

Key Driver Transforming The Implantable Insulin Pump Market 2025: Rising Diabetes Rates Fuel Expansion Of Market

*The Business Research Company's
Implantable Insulin Pump Global Market
Report 2025 – Market Size, Trends, And
Forecast 2025-2034*

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/EINPresswire.com/ -- What is the
expected growth trajectory for the
implantable insulin pump market?

According to the Implantable Insulin Pump Global Market Report, prominent growth has been recorded in recent years and it shows no sign of slowing down. The market size is projected to rise from \$3.54 billion in 2024 to \$3.88 billion by 2025, at a compound annual growth rate CAGR of 9.7%. Several factors contribute to this historic period's growth, including the rising prevalence of diabetes, advancements in insulin delivery systems, increased awareness around diabetes management, a growing demand for patient convenience, and supportive government regulations for diabetes care.



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The market is forecasted to continue its growth trajectory at a CAGR of 9.5%, reaching \$5.57 billion by 2029. This future growth can be ascribed to an expanding diabetic patient population, growing adaptation of personalized medicine, increased emphasis on diabetes management efficiency, a rising demand for non-invasive monitoring solutions, and the expansion of healthcare infrastructure and accessibility.

What is driving this impressive growth?

A key growth driver for the implantable insulin pump industry is the increasing incidences of



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diabetes globally. Diabetes is a chronic condition where the body struggles to control blood sugar levels, primarily because of inadequate insulin production or ineffective use of insulin by cells in the body. The rise in cases of diabetes is driven by factors such as higher obesity rates, lack of physical activity, unhealthy diets, and an ageing population. An implantable insulin pump promises precise, continuous delivery of insulin, stabilizing blood glucose levels, reducing injection frequency, and ultimately enhancing diabetes management and patients' quality of life.

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What companies are excelling in this thriving sector?

Major companies operating in the implantable insulin pump market includes Sanofi S.A., Abbott Laboratories, Medtronic plc, Dexcom Inc., Insulet Corporation, Tandem Diabetes Care Inc., Ypsomed Holding AG, Air Liquide Healthcare Ltd., Diabeloop SA, Glooko Inc., ViCentra B.V., Bigfoot Biomedical Inc., Beta Bionics Inc., Senseonics Holdings Inc., INREDA DIABETIC B.V., TIDEPOOL Inc., Medtrum Technologies Inc., Sernova Corp., PhysioLogic Devices Inc., EOFLOW CO. LTD., CamDiab Ltd. These industry leaders are constantly striving to innovate and stay ahead of the competition.

Which technological advancements are leading the way in this sector?

A prominent trend includes developing advanced products, like closed-loop insulin pump systems, to progress patient outcomes by autobalancing insulin delivery based on real-time glucose levels. For instance, Medtronic India Pvt. Ltd. launched the MiniMed 780G system in India, in March 2022. This advanced, closed-loop insulin pump system autocorrects insulin administration and supports quicker stabilization of blood sugar levels.

How is the market segmented?

The implantable insulin pump market is divided by type, application, and end-user as follows:

- Type: Closed-Loop Insulin Pump, Open-Loop Insulin Pump
- Application: Type 1 Diabetes, Type 2 Diabetes
- End-User: Hospitals, Home-Care

Furthermore, closed-loop insulin pumps are sub-segmented into fully automated, hybrid, with continuous glucose monitoring CGM, and adaptive insulin delivery. Open-loop insulin pumps are sub-segmented into manual, basal-bolus, smart, and patch-style varieties.

Where is the strongest market growth happening?

North America was the largest market region in 2024, but Asia-Pacific is expected to witness the fastest growth during the forecast period. Additionally, the report provides regional insights for Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, and Africa.

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