

# **Global Single-use Pump Market Size Study, by Product (Equipment, Accessories), by Material (Polypropylene (PP) Pumps, Polyethylene (PE) Pumps), by End-use (Biopharmaceutical & Pharmaceutical Companies, CROs & CMOs, Academic & Research Institutes, Others), and Regional Forecasts 2022-2032**

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## **Abstracts**

The global single-use pump market was valued at approximately USD 429.92 million in 2023 and is projected to grow at a compound annual growth rate (CAGR) of 13.23% during the forecast period 2024-2032. Single-use pumps are gaining significant traction due to their ability to enhance sterility, minimize contamination risks, and offer cost-effective solutions in biopharmaceutical, pharmaceutical, and other industrial applications. These pumps are integral to fluid handling, transport, and storage in highly regulated and sterile environments.

The market's growth is driven by increasing demand in the biopharmaceutical sector, rapid advancements in single-use technology, and a growing emphasis on efficient and contamination-free processes. With the pharmaceutical industry's ongoing transformation toward biopharmaceutical production, single-use pumps play a critical role in delivering effective solutions. Additionally, the surging prevalence of chronic diseases globally and increased healthcare expenditure bolster market demand.

Innovations in pump materials and design, such as polypropylene and polyethylene variants, ensure compatibility with diverse applications, improving operational efficiency. Furthermore, the adoption of single-use technologies across other industries like food & beverage and cosmetics underscores their versatility. Governments' investments in

healthcare infrastructure and regulatory frameworks supporting single-use systems are creating lucrative growth opportunities in emerging markets.

North America currently dominates the market, driven by a robust pharmaceutical industry, stringent regulatory standards, and technological advancements. However, the Asia-Pacific region is expected to witness the fastest growth, supported by increasing investments in healthcare, expanding biopharmaceutical manufacturing, and a shift toward cost-effective production methods.

Major players in the market are focusing on product development, strategic partnerships, and geographic expansion to strengthen their market position. Recent product launches and collaborations underline the growing emphasis on innovation and scalability within the single-use pump industry.

Major Market Players Included in This Report Are:

Dover Corporation

Spirax Group plc

Xylem

Levitronix

Stobbe Group

Getinge (High Purity New England)

Ace Sanitary

Verder Group (Verder Liquids)

Sartorius AG

Avantor Inc.

And others

The Detailed Segments and Sub-Segments of the Market are Explained Below:

By Product:

Equipment

Peristaltic Pumps

Quaternary Diaphragm Pumps

Centrifugal Pumps

Others

Accessories

By Material:

Polypropylene (PP) Pumps

Polyethylene (PE) Pumps

Others

By End-Use:

Biopharmaceutical & Pharmaceutical Companies

CROs & CMOs

Academic & Research Institutes

Others

By Region:

North America

U.S.

Canada

Mexico

Europe

Germany

UK

France

Italy

Spain

Denmark

Sweden

Norway

Asia-Pacific

China

Japan

India

South Korea

Australia

Thailand

Latin America

Brazil

Argentina

Middle East & Africa

South Africa

Saudi Arabia

UAE

Kuwait

Years Considered for the Study Are as Follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Comprehensive market estimates and forecasts for the period 2022-2032.

Regional and segmental revenue analysis for better market understanding.

Competitive landscape insights and strategic recommendations for market players.

Country-level analysis of major regions and their growth potential.

In-depth demand-side and supply-side analysis of the market.



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