

Prefilled Syringe Market: Trends, Opportunities and Competitive Analysis

<https://marketpublishers.com/r/PACFC933EC8AEN.html>

Date: May 2024

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: PACFC933EC8AEN

Abstracts

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Prefilled Syringe Market Introduction

The global prefilled syringe market has witnessed substantial growth in recent years, driven by the increasing demand for convenient, safe, and ready-to-use drug delivery systems in the healthcare industry. Prefilled syringes offer numerous advantages over traditional vials and syringes, including accurate dosing, reduced risk of contamination, ease of administration, and improved patient adherence. This report provides a comprehensive analysis of the prefilled syringe market, including market share insights, size estimations, and a detailed market analysis.

Prefilled Syringe Market Overview

Lucintel finds the future of the global prefilled syringe market looks promising with opportunities in hospital/clinics, ambulatory surgical centers and other end-users. The global prefilled syringe market is expected to reach an estimated \$6.2 billion by 2030 with a CAGR of 2.0% from 2024 to 2030. The major drivers for this market are increasing prevalence of chronic diseases and growing home-based healthcare market.

The prefilled syringe market has experienced significant growth and is expected to continue expanding in the coming years. The market size is influenced by factors such as the increasing adoption of injectable therapies, the rise in biologic drug development, and the growing preference for self-administration devices.

A total of 108 figures / charts and 95 tables are provided in this 226-page report

to help in your business decisions. Sample figures with some insights are shown below.

Emerging Trends in Prefilled Syringe

The global prefilled syringe market is witnessing significant growth, driven by the increasing demand for safe, convenient, and user-friendly drug delivery systems. Market share is concentrated among key players, with ongoing investments in research and development to introduce innovative prefilled syringe solutions. The market size is projected to grow substantially, fueled by factors such as the rising prevalence of chronic diseases, the development of biologic drugs, and the growing preference for self-administration devices.

Furthermore, the report includes a detailed market analysis of each syringe type, providing information on technological advancements, market trends, and future growth prospects. It examines the regulatory landscape and quality standards affecting prefilled syringes, along with the impact of emerging trends such as needle safety devices and connectivity solutions on the market.

Emerging trends, which have a direct impact on the dynamics of the industry, include the usage of syringe plunger stopper for enhanced biologic drug delivery and usage of finer needles or microneedles in prefilled syringes.

In this market, diabetes is the largest application market, and hospitals/clinics is the largest end use segment. Growth in various segments of the prefilled syringe market are shown in the figure below.

Prefilled Syringe Market by Segment

The prefilled syringe market report provides valuable insights into market trends, competitive dynamics, and growth opportunities. It enables stakeholders to make informed decisions, understand market dynamics, and capitalize on the expanding prefilled syringe market. As the healthcare industry continues to prioritize patient safety and convenience, the adoption of prefilled syringes is expected to increase, revolutionizing drug delivery and improving patient outcomes. The study includes trends and forecast for the global prefilled syringe market by application, design, end use, material, type, and region as follows:

Prefilled Syringe Market by Material [Value (\$M) from 2016 to 2027]:

Glass-Based

Plastic-Based

Prefilled Syringe Market by Product Type [Value (\$ Million) from 2016 t%li%2027]:

Conventional

Safety

Prefilled Syringe Market by Design [Value (\$M) from 2016 t%li%2027]:

Single-Chamber

Dual-Chamber

Customized

Prefilled Syringe Market by Application [Value (\$M) from 2016 t%li%2027]:

Anaphylaxis

Diabetes

Rheumatoid Arthritis

Others

Prefilled Syringe Market by End User [Value (\$ Million) from 2016 t%li%2027]:

Hospitals/Clinics

Ambulatory Surgical Centers

Others

Prefilled Syringe Market by Region [Value (\$ Million) from 2016 to 2027]:

North America

US

Canada

Mexico

Europe

United Kingdom

France

Germany

Italy

Spain

APAC

China

Japan

India

ROW

Brazil

Prefilled Syringe Market Share

Prefilled syringes are pre-filled with a specific dose of medication, allowing for easy and accurate administration by healthcare professionals or self-administration by patients. They are used in various therapeutic areas, including vaccines, insulin, anticoagulants, biologics, and other injectable drugs. The market is driven by factors such as the increasing prevalence of chronic diseases, the need for safe and efficient drug delivery systems, and the growing emphasis on patient convenience.

The market share dynamics within the prefilled syringe market are evolving, with the emergence of new players and the expansion of contract manufacturing organizations. Additionally, collaborations between pharmaceutical companies and packaging suppliers are driving the development of specialized prefilled syringes for biologics, biosimilars, and personalized medicines.

