

# Global Automated Cell Culture Market 2023-2029

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## Abstracts

Automated cell culture refers to the use of advanced robotic systems and software applications for performing various steps involved in the cultivation and maintenance of cells in a laboratory. The use of automation in cell culture offers several advantages over manual methods, including increased reproducibility, improved accuracy, and higher throughput. According to the latest data, the market size of the global automated cell culture sector is expected to rise by USD 2.2 billion with a CAGR of 12.78% by the end of 2029.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global automated cell culture market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the type, equipment type, application, end user, and region. The global market for automated cell culture can be segmented by type: modular automation, whole lab automation. In 2022, the modular automation segment made up the largest share of revenue generated by the automated cell culture market. Automated cell culture market is further segmented by equipment type: automated liquid handling systems, microplate readers, robotic systems, automated storage & retrieval systems (ASRS), others. The automated liquid handling systems segment was the largest contributor to the global automated cell culture market in 2022. Based on application, the automated cell culture market is segmented into: biopharmaceutical, tissue engineering & regenerative medicine, drug screening and development, gene therapy, stem cell research, diagnostics toxicity testing, others. The biopharmaceutical segment is estimated to account for the largest share of the global automated cell

culture market. On the basis of end user, the automated cell culture market also can be divided into: pharmaceutical & biotechnology companies, research institutes, hospitals and diagnostic laboratories, cell banks, others. The pharmaceutical & biotechnology companies segment held the largest share of the global automated cell culture market in 2022 and is anticipated to hold its share during the forecast period. Automated cell culture market by region is categorized into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America.

### Market Segmentation

By type: modular automation, whole lab automation

By equipment type: automated liquid handling systems, microplate readers, robotic systems, automated storage & retrieval systems (ASRS), others

By application: biopharmaceutical, tissue engineering & regenerative medicine, drug screening and development, gene therapy, stem cell research, diagnostics toxicity testing, others

By end user: pharmaceutical & biotechnology companies, research institutes, hospitals and diagnostic laboratories, cell banks, others

By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report explores the recent developments and profiles of key vendors in the Global Automated Cell Culture Market, including Tecan Trading AG, Thermo Fisher Scientific Inc., Sartorius AG, Hamilton Company, Beckman Coulter, Inc., Hitachi, Ltd., F. Hoffmann-La Roche Ltd., Merck KGaA, Becton, Dickinson and Company, among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.

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### Scope of the Report

To analyze and forecast the market size of the global automated cell culture market.

To classify and forecast the global automated cell culture market based on type, equipment type, application, end user, region.

To identify drivers and challenges for the global automated cell culture market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global automated cell culture market.

To identify and analyze the profile of leading players operating in the global automated cell culture market.

### Why Choose This Report

Gain a reliable outlook of the global automated cell culture market forecasts from 2023 to 2029 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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Sartorius AG  
Hamilton Company  
Beckman Coulter, Inc.  
Hitachi, Ltd.  
F. Hoffmann-La Roche Ltd.  
Merck KGaA  
Becton, Dickinson and Company

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