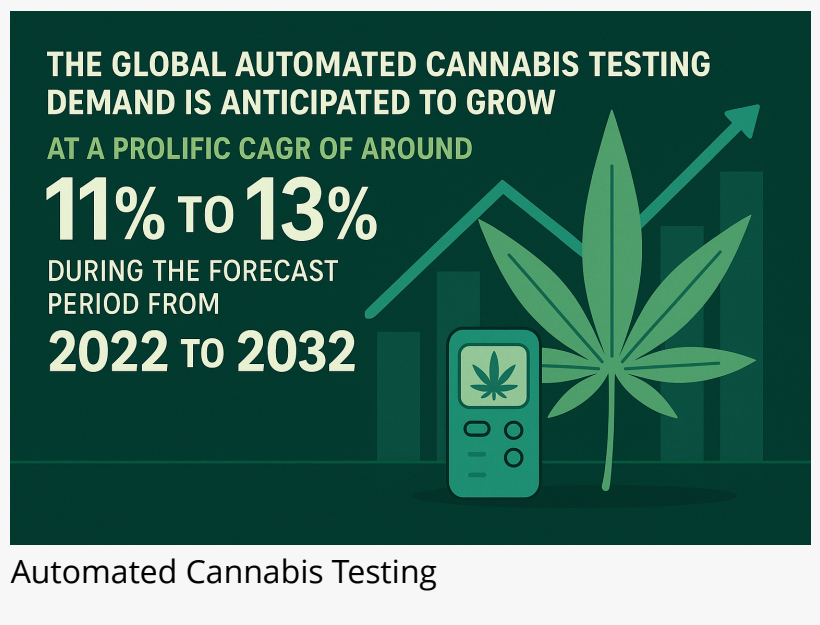


# Global Automated Cannabis Testing Market Set for Robust Growth, Projected to Achieve 11-13% CAGR from 2022 to 2032 | FMI

*Automated Cannabis Testing Market Analysis – Growth & Trends 2022-2032*

NEWARK, DE, UNITED STATES, May 9, 2025 /EINPresswire.com/ -- The global [automated cannabis testing](#) market is poised for significant expansion, with industry experts forecasting a Compound Annual Growth Rate (CAGR) of approximately 11% to 13% from 2022 to 2032. This strong growth trajectory is being driven by the increasing adoption of automation in cannabis testing laboratories and the rising demand for high-quality cannabis-based medical products.



As the cannabis industry experiences unprecedented growth and transformation, the need for stringent testing methodologies has never been more crucial. The widespread legalization of both medical and recreational cannabis across various regions has heightened the focus on ensuring product safety and quality. As a result, there is an increasing demand for advanced, rigorous, and efficient testing procedures that can meet evolving regulatory standards and consumer expectations.

“

According to Future Market Insights, Europe is expected to provide immense growth opportunities for automated cannabis testing market players during the forecast period”

*Sabyasachi Ghosh, Principal Consultant, Future Market Insights*

Gain Access to Market Trends: Request Your Sample Report!

<https://www.futuremarketinsights.com/reports/sample/report-gb-9066>

The Role of Automation in Cannabis Testing

Automation is revolutionizing cannabis testing by enhancing accuracy, efficiency, and consistency. Traditional cannabis testing methods, which often rely on manual processes, are prone to human error, inefficiencies, and inconsistencies in results. By integrating automation, testing laboratories can significantly reduce these issues, leading to improved reliability and scalability.

Automated systems streamline laboratory workflows by increasing throughput and reducing turnaround times. These systems facilitate rapid and precise detection of contaminants, cannabinoids, terpenes, and other crucial compounds, ensuring that cannabis products meet the stringent safety and quality standards imposed by regulatory authorities. Moreover, automation enables cost-effective testing solutions that allow laboratories to handle higher sample volumes without compromising accuracy.