The shift towards prefilled syringes is driven by the need for improved safety, reduced medication errors, and enhanced patient experience. Prefilled syringes eliminate the need for manual filling and reduce the risk of dosing errors, making them a preferred choice for healthcare providers and patients alike. Moreover, the growing emphasis on patient-centric care and home healthcare further contributes to the market growth.

Prefilled Syringe Manufacturers

In terms of market share, the prefilled syringe market is dominated by key players such as Becton, Dickinson and Company, Gerresheimer AG, SCHOTT AG, West Pharmaceutical Services, Inc., and AptarGroup, Inc. These companies have established themselves as leaders in the prefilled syringe industry, offering a diverse portfolio of prefilled syringe solutions that meet regulatory requirements and address the evolving needs of healthcare providers and patients. They invest in research and development to introduce innovative designs, materials, and technologies.

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies, prefilled syringe companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the prefilled syringe companies profiled in this report include-

Becton, Dickinson, and Company

Gerresheimer AG

B. Braun Melsungen

Schott AG

Baxter International

Nipro Corporation

Shandong Weigao Group

Prefilled Syringe Market Insights

Lucintel forecasts conventional prefilled syringes will remain the largest segment, and it is also expected to witness the highest growth over the forecast period due to increasing prevalence of chronic diseases like diabetes, cancer, and autoimmune diseases.

Diabetes will remain the largest application segment over the forecast due to rise in adoption of injectable devices, surges in the advantages of prefilled syringes, and an increase in prevalence of chronic diseases.

APAC will remain the fastest growing region over the forecast period due to improvements in healthcare infrastructure, a rise in number of hospitals equipped with advanced instruments, and development of the R&D sector.

Features of the Global Prefilled Syringe Market

Market Size Estimates: Global prefilled syringe market size estimation in terms of value (\$M) shipment.

Trend and Forecast Analysis: Market trends (2018-2023) and forecast (2024-2030) by various segments.

Segmentation Analysis: Global prefilled syringe market size by material, product type, design, application, end user, and region in terms of value.

Regional Analysis: Global prefilled syringe market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different by material, product type, design, application, end user, and region for the global prefilled syringe market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global prefilled syringe market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model

Frequently Asked Questions (FAQ)

Q1. How big is the prefilled syringe market?

Answer: The global prefilled syringe market is expected to reach an estimated \$6.2 billion by 2030.

Q2. What is the growth forecast for the prefilled syringe market?

Answer: The global prefilled syringe market is expected to grow at a CAGR of 2.0% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the prefilled syringe market?

Answer: The major drivers for this market are increasing prevalence of chronic diseases and growing home-based healthcare market.

Q4. What are the major applications of the prefilled syringe market?

Answer: Anaphylaxis, diabetes, rheumatoid arthritis, and others are the major application segments of prefilled syringe.

Q5. What are the emerging trends in the prefilled syringe market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include the usage of syringe plunger stopper for enhanced biologic drug delivery and usage of finer needles or microneedles in prefilled syringes.

Q6. What are the key prefilled syringe companies?

Answer: Some of the key prefilled syringe companies are as follows:

Becton, Dickinson, and Company

Gerresheimer AG

B. Braun Melsungen

Schott AG

Baxter International

Nipro Corporation

Shandong Weigao Group

Q7. Which will be the largest product type segment of the prefilled syringe market in the future?

Answer: Lucintel forecasts that conventional prefilled syringes will remain the largest segment, and it is also expected to witness the highest growth over the forecast period due to increasing prevalence of chronic diseases like diabetes, cancer, and autoimmune diseases.

Q8. In prefilled syringe market, which region is expected to be the largest in the next five years?

Answer: Asia Pacific is expected to be the largest region over the next five years.

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions

Q.1 What are some of the most promising growth opportunities for the global prefilled syringe market by material (glass-based and plastic-based), product type (conventional and safety), design (single chamber, dual chamber, and customized), application (anaphylaxis, diabetes, rheumatoid arthritis, and others), end user (hospitals/clinics, ambulatory surgical centers, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2 Which segments will grow at a faster pace and why?

Q.3 Which region will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global prefilled syringe market?

Q.5 What are the business risks and threats to the global prefilled syringe market?

Q.6 What are the emerging trends in this prefilled syringe market and the reasons behind them?

Q.7 What are some changing demands of customers in the prefilled syringe market?

Q.8 What are the new developments in the prefilled syringe market? Which companies are leading these developments?

Q.9 Who are the major players in the prefilled syringe market? What strategic initiatives are being implemented by key players for business growth?

Q.10 What are some of the competitive products and processes in the prefilled syringe market, and how big of a threat do they pose for loss of market share via material or product substitution?

Q.11 What M&A activities did take place in the last five years in the global prefilled syringe market?

For any questions related to prefilled syringe market or related prefilled syringe manufacture, prefilled syringe companies, prefilled syringe market share, prefilled syringe market analysis, prefilled syringe market size, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

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