

India Insulin Pumps Market By Type (Patch Pumps, Tethered Pumps), By End Use (Hospitals & Clinics, Homecare, Laboratories), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Abstracts

India Insulin Pumps Market was valued at USD 38.35 Million in 2024 and is expected to reach USD 64.39 Million by 2030 with a CAGR of 8.98% during the forecast period. The India Insulin Pumps Market is experiencing steady growth, driven by the rising prevalence of diabetes, particularly Type 1 and insulin-dependent Type 2 cases, which are increasing due to sedentary lifestyles and unhealthy dietary habits. Urbanization and the growing awareness about advanced diabetes management solutions have further propelled the adoption of insulin pumps, especially in metro cities and South India, which dominate the market due to better healthcare infrastructure and a tech-savvy population. The convenience, precision, and technological advancements offered by insulin pumps, such as smartphone connectivity and continuous glucose monitoring (CGM) integration, have made them a preferred choice among patients seeking better glycemic control. Additionally, supportive government initiatives, such as awareness campaigns and diabetes care programs, along with the entry of multinational companies, have strengthened the market.

However, challenges such as the high upfront cost of insulin pumps, limited awareness in Tier 2 and rural areas, and a lack of adequate insurance coverage pose significant barriers to market growth. The dominance of tethered pumps highlights the cost sensitivity of the Indian population, even as patch pumps emerge as the fastest-growing segment due to their convenience and portability. Furthermore, the need for skilled endocrinologists and diabetes educators to train patients in using these devices effectively adds to the adoption hurdles, particularly in regions with inadequate healthcare infrastructure. Despite these challenges, the market is poised for expansion,

driven by increasing awareness, improving affordability, and the growing focus on better diabetes management outcomes across the country.

Key Market Drivers

Increasing Prevalence of Diabetes

The increasing prevalence of diabetes is a critical driver for the growth of the insulin pumps market in India, highlighting the urgent need for advanced diabetes management solutions. India, often referred to as the 'diabetes capital of the world,' faces a significant burden of diabetes, which continues to escalate due to changing lifestyles, urbanization, and dietary habits. According to the World Health Organization (WHO), approximately 77 million people in India are currently suffering from diabetes, and this number is projected to rise sharply in the coming years. Additionally, nearly 25 million individuals are pre-diabetics, placing them at a significantly higher risk of developing full-blown diabetes in the near future. This alarming statistic underscores the growing need for effective tools, such as insulin pumps, to manage diabetes and prevent complications.

Key Market Trends

Technological Advancements

Technological advancements are shaping the future of the insulin pumps market in India, driving innovation and improving diabetes management outcomes. Over the years, insulin pumps have evolved significantly, offering enhanced features that cater to the specific needs of patients. Modern insulin pumps now incorporate advanced technologies such as continuous glucose monitoring (CGM) integration, smartphone connectivity, and artificial intelligence (AI)-driven algorithms, which have revolutionized the way diabetes is managed. These advancements are not only improving patient convenience but also enabling more precise and personalized glycemic control.

One of the most notable trends is the growing adoption of hybrid closed-loop systems, also known as artificial pancreas systems. These devices automatically adjust insulin delivery in real-time based on continuous glucose readings, reducing the risk of hypoglycemia and hyperglycemia. While these systems are still in the early stages of adoption in India, their availability highlights the market's shift toward more automated and efficient solutions.

Key Market Players

Medtronic PLC

Hoffmann-La Roche AG

Ypsomed India Private Ltd

Sanofi S.A.

Ascensia Diabetes Care India

Report Scope

In this report, the India Insulin Pumps Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

India Insulin Pumps Market, By Type:

Patch Pumps

Tethered Pumps

India Insulin Pumps Market, By End Use:

Hospitals & Clinics

Homecare

Laboratories

India Insulin Pumps Market, By Region:

East India

West India

North India

South India

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the India Insulin Pumps Market.

Available Customizations:

India Insulin Pumps Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

Contents

1. PRODUCT OVERVIEW

- 1.1. Market Definition
- 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

- 2.1. Objective of the Study
- 2.2. Baseline Methodology
- 2.3. Key Industry Partners
- 2.4. Major Association and Secondary Sources
- 2.5. Forecasting Methodology
- 2.6. Data Triangulation & Validation
- 2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

- 3.1. Overview of the Market
- 3.2. Overview of Key Market Segmentations
- 3.3. Overview of Key Market Players
- 3.4. Overview of Key Regions/Countries
- 3.5. Overview of Market Drivers, Challenges, Trends

4. VOICE OF CUSTOMER

5. INDIA INSULIN PUMPS MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Patch Pumps, Tethered Pumps)
 - 5.2.2. By End Use (Hospitals & Clinics, Homecare, Laboratories)
 - 5.2.3. By Region
 - 5.2.4. By Company (2024)

5.3. Market Map

6. EAST INDIA INSULIN PUMPS MARKET OUTLOOK

6.1. Market Size & Forecast

6.1.1. By Value

6.2. Market Share & Forecast

6.2.1. By Type

6.2.2. By End Use

7. WEST INDIA INSULIN PUMPS MARKET OUTLOOK

7.1. Market Size & Forecast

7.1.1. By Value

7.2. Market Share & Forecast

7.2.1. By Type

7.2.2. By End Use

8. NORTH INDIA INSULIN PUMPS MARKET OUTLOOK

8.1. Market Size & Forecast

8.1.1. By Value

8.2. Market Share & Forecast

8.2.1. By Type

8.2.2. By End Use

9. SOUTH INDIA INSULIN PUMPS MARKET OUTLOOK

9.1. Market Size & Forecast

9.1.1. By Value

9.2. Market Share & Forecast

9.2.1. By Type

9.2.2. By End Use

10. MARKET DYNAMICS

10.1. Drivers

10.2. Challenges

11. MARKET TRENDS & DEVELOPMENTS

- 11.1. Recent Development
- 11.2. Mergers & Acquisitions
- 11.3. Product Launches

12. POLICY & REGULATORY LANDSCAPE

13. INDIA ECONOMIC PROFILE

14. INDIA INSULIN PUMPS MARKET: SWOT ANALYSIS

15. PORTER'S FIVE FORCES ANALYSIS

- 15.1. Competition in the Industry
- 15.2. Potential of New Entrants
- 15.3. Power of Suppliers
- 15.4. Power of Customers
- 15.5. Threat of Substitute Products

16. COMPETITIVE LANDSCAPE

- 16.1. Medtronic PLC
 - 16.1.1. Business Overview
 - 16.1.2. Product Offerings
 - 16.1.3. Recent Developments
 - 16.1.4. Financials (As Reported)
 - 16.1.5. Key Personnel
- 16.2. Hoffmann-La Roche AG
- 16.3. Ypsomed India Private Ltd
- 16.4. Sanofi S.A.
- 16.5. Ascensia Diabetes Care India

17. STRATEGIC RECOMMENDATIONS

18. ABOUT US & DISCLAIMER

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