### Market Drivers Fueling Growth

Several key factors are propelling the expansion of the automated cannabis testing market:

1. **Legalization and Regulatory Compliance** – The ongoing legalization of cannabis in multiple regions has necessitated the implementation of stringent testing standards. Regulatory agencies mandate rigorous quality checks to ensure consumer safety, leading to increased investments in automated testing solutions.
2. **Rising Consumer Demand for High-Quality Products** – As awareness about cannabis quality and safety grows, consumers are demanding products that meet high standards of purity and potency. This shift is pushing manufacturers and testing labs to adopt automated solutions that enhance reliability and efficiency.
3. **Technological Advancements in Testing Equipment** – Innovations in analytical instrumentation, such as high-performance liquid chromatography (HPLC), mass spectrometry, and artificial intelligence-driven automated testing systems, are driving market expansion by offering more precise and efficient testing capabilities.
4. **Operational Efficiency and Cost Reduction** – Automation reduces labor-intensive manual processes, minimizes human error, and accelerates testing times, making operations more cost-effective and scalable for cannabis testing labs.

Soaring Demand for Market Information: Uncover Detailed Trends and Insights in Our Report!

<https://www.futuremarketinsights.com/reports/automated-cannabis-testing-market>

### Industry Outlook and Future Trends

The projected growth of the automated cannabis testing market underscores the critical role it

plays in supporting the expansion of the cannabis industry. As legalization continues to spread globally and as regulatory bodies tighten safety and quality standards, the demand for advanced testing solutions is expected to rise.

Additionally, the integration of artificial intelligence (AI) and machine learning in automated testing systems is set to further enhance precision and efficiency. AI-driven solutions can optimize testing workflows, identify anomalies, and predict potential quality issues before products reach the market. These innovations will play a key role in shaping the future of cannabis testing.

Another notable trend is the increasing investment by major cannabis producers in in-house automated testing facilities. By adopting advanced testing technologies, companies aim to ensure quality control from cultivation to distribution, maintaining compliance and gaining a competitive edge in the market.

Key takeaways from the automated cannabis testing market report:

- The automated cannabis testing market is expected to grow at a significant CAGR of 11-13% from 2023 to 2033.
- The growth of the market is attributed to the rising adoption of automation in cannabis testing laboratories and increasing demand for high-quality cannabis-based medical products across the world.
- North America is expected to remain the dominant market for automated cannabis testing throughout the forecast period.
- The European market is also expected to witness significant growth during the forecast period.

The automated cannabis testing market is poised for significant growth in the coming years, driven by the increasing demand for high-quality cannabis-based medical products and the growing adoption of automation in cannabis testing laboratories.

Get Your Hands on Healthcare Market Projections Now!

<https://www.futuremarketinsights.com/industry-analysis/life-science-and-biotechnology>

## Market Competition

Leading players in the global automated cannabis testing market include Medicinal Genomics Corp., PerkinElmer Inc., Agilent Technologies, Inc., Todaro Robotics, Hamilton Company, Quantum Analytics, and Shimadzu Scientific Instruments, among others.

To strengthen their market position, these companies are actively launching new products and securing regulatory approvals. Additionally, they are implementing both organic and inorganic growth strategies to expand their global presence.

## Key Segments Profiled in the Automated Cannabis Testing Industry Survey

### By Product Type:

- Chromatography Based Analyzer
- Spectroscopy Based Analyzer

### By Application:

- Pain Management
- Seizures
- Sclerosis
- Others

### By End User:

- Consumers
- Regulators
- Laboratories
- Others

### By Region:

- North America
- Latin America
- Western Europe
- Eastern Europe
- APEJ
- Japan
- Middle East & Africa

## Conclusion

The global automated cannabis testing market is experiencing a transformative phase, with robust growth projections driven by technological advancements, regulatory demands, and increasing consumer awareness. As the industry continues to evolve, the adoption of automation in cannabis testing laboratories will be instrumental in ensuring product safety, compliance, and efficiency.

With a promising outlook and continued investment in cutting-edge testing solutions, the automated cannabis testing market is set to play a pivotal role in the future of the cannabis industry, paving the way for safer and more reliable cannabis products worldwide.

## About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 400 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

### Contact Us:

Future Market Insights Inc.  
Christiana Corporate, 200 Continental Drive,  
Suite 401, Newark, Delaware - 19713, USA  
T: +1-347-918-3531  
For Sales Enquiries: [sales@futuremarketinsights.com](mailto:sales@futuremarketinsights.com)  
Website: <https://www.futuremarketinsights.com>  
[LinkedIn](#) | [Twitter](#) | [Blogs](#) | [YouTube](#)

Ankush Nikam  
Future Market Insights, Inc.  
+91 90966 84197  
[email us here](#)

Visit us on social media:

[LinkedIn](#)  
[Facebook](#)  
[YouTube](#)  
[X](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/810947879>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.