

Automated Suturing Devices Market Intelligence Report Covers Trends, Segments And Regional Growth

*The Business Research Company's
Automated Optometry Equipment Market
Report 2026 – Market Size, Trends, And
Global Forecast 2026-2035*

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/EINPresswire.com/ -- "The [automated
suturing devices market](#) has been

witnessing significant growth, driven by technological advancements and increasing surgical needs worldwide. As healthcare systems evolve, the adoption of these devices is becoming more widespread, promising improvements in surgical outcomes and efficiency. Let's explore the market's current size, growth factors, leading regions, and emerging trends shaping its future.

Steady Growth and Market Size of Automated Suturing Devices

The market for automated suturing devices has expanded rapidly in recent years. It is projected to increase from \$3.46 billion in 2025 to \$3.73 billion in 2026, with a compound annual growth rate (CAGR) of 7.8%. This growth during the historical period has been driven by a rise in the number of open and cardiovascular surgeries, early adoption of surgical automation, increased use of automated stapling and suturing tools, a focus on minimizing surgical complications and human mistakes, and the broad expansion of surgical infrastructure within hospitals.

Download a free sample of the [automated suturing devices market report](#):

https://www.thebusinessresearchcompany.com/sample.aspx?id=18781&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jul_PR

Forecasted Expansion and Future Market Potential

Looking ahead, the automated suturing devices market is expected to continue its robust growth, reaching \$5.02 billion by 2030 at a CAGR of 7.7%. The anticipated growth will be fueled by the rising number of minimally invasive and laparoscopic surgeries, an upsurge in trauma and emergency care procedures, demand for quicker and more standardized suturing workflows, a higher preference toward disposable suturing devices, and a growing emphasis on optimizing postoperative results and operational efficiency. Key trends in this period include increased use

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of automated suturing in minimally invasive techniques, preference for single-use devices, growing application in complex and high-risk surgeries, expansion in trauma and emergency care settings, and an overall focus on reducing surgery duration while enhancing precision.

What Automated Suturing Devices Are and Their Benefits

Automated suturing devices are sophisticated surgical tools designed to perform the suturing process with minimal manual input. These instruments employ automated mechanisms to place and secure sutures accurately, improving precision, speed, and consistency during operations. Their use helps streamline suturing, shorten operation times, reduce human errors, and ultimately improve patient outcomes through better suture placement.

View the full automated suturing devices market report:

https://www.thebusinessresearchcompany.com/report/automated-suturing-devices-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Jul_PR

Rising Incidents of Trauma and Accidents Boost Market Demand

One of the primary factors driving the demand for automated suturing devices is the increasing number of accidents and trauma cases worldwide. Trauma refers to unexpected events causing physical injuries, often requiring urgent surgical intervention. The rise in such incidents is linked to rapid urbanization, greater vehicle use, hazardous workplaces, and risky behaviors.

Automated suturing devices enhance surgical efficiency and outcomes in treating trauma patients by reducing procedure times and lowering the risk of complications. For example, in 2023, the Government of Canada reported that serious injuries increased to 9,261 cases, a 0.9% rise from 9,179 in 2022, marking the highest level in five years. This trend highlights how the growing incidence of trauma is propelling market growth.

Market Leadership and Regional Growth Outlook

In 2025, North America held the largest share of the automated suturing devices market. However, the Asia-Pacific region is expected to demonstrate the fastest growth during the forecast period. Other regions covered in market analyses include South East Asia, Western Europe, Eastern Europe, South America, the Middle East, and Africa, reflecting a broad global perspective on market trends and opportunities.

What's new in our 2026 market reports:

- Market attractiveness scoring and analysis
- Total addressable market (TAM) analysis
- Company scoring matrix graphics and tables
- Excel dashboards
- Market hotspots infographics
- Key technologies and future trends
- Updated graphics and tables

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