

## **Prefilled Syringes Market: Global Industry Analysis, Trends, Market Size, and Forecasts up to 2030**

Market Report | 2023-10-20 | 350 pages | Infinium Global Research and Consulting Solutions

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### **Report description:**

The report on the global prefilled syringes market provides qualitative and quantitative analysis for the period from 2021-2030. The global prefilled syringes market was valued at USD 18.42 billion in 2022 and is expected to reach USD 54.06 billion in 2030, with a CAGR of 12.48% during the forecast period 2023-2030. The study on prefilled syringes market covers the analysis of the leading geographies such as North America, Europe, Asia Pacific, and RoW for the period of 2021-2030.

A prefilled syringe is designed for the safe and convenient delivery of medications, vaccines, or other substances that need to be administered by injection. It is a syringe that comes preloaded with a specific dose of the substance, which is typically in liquid form, and ready for use. Prefilled syringes have become increasingly popular in healthcare settings due to their many advantages, including accuracy, convenience, reduce contamination risk, decreased waste, improved safety, patient convenience, and others. Prefilled syringes have a broad range of applications, including vaccination programs, managing chronic diseases, emergency medicine, and the delivery of biologics and biosimilars. One of their primary uses is in vaccination programs on a global scale. Prefilled syringes play a pivotal role in streamlining the vaccination process, minimizing the potential for dosing errors, and proving indispensable during large-scale vaccination efforts during outbreaks and pandemics. The rapid expansion of the injectables market, driven by the surging introduction of biotechnology products, is a key factor boosting the growth of the prefilled syringe market. The proliferation of biotech product launches plays a pivotal role in stimulating demand for prefilled syringes. With the ongoing expansion and innovation within the biotechnology sector, it is expected that the demand for prefilled syringes will continue to rise.

The prefilled syringes market has witnessed remarkable growth in recent years. the glass prefilled syringes segment is emerging as the fastest-growing segment in the prefilled syringes market. Glass is chemically inert and has a low reactivity with drugs, making it an ideal material for storing and delivering a wide range of pharmaceuticals, including biologics and sensitive drug formulations. This compatibility is crucial for biotech products and high-value medications. Moreover, glass syringes provide an excellent barrier to oxygen, moisture, and other external contaminants, ensuring the stability and integrity of the drug over time. This is especially important for biologics, vaccines, and other sensitive medications that can degrade when exposed to environmental factors. The sales rate of glass prefilled syringes in the market is propelled by the key advantages offered by glass prefilled syringes such as drug compatibility, preservation of drug integrity, reduced risk of leaching, long shelf life, and others.

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The dominance of the Europe region in the global prefilled syringes market can be attributed to several key factors. These include the region's well-established and high-quality healthcare infrastructure, a strong pharmaceutical industry, a growing biologics and biosimilars market, and a strong commitment to patient safety. Europe is renowned for its robust healthcare system, which places a high priority on patient safety. Prefilled syringes align perfectly with these safety standards, making them the preferred choice for delivering medications. Furthermore, Europe boasts a thriving pharmaceutical and biotechnology industry, home to numerous companies that manufacture a wide range of medications, including biologics and vaccines. Many of these pharmaceutical products are administered using prefilled syringes. The European market has also seen significant growth in the biologics and biosimilars sector. These specialized drugs often require precise dosing and stringent safety measures, driving up the demand for prefilled syringes in the region. Europe based pharma companies focusing on advancements in the prefilled syringes. For instance, in November 2022, Schreiner MediPharm and Schott Pharma achieved a significant milestone by introducing prefilled syringes with RFID technology at the recent PDA Universe of Prefilled Syringes and Injection Devices Conference in California. The collaboration of syringes with smart labels presents a range of possibilities for streamlining hospital operations. The technology can be customized to meet specific customer needs, ensuring seamless functionality from the manufacturing stage through to the end-user experience. This innovation serves to bolster product safety measures and mitigate the risk of medication errors, ultimately enhancing overall healthcare outcomes.

#### Report Findings

##### 1) Drivers

- Increased focus on reducing medication errors and improving dosing accuracy is boosting prefilled syringe adoption.
- Enhanced patient convenience and healthcare provider efficiency are contributing to the prefilled syringe market's growth.

##### 2) Restraints

- Stringent government regulations, the presence of alternative drug delivery methods, and product recalls may hamper the market.

##### 3) Opportunities

- The growing prevalence of chronic diseases and the expansion of biopharmaceuticals create opportunities for the prefilled syringes market.

#### Research Methodology

##### A) Primary Research

Our primary research involves extensive interviews and analysis of the opinions provided by the primary respondents. The primary research starts with identifying and approaching the primary respondents, the primary respondents are approached include

1. Key Opinion Leaders associated with Infinium Global Research
2. Internal and External subject matter experts
3. Professionals and participants from the industry

Our primary research respondents typically include

1. Executives working with leading companies in the market under review
2. Product/brand/marketing managers
3. CXO level executives
4. Regional/zonal/ country managers
5. Vice President level executives.

##### B) Secondary Research

Secondary research involves extensive exploring through the secondary sources of information available in both the public domain and paid sources. At Infinium Global Research, each research study is based on over 500 hours of secondary research accompanied by primary research. The information obtained through the secondary sources is validated through the crosscheck on various data sources.

The secondary sources of the data typically include

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1. Company reports and publications
2. Government/institutional publications
3. Trade and associations journals
4. Databases such as WTO, OECD, World Bank, and among others.
5. Websites and publications by research agencies

#### Segment Covered

The global prefilled syringes market is segmented on the basis of type, material type, design, application, and distribution channel.

#### The Global Prefilled Syringes Market by Type

- Disposable Prefilled Syringes
- Reusable Prefilled Syringes

#### The Global Prefilled Syringes Market by Material Type

- Glass Prefilled Syringes
- Plastic Prefilled Syringes

#### The Global Prefilled Syringes Market by Design

- Single-chamber Prefilled Syringes
- Dual-chamber Prefilled Syringes
- Customized Prefilled Syringes

#### The Global Prefilled Syringes Market by Application

- Diabetes
- Rheumatoid Arthritis
- Anaphylaxis
- Cancer
- Others

#### The Global Prefilled Syringes Market by Distribution Channel

- Hospital Pharmacies
- Retail Pharmacies & Drug Stores
- E-Commerce

#### Company Profiles

The companies covered in the report include

- West Pharmaceutical Services
- Taj Pharma Group
- SCHOTT AG
- NIPRO
- Baotou KONRE Pharma Glass Packaging Co.,Ltd.
- Gerresheimer AG
- MedXL Inc.
- Baxter
- Pfizer Inc.
- Owen Mumford

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What does this Report Deliver?

1. Comprehensive analysis of the global as well as regional markets of the prefilled syringes market.
2. Complete coverage of all the segments in the prefilled syringes market to analyze the trends, developments in the global market and forecast of market size up to 2030.
3. Comprehensive analysis of the companies operating in the global prefilled syringes market. The company profile includes analysis of product portfolio, revenue, SWOT analysis and latest developments of the company.
4. IGR- Growth Matrix presents an analysis of the product segments and geographies that market players should focus to invest, consolidate, expand and/or diversify.

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