

Lab Automation - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the global Lab Automation Market is estimated at \$3.80 billion in 2017 and is projected to reach \$7.08 billion by 2026, at a CAGR of 7.1%. Advancements in drug discovery and clinical diagnostics, benefits of lab automation over traditional laboratory, shortage of laboratory professionals and miniaturization of processes resulting in low reagent costs and high productivity are some key factors driving the market growth. However, low priority for lab automation among small and medium-sized laboratories and lack of planning for technology development are one of the major factors restraining the market growth.

Laboratory automation is a multi-disciplinary strategy to research, develop, optimize and capitalize on technologies in the laboratory that enable new and improved processes. Laboratory automation professionals are academic, commercial and government researchers, scientists and engineers who conduct research and develop new technologies to increase productivity, elevate experimental data quality, reduce lab process cycle times, or enable experimentation that otherwise would be impossible. The most widely known application of laboratory automation technology is laboratory robotics. More generally, the field of laboratory automation comprises many different automated laboratory instruments, devices software algorithms, and methodologies used to enable, expedite and increase the efficiency and effectiveness of scientific research in laboratories.

Based on Application, the genomics solutions segment is expected to held steady growth during the forecast period. The rising need for high-throughput genomics in research labs and increase in genetic testing in diagnostic labs along, with better accuracy and reproducibility is contributing to the growth of lab automation solutions in genomics. By geography, North America is projected to account for the largest share of the global market. The growth in this region is driven by the rising number of investments in research and innovation by the government, large presence of

pharmaceutical R&D labs in this region, and lab automation adoption by hospitals and clinical diagnostic labs due to increasing volume of tests.

Some of the key players in Lab Automation Market are Honeywell International , Shimadzu Hudson Robotics, Siemens Healthcare, Thermo Fisher Scientific, Agilent Technologies, Synchron Lab Automation, Becton Dickinson, Eppendorf AG, Aurora Biomed, Roche Holding AG, Danaher, Tecan Group Ltd, Bio-Rad and Perkinelmer.

Applications Covered:

Genomics Solutions

Clinical Diagnostics

Microbiology Solutions

Drug Discovery

Proteomics Solutions

Other Applications

Equipment & Softwares Covered:

Software

Automated Workstations

Off-The-Shelf Automated Workcells

Microplate Readers

Robotic Systems

Automated Storage & Retrieval Systems (ASRS)

Other Equipments

End Users Covered:

Hospitals and Diagnostic Laboratories

Research and Academic Institutes

Biotechnology and Pharmaceutical Companies

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

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NOTE: Tables for North America, Europe, Asia Pacific, South America and Middle East & Africa are represented in the same manner above.

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