Laboratory Robotics Market Report Examines Industry Trends, Growth Drivers And Future Outlook

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

The Business Research Company

LONDON, GREATER LONDON, UNITED KINGDOM, August 13, 2026 /EINPresswire.com/ -- "The laboratory robotics sector has experienced notable expansion in recent years, reflecting growing reliance on automation within scientific research and diagnostic laboratories. As advances continue to unfold, this market is poised for substantial growth driven by technological innovations and increasing demand for precision in laboratory workflows. Let’s explore the current market size, key growth factors, regional insights, and emerging trends shaping this industry.

Market Size and Projected Growth Trajectory of the Laboratory Robotics Market
The laboratory robotics market has demonstrated solid growth, valued at $2.93 billion in 2025 and expected to reach $3.22 billion in 2026, with a compound annual growth rate (CAGR) of 9.9%. This rise during the historical period stems from traditionally manual sample handling methods, limited automation in labs, a high dependence on labor, expanding research laboratory infrastructures, and an increasing need for precision and consistent results. Looking ahead, the market is forecast to grow further, reaching $4.64 billion by 2030 at a CAGR of 9.6%. This anticipated expansion is driven by innovations such as advanced robotic arms, automated workstations, AI-driven workflow enhancements, greater investments in genomics and proteomics, growth of clinical diagnostic facilities, and the adoption of cloud-based data visualization and analysis platforms. Key trends expected to shape the market include broader use of automated liquid handling, integration of laboratory information management systems (LIMS), growth in high-throughput screening, and applications of robotics in drug discovery and diagnostics, all aimed at minimizing human error and boosting operational efficiency.

Download a free sample of the laboratory robotics market report:
https://www.thebusinessresearchcompany.com/sample.aspx?id=27324&type=smp&utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Defining Laboratory Robotics and Its Role in Modern Labs
Laboratory robotics involves employing automated robotic systems to carry out routine or complex tasks in laboratories, such as sample handling, liquid dispensing, mixing, and analytical processes. These systems help improve the accuracy and reproducibility of experiments, enhance overall laboratory productivity, reduce human error, and enable high-throughput processing essential for research, diagnostics, and industrial applications.

Primary Factors Propelling Growth in the Laboratory Robotics Market
The escalating volume of research activities and clinical trials is a major contributor to the laboratory robotics market's growth. Research and clinical trials involve systematic studies aimed at discovering, evaluating, and validating new drugs, therapies, and medical technologies for human use. The increase in these activities is largely due to the rising prevalence of complex and chronic diseases, which creates demand for innovative and effective treatment solutions. Laboratory robotics supports this growth by automating repetitive tasks, improving efficiency, reducing errors, accelerating experimental workflows, enhancing data accuracy, and facilitating high-throughput screening, which collectively speed up scientific breakthroughs. For instance, in December 2024, the Association of the British Pharmaceutical Industry (ABPI) reported that pharmaceutical industry trials in the UK increased from 411 in 2022 to 426 in 2023, marking the second consecutive year of growth. This trend underscores how research and clinical trial expansion is fueling the demand for laboratory robotics.

View the full laboratory robotics market report:
https://www.thebusinessresearchcompany.com/report/laboratory-robotics-global-market-report?utm_source=EINPresswire&utm_medium=Paid&utm_campaign=Aug_PR

Regional Leadership and Growth Outlook in the Laboratory Robotics Market
North America dominated the global laboratory robotics market in 2025, holding the largest market share due to its advanced healthcare infrastructure and significant investment in research and development. Meanwhile, Asia-Pacific is predicted to be the fastest-growing region over the forecast period, driven by increasing research activities, expanding healthcare facilities, and growing adoption of automated technologies. The market study covers key regions such as Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a comprehensive view of global market dynamics.

Our 2026 market reports now offer broader strategic 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, along with updated graphics and tables.

Speak With Our Expert:
Saumya Sahay
Americas +1 310-496-7795

Asia +44 7882 955267 & +91 8897263534
Europe +44 7882 955267
Email: marketing@tbrc.info

The Business Research Company - www.thebusinessresearchcompany.com

Follow Us On:
• LinkedIn: https://in.linkedin.com/company/the-business-research-company"

Oliver Guirdham
The Business Research Company
+44 7882 955267
info@tbrc.info
Visit us on social media:
LinkedIn
Facebook
X
