, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Single Use Assemblies market across By Product (Bag Assemblies, Filtration Assemblies, Bottle Assemblies, Mixing System Assemblies, Others), By Solution (Standard Solutions, Customized Solutions), By Application (Filtration & Purification, Cell culture & Mixing, Storage, Sampling, Formulation & Fill-Finish, Others), By End-User (Pharmaceutical Companies, Contract Research Organizations, Academic & Research Institutes, Others)

The Single Use Assemblies market is witnessing significant growth driven by the increasing adoption of single-use technologies in biopharmaceutical manufacturing, cell therapy production, and gene therapy applications. Single-use assemblies, including single-use bioreactors, disposable tubing sets, and filtration systems, offer flexibility,

scalability, and cost-effectiveness for bioprocessing operations, reducing the risk of cross-contamination and minimizing cleaning and validation requirements. With the growing demand for biologics, personalized medicines, and viral vectors, there is a rising need for single-use assemblies that offer robust performance, sterile integrity, and regulatory compliance. Further, advancements in material science, biocompatibility testing, and assembly design are driving market growth by enabling more reliable and efficient single-use bioprocessing solutions. By 2030, the market is expected to witness substantial expansion as biopharmaceutical companies and contract manufacturing organizations (CMOs) embrace single-use technologies to accelerate bioproduction timelines, reduce capital investments, and improve manufacturing flexibility.

## Single Use Assemblies 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 Single Use Assemblies market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Single Use Assemblies 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 Single Use Assemblies industry.

## Key market trends defining the global Single Use Assemblies 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.

## Single Use Assemblies Market Segmentation- Industry Share, Market Size, and Outlook to 2032

The Single Use Assemblies 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 Single Use Assemblies companies scaling up production in

these sub-segments with a focus on expanding into emerging countries.

Key strategies adopted by companies within the Single Use Assemblies industry

Leading Single Use Assemblies 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 Single Use Assemblies companies.

Single Use Assemblies Market Study- Strategic Analysis Review

The Single Use Assemblies 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.

Single Use Assemblies Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Single Use Assemblies 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 2032 in three case scenarios- low case, reference case, and high case scenarios.

Single Use Assemblies Country Analysis and Revenue Outlook to 2032

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2032. 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 2032.

**North America Single Use Assemblies 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 healthcare infrastructure. Leading companies focus on new product launches in the changing environment. The US healthcare expenditure is expected to grow to \$4.8 trillion in 2024 (around 3.7% growth in 2024), potentially driving demand for various Single Use Assemblies market segments. Similarly, Strong market demand is encouraging Canadian Single Use Assemblies companies to invest in niche segments. Further, as Mexico continues to strengthen its relations and invest in technological advancements, the Mexico Single Use Assemblies market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Single Use Assemblies Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Single Use Assemblies 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 vendors in identifying and leveraging new growth prospects positions the European Single Use Assemblies 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 Single Use Assemblies 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 Single Use Assemblies in

Asia Pacific. In particular, China, India, and South East Asian Single Use Assemblies markets present a compelling outlook for 2032, acting as a magnet for both domestic and multinational vendors 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 countries in the APAC region.

**Latin America Single Use Assemblies 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 Single Use Assemblies 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 Single Use Assemblies market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Single Use Assemblies.

**Single Use Assemblies Market Company Profiles**

The global Single Use Assemblies 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 Avantor Fluid Handling LLC, Avantor Inc, Cellexus Ltd, Compagnie de Saint-Gobain SA, Corning Inc, Danaher Corp, Dover Corp, Entegris Inc, Fluid Flow Products Inc, Foxx Life Sciences Corp, Fujimori Kogyo Co. Ltd, Intellitech Inc, Keofitt A/S, Lonza Group Ltd, Meissner Filtration Products Inc, Merck KGaA, Michelin SCA, NewAge Industries Inc, Parker-Hannifin Corp, Repligen Corp, Romynox B.V., SaniSure, Sartorius AG, Thermo Fisher Scientific Inc, TSE Industries Inc.

## Recent Single Use Assemblies Market Developments

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

## Single Use Assemblies Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (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 Product

Bag Assemblies

Filtration Assemblies

Bottle Assemblies

Mixing System Assemblies

Others

By Solution

Standard Solutions

Customized Solutions

By Application

Filtration & Purification

Cell culture & Mixing

Storage

Sampling

Formulation & Fill-Finish

Others

By End-User

Pharmaceutical Companies

Contract Research Organizations

Academic & Research Institutes

Others

Geographical Segmentation:

*Single Use Assemblies Market Size, Trends, Analysis, and Outlook By Product (Bag Assemblies, Filtration Assemb...*

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Avantor Fluid Handling LLC

Avantor Inc

Cellexus Ltd

Compagnie de Saint-Gobain SA

Corning Inc

Danaher Corp

Dover Corp

Entegris Inc

Fluid Flow Products Inc

Foxx Life Sciences Corp

Fujimori Kogyo Co. Ltd

Intellitech Inc

Keofitt A/S



Lonza Group Ltd

Meissner Filtration Products Inc

Merck KGaA

Michelin SCA

NewAge Industries Inc

Parker-Hannifin Corp

Repligen Corp

Romynox B.V.

