

Elastomer Infusion Pump Market Set to Surge to \$745 Million by 2026 at a 4.2% CAGR

The global elastomer infusion pump market is projected to reach around \$745 million by 2026, registering a CAGR of 4.2% from 2019 to 2026.

WILMINGTON, DE, UNITED STATES, February 26, 2025 /EINPresswire.com/ -- In 2018, the global [elastomer infusion pump market](#) was valued at approximately \$534 million.

Projections indicate that this market is expected to reach around \$745 million by 2026, registering a CAGR of 4.2% from 2019 to 2026. The global

elastomer infusion pump market has been experiencing significant growth, driven by advancements in medical technology and an increasing demand for efficient drug delivery systems. Elastomer infusion pumps, also known as non-electronic medication pumps or balloon pumps, are devices designed to administer drugs in a controlled manner into a patient's body. Their portability, ease of use, and precision in drug delivery make them a preferred choice in various medical applications.

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Elastomer Infusion Pump Market Growth Factors

Several factors contribute to the growth of the elastomer infusion pump market:

1. Increase in Orthopedic Procedures and Surgeries: The rising number of orthopedic surgeries necessitates effective post-operative pain management, for which elastomer infusion pumps are extensively used.
2. Demand for Disposable Ambulatory Pumps: There's a growing preference for small, disposable ambulatory elastomer infusion pumps due to their convenience and reduced risk of infection.



Elastomer Infusion Pump Market Research Report

3. Technological Advancements: Continuous innovations have led to the development of novel elastomeric infusion pumps with enhanced features, improving patient outcomes.

4. Prevalence of Chronic Diseases: The surge in chronic diseases such as cancer and diabetes increases the need for continuous and controlled drug delivery systems.

5. Shift Towards Home Healthcare: There's an increasing preference for long-term home healthcare, where elastomer infusion pumps offer a reliable solution for patients requiring ongoing medication.

6. Cost Reduction in Healthcare: Hospitals are under pressure to reduce healthcare costs, and these pumps provide a cost-effective alternative to electronic infusion devices.

Elastomer Infusion Pump Market Segmentation

The elastomer infusion pump market is segmented based on product type, application, end user, and region.

1. By Product Type:

□ Continuous Rate Pumps: These pumps deliver medication at a constant rate and are widely used due to their simplicity and reliability.

□ Variable Rate Pumps: These allow adjustments in the flow rate, offering flexibility in treatment protocols.

2. By Application:

□ Pain Management: Utilized for administering analgesics to manage acute and chronic pain conditions.

□ Infection Management: Employed in delivering antibiotics and antiviral medications.

□ Chemotherapy: Used for the controlled delivery of chemotherapeutic agents in cancer treatment.

□ Others: Includes applications like chelation therapy and deferoxamine administration.

3. By End User:

□ Hospitals and Clinics: Major users of elastomer infusion pumps for various inpatient treatments.

□ Ambulatory Care: Outpatient settings utilize these pumps for procedures that don't require hospital admission.

□ Home Care: Increasingly adopted for home-based treatments, especially for chronic conditions.

4. By Region:

□ North America: Dominates the market due to advanced healthcare infrastructure and high adoption rates of new technologies.

- Europe: Holds a significant share, with countries like Germany, France, and the UK leading in usage.
- Asia-Pacific: Expected to witness the highest growth rate, attributed to improving healthcare facilities and increasing awareness.
- LAMEA (Latin America, Middle East, and Africa): Emerging markets with potential growth opportunities due to expanding healthcare services.

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Key Players in the Elastomer Infusion Pump Market

Prominent companies operating in the elastomer infusion pump market include:

- Baxter International Inc.
- B. Braun Melsungen AG
- Halyard Health
- Heka Healthcare
- Nipro Medical Corporation
- Pfizer Inc. (Hospira Inc.)
- Pfm Medical AG
- PROMECON GmbH
- Palex Medical SA
- Samtronic SA

These companies are focusing on research and development to introduce advanced elastomer infusion pumps, aiming to enhance patient care and expand their market presence.

The elastomer infusion pump market is poised for steady growth, driven by technological advancements, increasing prevalence of chronic diseases, and a shift towards home-based healthcare solutions. As healthcare systems worldwide strive for cost-effective and efficient treatment modalities, elastomer infusion pumps offer a viable solution, ensuring controlled and continuous drug delivery across various medical applications.

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