

Laboratory Automation Systems Market Report 2026 Market Outlook Supported By A Forecast 7.4% CAGR

*The Business Research Company's
Laboratory Automation Systems Market
Report 2026 – Market Size, Trends, And
Global Forecast 2026-2035*

LONDON, GREATER LONDON, UNITED
KINGDOM, August 13, 2026

/EINPresswire.com/ -- "The [laboratory
automation systems market](#) has been

experiencing rapid growth as laboratories worldwide seek to improve efficiency and accuracy. With technological advancements and increasing demands in clinical and research settings, this sector is poised for continued expansion. Let's explore the current market size, key drivers, regional highlights, and future trends shaping the laboratory automation landscape.

[Laboratory Automation Systems Market Size](#) and Growth Outlook

The laboratory automation systems market has seen significant growth recently and is projected to increase from \$5.85 billion in 2025 to \$6.31 billion in 2026, achieving a compound annual growth rate (CAGR) of 7.9%. This upward trend is largely driven by factors such as the rising number of tests conducted in clinical labs, the need for consistent and standardized diagnostic methods, increasing pharmaceutical research activities, a shortage of skilled lab workers, and the growing intricacy of laboratory processes.

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Looking ahead, the market is expected to expand further, reaching \$8.4 billion by 2030 with a CAGR of 7.4%. The forecast period's growth is attributed to the greater adoption of AI-powered laboratory automation, increased investments in smart lab technologies, heightened demand for high-throughput testing, progress in genomics and proteomics research, and a stronger focus on minimizing errors and boosting operational efficiency. Key market trends include broader implementation of end-to-end automation, greater use of robotic sample handling, enhanced integration of data management systems, growth in modular automation solutions, and efforts



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toward workflow standardization.

Understanding Laboratory Automation Systems

Laboratory automation systems involve using specialized instruments to perform lab tasks with minimal human intervention. These systems play a crucial role in clinical laboratories by streamlining test procedures and ensuring consistency, which leads to more reliable and standardized diagnostic results.

View the full laboratory automation systems market report:

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Pharmaceutical and Biotechnology Sector Driving Market Expansion

One of the main forces propelling the laboratory automation systems market is the rapid growth of the pharmaceutical and biotechnology industries. These sectors encompass companies focused on drug discovery, biologics manufacturing, advanced therapies, and other high-R&D activities characterized by swift innovation. Increasing R&D investments create a demand for automation solutions such as robotic liquid handlers, automated sample preparation, and high-throughput screening tools that improve efficiency, reduce errors, and speed up research. For example, in June 2023, the European Federation of Pharmaceutical Industries and Associations (EFPIA) reported that pharmaceutical production across Europe reached €390,000 million (\$422,803 million) in 2023, up from €363,300 million (\$393,857 million) in 2022, underscoring the sector's robust growth and its influence on laboratory automation demand.

North America's Market Leadership and Asia-Pacific's Rapid Growth

In 2025, North America held the largest share of the [global laboratory automation systems market](#), establishing itself as the leading region. Meanwhile, the Asia-Pacific market is anticipated to experience the fastest growth during the forecast period. The comprehensive market analysis includes regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a global perspective on market developments.

The 2026 edition of our market reports now delivers enhanced analytical coverage through market attractiveness scoring and analysis, total addressable market (TAM) analysis, company scoring matrix graphics and tables, Excel-based forecasting dashboards, market hotspots infographics, key technologies and future trend analysis, plus updated graphics and tables.

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