+44 20 8123 2220
info@marketpublishers.com

Lab Automation Market: Distribution by Stage of Automation (Pre-analytical Stage, Analytical Stage, Post-Analytical Stage and Total Lab Automation), Type of Instrument (Automated Liquid Handling Systems, Automated Microplate Readers, Automated Sampling Systems, Analyzers, Automated Storage and Retrieval Systems (ASRS) and Other Instruments), Application (Diagnostics, Genomic Solutions, Microbiology, Drug Discovery, Proteomic Solutions and Other Applications), End-user (Pharmaceutical and Biotechnology Companies, Research and Diagnostic Laboratories and Other End-Users) and Key Geographical Regions (North America, Europe, Asia-Pacific, Middle East and North Africa and Latin America): Industry Trends and Global Forecasts, 2023-2035

https://marketpublishers.com/r/LA7DC39BFD45EN.html
Date: April 2023
Pages: 231
Price: US$ 4,799.00 (Single User License)
ID: LA7DC39BFD45EN

Abstracts

The lab automation market is expected to reach USD 5.5 billion in 2023 anticipated to grow at a CAGR of 9.3% during the forecast period 2023-2035.

Due to the growing demand for complex biopharmaceuticals, laboratories worldwide are increasingly offering analytical and product development solutions. Maintaining

+44 20 8123 2220
info@marketpublishers.com

meticulous control over variables and parameters at every stage of laboratory processes is crucial. However, traditional manual handling presents several challenges such as increased susceptibility to sample contamination, higher labor costs, time management constraints, operator inconsistencies, and limited instant data access. A Nature article highlighted that over 70% of scientists faced difficulties replicating previously published experiments, emphasizing the need for precision and reliability in scientific pursuits. Consequently, there is a clear need for instruments capable of reducing errors, saving time and resources, and improving reproducibility. In response, lab automation has emerged as a viable solution, aiming to address the issues associated with manual processes. By automating labor-intensive and repetitive tasks, automated technologies allow researchers to focus on specialized operations. Automated sampling systems offer additional benefits including real-time data monitoring, reducing deviations by approximately 65%, and increasing overall productivity by up to 80%. Additionally, lab automation helps decrease the likelihood of human errors while ensuring data precision and traceability.

The forecast predicts substantial growth in the lab automation market in the upcoming years, primarily driven by significant advancements and the adaptability of lab automation and its modules to meet specific requirements.

Report Coverage

The report examines the lab automation market across various categories, including type of instrument, application, end-user and key geographical regions.

It analyzes market growth factors such as drivers, restraints, opportunities, and challenges.

Evaluation of potential advantages and obstacles within the market landscape is provided, along with insights into the competitive environment for leading market players.

Revenue forecasts for market segments are projected concerning five major regions.

The executive summary encapsulates research insights on the current state and anticipated evolution of the lab automation market in the medium to long term, offering a high-level perspective on historical evolution, stages, advantages, challenges, and future prospects.

+44 20 8123 2220
info@marketpublishers.com

A comprehensive overview of lab automation detailing its historical progression, stages, processes, benefits, challenges, and future prospects is presented.

Assessment of approximately 350 lab automation system manufacturers based on parameters like establishment year, company size, headquarters location, types of automation systems, stages of automation, application areas, and served end-users is conducted.

Competitive analysis of manufacturers focuses on parameters such as company establishment duration, product diversity, and strengths across various automation stages, application areas, and end-users.

Detailed profiles of key players in North America, Europe, Asia-Pacific, and Rest of the World are provided, encompassing company overviews, financial details (if available), product portfolios, recent developments, and future projections.

A case study offers an in-depth analysis of lab automation software providers, covering aspects such as establishment year, company size, headquarters location, software types, deployment modes, and served end-users.

Detailed analysis scrutinizes partnerships established within the lab automation field since 2018, evaluating parameters including partnership year, types, involved partners, automation instrument types, active players, and regional distribution of partnership activities.

An in-depth patent analysis examines patents filed/granted related to lab automation since 2018, considering parameters like publication year, patent types, jurisdictions, applicant types, emerging focus areas, leading players, individual assignees, patent benchmarking, and valuation based on citation counts.

Key Market Companies

Abbott

Anton Paar

+44 20 8123 2220
info@marketpublishers.com

BD

Beckman Coulter

ERWEKA

Leuze

Ortho Clinical Diagnostics

Pall Corporation

PerkinElmer

Roche Diagnostics

Siemens Healthineers

SYSTAG

+44 20 8123 2220
info@marketpublishers.com

Contents

+44 20 8123 2220
info@marketpublishers.com

5. COMPANY COMPETITIVENESS ANALYSIS

6. COMPANY PROFILES

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

11. EXECUTIVE INSIGHTS

+44 20 8123 2220
info@marketpublishers.com

+44 20 8123 2220
info@marketpublishers.com

I would like to order

Product name: Lab Automation Market: Distribution by Stage of Automation (Pre-analytical Stage, Analytical Stage, Post-Analytical Stage and Total Lab Automation), Type of Instrument (Automated Liquid Handling Systems, Automated Microplate Readers, Automated Sampling Systems, Analyzers, Automated Storage and Retrieval Systems (ASRS) and Other Instruments), Application (Diagnostics, Genomic Solutions, Microbiology, Drug Discovery, Proteomic Solutions and Other Applications), End-user (Pharmaceutical and Biotechnology Companies, Research and Diagnostic Laboratories and Other End-Users) and Key Geographical Regions (North America, Europe, Asia-Pacific, Middle East and North Africa and Latin America): Industry Trends and Global Forecasts, 2023-2035

Product link: https://marketpublishers.com/r/LA7DC39BFD45EN.html

Price: US$ 4,799.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/LA7DC39BFD45EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

**All fields are required

Custumer signature _____

+44 20 8123 2220
info@marketpublishers.com

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970