

Single-use Bioprocessing Probes and Sensors Market Size, Trends, Analysis, and Outlook By Type (pH Sensor, Oxygen Sensor, Pressure Sensors, Temperature Sensors, Conductivity Sensors, Flow Meters & Sensors, Others), By Workflow (Upstream, Downstream), By End-user (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutes, Others), by Region, Country, Segment, and Companies, 2024-2030

<https://marketpublishers.com/r/S5AA1FAD1D16EN.html>

Date: March 2024

Pages: 190

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

ID: S5AA1FAD1D16EN

Abstracts

The global Single-use Bioprocessing Probes and Sensors market size is poised to register 15.55% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Single-use Bioprocessing Probes and Sensors market across By Type (pH Sensor, Oxygen Sensor, Pressure Sensors, Temperature Sensors, Conductivity Sensors, Flow Meters & Sensors, Others), By Workflow (Upstream, Downstream), By End-user (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutes, Others).

The Single-use Bioprocessing Probes and Sensors Market is witnessing growth driven by increasing demand for disposable and contamination-free bioprocess monitoring solutions, rising adoption of single-use technologies in biomanufacturing, and advancements in sensor design and integration. Single-use probes and sensors enable real-time monitoring of critical process parameters such as pH, dissolved oxygen, and temperature in bioreactors and fermenters. Key trends include the development of disposable sensor patches and microfluidic chips for in-line process monitoring and

quality control, integration of wireless connectivity and data analytics for remote monitoring and process optimization, and customization of sensor configurations for specific bioprocessing applications and scalability. Additionally, increasing investment in biopharmaceutical manufacturing capacity and flexible production platforms, expansion of contract manufacturing services and bioprocess outsourcing, and regulatory approvals for new single-use sensor technologies contribute to market expansion.

Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors industry.

Key market trends defining the global Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors industry

Leading Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors companies.

Single-use Bioprocessing Probes and Sensors Market Study- Strategic Analysis Review

The Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Single-use Bioprocessing Probes and Sensors 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.

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

Europe Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors 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 Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors in Asia Pacific. In particular, China, India, and South East Asian Single-use Bioprocessing Probes and Sensors 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 Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Single-use Bioprocessing Probes and Sensors.

Single-use Bioprocessing Probes and Sensors Market Company Profiles

The global Single-use Bioprocessing Probes and Sensors 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 ABEC, Danaher, Dover Corp, Equflow, Hamilton Company, Parker Hannifin Corp, PendoTECH LLC, PreSens Precision Sensing GmbH, Sartorius AG, Thermo Fisher Scientific

Recent Single-use Bioprocessing Probes and Sensors Market Developments

The global Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors 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

pH Sensor

Oxygen Sensor

Pressure Sensors

Temperature Sensors

Conductivity Sensors

Flow Meters & Sensors

Others

By Workflow

Upstream

Downstream

By End-User

Biopharmaceutical & Pharmaceutical Companies

CROs & CMOs

Academic & Research Institutes

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

ABEC

Danaher

Dover Corp

Equflow

Hamilton Company

Parker Hannifin Corp

PendoTECH LLC

PreSens Precision Sensing GmbH

Sartorius AG

Thermo Fisher Scientific

Formats Available: Excel, PDF, and PPT

Contents

1. EXECUTIVE SUMMARY

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

2. SINGLE-USE BIOPROCESSING PROBES AND SENSORS MARKET SIZE OUTLOOK TO 2030

- 2.1 Single-use Bioprocessing Probes and Sensors Market Size Outlook, USD Million, 2021- 2030
- 2.2 Single-use Bioprocessing Probes and Sensors Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

3. SINGLE-USE BIOPROCESSING PROBES AND SENSORS 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 BIOPROCESSING PROBES AND SENSORS 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

pH Sensor

Oxygen Sensor

Pressure Sensors

Temperature Sensors

Conductivity Sensors

Flow Meters & Sensors

Others

By Workflow

Upstream

Downstream

By End-User

Biopharmaceutical & Pharmaceutical Companies

CROs & CMOs

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 Bioprocessing Probes and Sensors Market, 2025

5.2 Asia Pacific Single-use Bioprocessing Probes and Sensors Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Single-use Bioprocessing Probes and Sensors Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Single-use Bioprocessing Probes and Sensors Market, 2025

5.5 Europe Single-use Bioprocessing Probes and Sensors Market Size Outlook by Type, 2021- 2030

5.6 Europe Single-use Bioprocessing Probes and Sensors Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Single-use Bioprocessing Probes and Sensors Market, 2025

5.8 North America Single-use Bioprocessing Probes and Sensors Market Size Outlook

by Type, 2021- 2030

5.9 North America Single-use Bioprocessing Probes and Sensors Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Single-use Bioprocessing Probes and Sensors Market, 2025

5.11 South America Pacific Single-use Bioprocessing Probes and Sensors Market Size Outlook by Type, 2021- 2030

5.12 South America Single-use Bioprocessing Probes and Sensors Market Size Outlook by Application, 2021- 2030

5.13 Key Findings for Middle East and Africa Single-use Bioprocessing Probes and Sensors Market, 2025

5.14 Middle East Africa Single-use Bioprocessing Probes and Sensors Market Size Outlook by Type, 2021- 2030

5.15 Middle East Africa Single-use Bioprocessing Probes and Sensors Market Size Outlook by Application, 2021- 2030

6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030

6.1 US Single-use Bioprocessing Probes and Sensors Market Size Outlook and Revenue Growth Forecasts

6.2 US Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Single-use Bioprocessing Probes and Sensors Industry Drivers and

Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.33 Brazil Market Size Outlook and Revenue Growth Forecasts

6.34 Brazil Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.36 Argentina Market Size Outlook and Revenue Growth Forecasts

6.36 Argentina Single-use Bioprocessing Probes and Sensors 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 Bioprocessing Probes and Sensors Industry Drivers and Opportunities

6.39 Middle East Market Size Outlook and Revenue Growth Forecasts

6.40 Middle East Single-use Bioprocessing Probes and Sensors Industry Drivers and

Opportunities

6.41 Africa Market Size Outlook and Revenue Growth Forecasts

6.42 Africa Single-use Bioprocessing Probes and Sensors Industry Drivers and Opportunities

7. SINGLE-USE BIOPROCESSING PROBES AND SENSORS MARKET OUTLOOK ACROSS SCENARIOS

7.1 Low Growth Case

7.2 Reference Growth Case

7.3 High Growth Case

8. SINGLE-USE BIOPROCESSING PROBES AND SENSORS COMPANY PROFILES

8.1 Profiles of Leading Single-use Bioprocessing Probes and Sensors Companies in the Market

8.2 Business Descriptions, SWOT Analysis, and Growth Strategies

8.3 Financial Performance and Key Metrics

ABEC

Danaher

Dover Corp

Equflow

Hamilton Company

Parker Hannifin Corp

PendoTECH LLC

PreSens Precision Sensing GmbH

Sartorius AG

Thermo Fisher Scientific

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 Bioprocessing Probes and Sensors Market Size, Trends, Analysis, and Outlook By Type (pH Sensor, Oxygen Sensor, Pressure Sensors, Temperature Sensors, Conductivity Sensors, Flow Meters & Sensors, Others), By Workflow (Upstream, Downstream), By End-user (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutes, Others), by Region, Country, Segment, and Companies, 2024-2030

Product link: <https://marketpublishers.com/r/S5AA1FAD1D16EN.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

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/S5AA1FAD1D16EN.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