SaniSure

Sartorius AG

Thermo Fisher Scientific Inc

TSE Industries Inc

Formats Available: Excel, PDF, and PPT

## Contents

### 1. EXECUTIVE SUMMARY

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

### 2. SINGLE USE ASSEMBLIES MARKET SIZE OUTLOOK TO 2030

- 2.1 Single Use Assemblies Market Size Outlook, USD Million, 2021- 2030
- 2.2 Single Use Assemblies Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. SINGLE USE ASSEMBLIES 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. SINGLE USE ASSEMBLIES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Product
    - Bag Assemblies
    - Filtration Assemblies

Bottle Assemblies

Mixing System Assemblies

Others

By Solution

Standard Solutions

Customized Solutions

By Application

Filtration & Purification

Cell culture & Mixing

Storage

Sampling

Formulation & Fill-Finish

Others

By End-User

Pharmaceutical Companies

Contract Research Organizations

Academic & Research Institutes

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 Single Use Assemblies Market, 2025

5.2 Asia Pacific Single Use Assemblies Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Single Use Assemblies Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Single Use Assemblies Market, 2025

5.5 Europe Single Use Assemblies Market Size Outlook by Type, 2021- 2030

5.6 Europe Single Use Assemblies Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Single Use Assemblies Market, 2025

5.8 North America Single Use Assemblies Market Size Outlook by Type, 2021- 2030

5.9 North America Single Use Assemblies Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Single Use Assemblies Market, 2025

5.11 South America Pacific Single Use Assemblies Market Size Outlook by Type, 2021- 2030

5.12 South America Single Use Assemblies Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Single Use Assemblies Market, 2025

5.14 Middle East Africa Single Use Assemblies Market Size Outlook by Type, 2021-2030

5.15 Middle East Africa Single Use Assemblies Market Size Outlook by Application, 2021- 2030

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

6.1 US Single Use Assemblies Market Size Outlook and Revenue Growth Forecasts

6.2 US Single Use Assemblies Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Single Use Assemblies Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Single Use Assemblies Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Single Use Assemblies Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Single Use Assemblies Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Single Use Assemblies Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Single Use Assemblies Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Single Use Assemblies Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Single Use Assemblies Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Single Use Assemblies Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Single Use Assemblies Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Single Use Assemblies Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Single Use Assemblies Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Single Use Assemblies Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Single Use Assemblies Industry Drivers and Opportunities

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

6.32 Rest of Asia Pacific Single Use Assemblies Industry Drivers and Opportunities

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

## **7. SINGLE USE ASSEMBLIES MARKET OUTLOOK ACROSS SCENARIOS**

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

## **8. SINGLE USE ASSEMBLIES COMPANY PROFILES**

- 8.1 Profiles of Leading Single Use Assemblies Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Avantor Fluid Handling LLC

Avantor Inc

Cellexus Ltd

Compagnie de Saint-Gobain SA

Corning Inc

Danaher Corp

Dover Corp

Entegris Inc

Fluid Flow Products Inc

Foxx Life Sciences Corp

Fujimori Kogyo Co. Ltd

Intellitech Inc

Keofitt A/S

Lonza Group Ltd

Meissner Filtration Products Inc

Merck KGaA

Michelin SCA

NewAge Industries Inc  
Parker-Hannifin Corp  
Repligen Corp  
Romynox B.V.  
SaniSure  
Sartorius AG  
Thermo Fisher Scientific Inc  
TSE Industries 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

## I would like to order

Product name: Single Use Assemblies Market Size, Trends, Analysis, and Outlook By Product (Bag Assemblies, Filtration Assemblies, Bottle Assemblies, Mixing System Assemblies, Others), By Solution (Standard Solutions, Customized Solutions), By Application (Filtration & Purification, Cell culture & Mixing, Storage, Sampling, Formulation & Fill-Finish, Others), By End-User (Pharmaceutical Companies, Contract Research Organizations, Academic & Research Institutes, Others), by Country, Segment, and Companies, 2024-2032

Product link: <https://marketpublishers.com/r/S156F72EF52AEN.html>

Price: US\$ 3,980.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S156F72EF52AEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970