

# **Global Prefilled Syringes Market by Material (Glass Prefilled Syringes, and Plastic Prefilled Syringes), by Design (Single-Chamber Prefilled Syringes, Dual Prefilled Syringes, and Customized Prefilled Syringes), By Type (Disposable, and Reusable) By Application (Anaphylaxis, Rheumatoid Arthritis, Diabetes and Others (Vaccine, Biotech drug)), By Distribution Channel(Hospitals, Mail Order Pharmacies and Ambulatory Surgery Centers), and By Region (North America, Europe, Asia Pacific, South America, and Middle East & Africa)**

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## **Abstracts**

The global prefilled syringes market size is anticipated to reach USD 10.5 billion by 2028, at a CAGR of 8.5% during the forecast period due to the high prevalence of chronic diseases and the rising adoption of self-injection devices.

Global prefilled syringes market estimated to grow with a CAGR of 8.5% during the forecast period, 2021-2028. It is owing to the benefits of prefilled syringes such as the low risk of infection, higher precision, and standardization over the traditional syringes. Moreover, the growing adoption of prefilled syringes as it increased patient safety and convenience for healthcare practitioners in dose preparation and delivery are key factors driving the robust growth of the prefilled syringes market in the future timeline.

Additionally, technological advancements in prefilled syringes, along with the mounting adoption of self-injection devices will accelerate the global prefilled syringes market in

the next few years. The upsurge in demand for prefilled syringes to help the healthcare professional in saving time and efforts while preparing injection doses and minimize the manual and device-based measuring errors and wastage of active pharmaceutical ingredients will augment the growth of global prefilled syringes industry.

The recent development in the bubble-free prefilled syringes which indulge in molecular rearrangement in some protein will influence the demand of prefilled syringes. Further, the advantages of prefilled syringes over traditional syringes, such as eliminating dosing errors and ease of use, are major key factors estimated to trigger the growth of the prefilled syringes industry in the projected periods. Also, the growing usage of prefilled syringes as autoinjectors and pen injectors in chronic diseases is expected to augment the global prefilled syringes in the forthcoming periods.

#### Material Overview in the Global Prefilled Syringes Market

Based on material, the global Prefilled Syringes market bifurcated into Glass Prefilled Syringes, and Plastic Prefilled Syringes. The Glass Prefilled Syringes segment likely to lead the market by 2028, as it has excellent barrier properties, and it helps in preventing water and oxygen vapor from interacting with drug compounds.

#### Design Overview in the Global Prefilled Syringes market

Based on the design, the global Prefilled Syringes market categorized into Single-Chamber Prefilled Syringes, Dual Prefilled Syringes, and Customized Prefilled Syringes. The Single-Chamber Prefilled Syringes segment likely to lead the market by 2028, as it has sterile primary drug containers and provides protection to patients and clinicians from needle stick injuries.

#### Type Overview in the Global Prefilled Syringes Market

Based on type, the global Prefilled Syringes market bifurcated into disposable and reusable. The disposable segment accounted for a higher market share in 2019 and expected to generate maximum revenue by 2028 attributable to it has high preferences for reducing contamination risk features.

#### Application Overview in the Global Prefilled Syringes Market

Based on the application, the global prefilled syringes market segregated into Anaphylaxis, Rheumatoid Arthritis, Diabetes, and Others (Vaccine, Biotech drug).

Diabetes segments estimated to dominate the market by 2028 on account of the rising prevalence of the disease and the need for effective and safer insulin delivery devices.

### Distribution Channel Overview in the Global Prefilled Syringes Market

Based on the distribution channel, the global prefilled syringes market categorized into Hospitals, Mail Order Pharmacies, and Ambulatory Surgery Centers. The hospital segment held a major market share in 2020 and projected to dominate the market by 2028. It is owing to the rising trend of self-care due to the easy availability of advanced devices that reduce the visits to healthcare professionals.

### Regional Overview in the Global Prefilled Syringes Market

By geography, the global prefilled syringes market segmented into North America, Europe, Asia Pacific, Middle East & Africa, and South America. Europe anticipated dominating the prefilled syringes market by 2028. It is primarily attributed to the growing prevalence of the various chronic disease, the growing prevalence of diabetes, and autoimmune diseases in the region coupled with financial support by the European Union for R&D in the pharmaceutical industry.

### Global Prefilled Syringes Market: Competitive Landscape

Companies such as

Becton

Dickinson and Company

Gerresheimer AG

West Pharmaceutical Services Inc.

SCHOTT AG

Ompi

Vetter Pharma International GmbH

Catalent Inc.

Weigao Group

Nipro Corporation

MedPro Inc.

Fresenius Kabi

Stevanato Group

Novartis

Mylan

Weigao

And others are the key players in the Global Prefilled Syringes Market.

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