

South Korea Insulin Infusion Pump Market Report by Component (Insulin Pump Device, Infusion Set, Reservoir), and Region 2026-2034

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Abstracts

The South Korea insulin infusion pump market size reached USD 76.2 Million in 2025. Looking forward, IMARC Group expects the market to reach USD 103.5 Million by 2034, exhibiting a growth rate (CAGR) of 3.47% during 2026-2034. The rising prevalence of diabetes in the country, the implementation of various government initiatives, rapid technological advancements, and the integration of artificial intelligence (AI) and the Internet of Things (IoT) in pumps represent some of the key factors driving the market.

An insulin infusion pump refers to a medical device designed to administer a continuous supply of insulin to patients with diabetes. It comprises a pump, a reservoir for holding insulin, and a cannula that is inserted subcutaneously to deliver the insulin into the patient's body. Insulin infusion pumps are manufactured from durable, medical-grade materials like plastics and stainless steel, ensuring longevity and biocompatibility. They are available in various types, such as tethered pumps, patch pumps, and closed-loop systems. Insulin infusion pumps are utilized in glycemic control, insulin therapy adjustment, basal rate management, bolus dosing, continuous glucose monitoring, and remote data management. They offer precise insulin delivery, improved glucose control, greater flexibility in lifestyle, reduced risk of hypoglycemia, and overall improved quality of life. Additionally, insulin pumps provide several advantages, such as user-friendly interfaces, programmable dosing, real-time data tracking, wireless connectivity, and the ability to integrate with other digital health platforms.

SOUTH KOREA INSULIN INFUSION PUMP MARKET TRENDS:

The rising prevalence of diabetes in South Korea, prompting the demand for efficient and advanced insulin delivery systems, such as insulin infusion pumps, is one of the

major factors contributing to the market growth. Besides this, the increasing product utilization, as it offers a more accurate and convenient means of managing blood sugar levels compared to traditional methods, is providing a thrust to the market growth. Moreover, the implementation of various government initiatives, encouraging research and development (R&D) and higher investments in medical devices, is providing a conducive environment for the market growth. Along with this, rapid technological advancements, such as the incorporation of features like real-time glucose monitoring, mobile application synchronization, and predictive algorithms, enhancing the functionality and efficiency of insulin infusion pumps, are creating a positive outlook for the market growth. Additionally, the increasing integration of artificial intelligence (AI) and the Internet of Things (IoT) to develop next-generation insulin pumps with advanced features like automated insulin adjustment is fueling the market growth. In addition to this, the rising consumer awareness about the benefits of using insulin pumps over traditional methods through educational campaigns is providing a considerable boost to the market growth. Apart from this, the growing collaboration and partnership among healthcare providers, medical device manufacturers, and technology firms to innovate and accelerate the pace of research and development (R&D) in insulin infusion pumps is anticipated to drive the market growth. In line with this, the growing partnerships with software companies allowing the integration of data analytics tools to analyze patient data and optimize insulin delivery schedules are offering lucrative growth opportunities for the market across the country.

SOUTH KOREA INSULIN INFUSION PUMP MARKET SEGMENTATION:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the country level for 2026-2034. Our report has categorized the market based on component.

Component Insights:

Insulin Pump Device

Infusion Set

Reservoir

The report has provided a detailed breakup and analysis of the market based on the component. This includes insulin pump device, infusion set, and reservoir.

Regional Insights:

Seoul Capital Area

Yeongnam (Southeastern Region)

Honam (Southwestern Region)

Hoseo (Central Region)

Others

The report has also provided a comprehensive analysis of all the major regional markets, which include Seoul Capital Area, Yeongnam (Southeastern Region), Honam (Southwestern Region), Hoseo (Central Region), and Others.

COMPETITIVE LANDSCAPE:

The market research report has also provided a comprehensive analysis of the competitive landscape in the market. Competitive analysis such as market structure, key player positioning, top winning strategies, competitive dashboard, and company evaluation quadrant has been covered in the report. Also, detailed profiles of all major companies have been provided.

KEY QUESTIONS ANSWERED IN THIS REPORT

How has the South Korea insulin infusion pump market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the South Korea insulin infusion pump market?

What is the breakup of the South Korea insulin infusion pump market on the basis of component?

What are the various stages in the value chain of the South Korea insulin infusion pump market?

What are the key driving factors and challenges in the South Korea insulin infusion pump?

What is the structure of the South Korea insulin infusion pump market and who are the key players?

What is the degree of competition in the South Korea insulin infusion pump market?

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