

# Global Lab Automation (TTA and TLA) Supply, Demand and Key Producers, 2023-2029

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# **Abstracts**

The global Lab Automation (TTA and TLA) market size is expected to reach \$ 21450 million by 2029, rising at a market growth of 6.1% CAGR during the forecast period (2023-2029).

Global key players of lab automation (TTA and TLA) include Siemens Healthineers, Roche, Beckman Coulter, Thermo Fisher Scientific, Tecan, etc. The top five players hold a share about 80%. North America is the largest producer, has a share about 44%, followed by China and Europe, with share 25% and 23%, respectively. The largest market is North America, with a share about 36%, followed by Europe and China, with share 27% and 17%, separately.

Laboratory automation is a multi-disciplinary strategy to research, develop, optimize and capitalize on technologies in the laboratory that enable new and improved processes. There are two types of Lab automation: Task Targeted Automation (TTA) and Total laboratory automation (TLA). With TTA, a module will run specific process tasks, such as decapping and sorting. However, the samples then need to be transported by hand to the various analyzers, then taken back for post-analytics and last moved into refrigerated rooms. As you can easily imagine, all these steps are time-consuming and require the involvement of people. Also, they affect traceability, because with TTA samples will sometimes be left temporarily idle. With TLA solutions, all that changes: you simply load the samples in the form you require (in bulk or racks), and the TLA solution sees to the rest. The samples are prepared selectively; if necessary, they are decapped and centrifuged, and then sent on to the relevant analyzers, before being sealed, stored and disposed as required. This system saves on redundant, low-value activities, while also improving traceability - which means that you can be sure where every single sample has been and what has happened to it on the way. Naturally,



improved quality and evolved utilization of resources have a direct, positive impact on patient safety and enterprise outcomes.

This report studies the global Lab Automation (TTA and TLA) production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Lab Automation (TTA and TLA), and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Lab Automation (TTA and TLA) that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Lab Automation (TTA and TLA) total production and demand, 2018-2029, (Unit)

Global Lab Automation (TTA and TLA) total production value, 2018-2029, (USD Million)

Global Lab Automation (TTA and TLA) production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Lab Automation (TTA and TLA) consumption by region & country, CAGR, 2018-2029 & (Unit)

U.S. VS China: Lab Automation (TTA and TLA) domestic production, consumption, key domestic manufacturers and share

Global Lab Automation (TTA and TLA) production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Unit)

Global Lab Automation (TTA and TLA) production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Unit)

Global Lab Automation (TTA and TLA) production by Application production, value, CAGR, 2018-2029, (USD Million) & (Unit)

This reports profiles key players in the global Lab Automation (TTA and TLA) market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key



companies covered as a part of this study include Siemens Healthineers, Roche, Beckman Coulter, Thermo Fisher Scientific, Mettler Toledo, Tecan, Hamilton Company, Mindray and Qiagen, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Lab Automation (TTA and TLA) market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Unit) and average price (K US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Lab Automation (TTA and TLA) Market, By Region:

United States
China
Europe
Japan
South Korea
ASEAN
India
Rest of World

Global Lab Automation (TTA and TLA) Market, Segmentation by Type



Task Targeted Automation (TTA)
Laboratory Automation (TLA)
Separate Automation Equipment
Blobal Lab Automation (TTA and TLA) Market, Segmentation by Application
Biotechnology and Pharmaceutical Companies
Hospitals and Diagnostic Laboratories
Research and Academic Institutes
Companies Profiled:
Siemens Healthineers
Roche
Beckman Coulter
Thermo Fisher Scientific
Mettler Toledo
Tecan
Hamilton Company
Mindray
Qiagen
BD

IDS



Key Questions Answered

- 1. How big is the global Lab Automation (TTA and TLA) market?
- 2. What is the demand of the global Lab Automation (TTA and TLA) market?



- 3. What is the year over year growth of the global Lab Automation (TTA and TLA) market?
- 4. What is the production and production value of the global Lab Automation (TTA and TLA) market?
- 5. Who are the key producers in the global Lab Automation (TTA and TLA) market?
- 6. What are the growth factors driving the market demand?



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