

Elastomer Infusion Pump Market Report by Product (Continuous Rate Pumps, Variable Rate Pumps), Application (Pain Management, Infection Management, Chemotherapy, and Others), End User (Hospitals and Clinics, Ambulatory Care, and Others), and Region 2024-2032

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Abstracts

The global elastomer infusion pump market size reached US\$ 1.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 2.2 Billion by 2032, exhibiting a growth rate (CAGR) of 7.5% during 2024-2032.

Elastomer infusion pumps are medical devices used to administer liquid drugs, such as chemotherapy, antibiotics, fluorouracil (5FU), analgesics, and anesthetics, intravenously depending on the therapy required. They contain balloon-like chambers that exert pressure to deliver drugs safely at a steady rate. Nowadays, elastomer infusion pumps that are disposable, compact, portable, and lightweight are widely available for residential purposes. Moreover, several manufacturers are offering products with high flow rate accuracy, minimal residual volume for complete drug administration, and an inline filter to reduce the risk of air embolism and particle contamination.

Elastomer Infusion Pump Market Trends:

A rise in the prevalence of cancer on account of sedentary lifestyles, growing air pollution, and the increasing number of individuals who consume alcohol and smoke tobacco is resulting in the significant need for chemotherapy. This represents one of the primary factors impelling the market growth. In addition, as cellular repair is less effective in older individuals, the risk of developing cancer rises considerably with age.

Consequently, the increasing geriatric population is acting as another significant growth-inducing factor. The use of disposable, single-infusion elastomeric pumps also reduces the risk of cross-contamination between patients and healthcare professionals. Moreover, the escalating number of orthopedic procedures and surgeries is influencing the need for elastomer infusion pumps for post-operative pain management. Furthermore, the increasing burden on hospitals, in confluence with shifting preferences towards home-based care, is stimulating the market for elastomer infusion pumps over conventional electric pumps worldwide.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global elastomer infusion pump market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, application and end user.

Breakup by Product:

Continuous Rate Pumps

Variable Rate Pumps

Breakup by Application:

Pain Management

Infection Management

Chemotherapy

Others

Breakup by End User:

Hospitals and Clinics

Ambulatory Care

Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Avanos Medical Inc., B. Braun Melsungen AG, Baxter International Inc., Daiken Medical Co. Ltd., Nipro Corporation, O&M Halyard Inc, Palex Medical S.A., Pfizer Inc. (Hospira Inc.), pfm medical ag., Samtronic Industria e Comercio LTDA, Smiths Group plc. and Woo Young Medical Co. Ltd.

Key Questions Answered in This Report

1. How big is the global elastomer infusion pump market?
2. What is the expected growth rate of the global elastomer infusion pump market during 2024-2032?
3. What are the key factors driving the global elastomer infusion pump market?
4. What has been the impact of COVID-19 on the global elastomer infusion pump market?
5. What is the breakup of the global elastomer infusion pump market based on the product?

6. What is the breakup of the global elastomer infusion pump market based on the application?

7. What is the breakup of the global elastomer infusion pump market based on the end user?

8. What are the key regions in the global elastomer infusion pump market?

9. Who are the key players/companies in the global elastomer infusion pump market?

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