

# Pipettes And Accessories Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Manual Pipettes, Electronic Pipettes, Accessories), By Channel Type (Single Channel, Multi-Channel), By Application

<https://marketpublishers.com/r/PAD6D824C195EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: PAD6D824C195EN

## Abstracts

The Pipettes And Accessories Market is valued at USD 1.8 billion in 2025 and is projected to grow at a CAGR of 4.8% to reach USD 2.7 billion by 2034.

### Pipettes and Accessories Market Overview

The pipettes and accessories market is witnessing steady growth, driven by rising demand in pharmaceutical research, clinical diagnostics, biotechnology, and academic laboratories. Pipettes are essential laboratory tools used for precise liquid handling, playing a crucial role in applications such as drug discovery, molecular biology, microbiology, and genetic research. The growing focus on laboratory automation, coupled with increasing investments in life sciences and healthcare, is fueling demand for advanced pipetting solutions. Technological advancements have led to the development of ergonomic, high-precision, and automated pipettes that improve workflow efficiency and reduce manual errors. Additionally, the need for sterile and contamination-free pipetting accessories, including disposable tips, calibration tools, and filter systems, is rising due to stringent quality control requirements. As laboratories transition toward high-throughput screening and precision medicine, the demand for sophisticated pipetting instruments and accessories continues to rise, shaping the future of liquid handling in research and clinical settings. The pipettes and accessories market is witnessing rapid innovation, particularly in digital and automated pipetting systems. The adoption of electronic pipettes is increasing as laboratories seek to minimize user fatigue, improve accuracy, and enable programmable liquid handling. The demand for

multichannel and adjustable-volume pipettes is also rising, allowing researchers to enhance efficiency in high-throughput applications such as PCR, ELISA, and next-generation sequencing (NGS). With growing concerns over reproducibility in scientific research, manufacturers are focusing on precision calibration and real-time performance tracking of pipettes, integrating smart connectivity features for monitoring and validation. Sustainability is becoming a key consideration, with companies developing eco-friendly pipetting accessories, including biodegradable pipette tips and refillable reservoirs. The expansion of diagnostic testing, particularly in infectious disease surveillance and personalized medicine, is further driving demand for sterile, contamination-free pipettes and accessories. Additionally, regulatory agencies are tightening laboratory safety and compliance standards, prompting laboratories to invest in high-quality, validated pipetting solutions to ensure accuracy and reliability in liquid handling. The pipettes and accessories market is expected to advance with the integration of AI-driven automation, robotics, and real-time data tracking for liquid handling applications. The emergence of AI-powered pipetting robots will further revolutionize laboratory workflows, enabling faster and more precise liquid dispensing with minimal human intervention. The development of nanocoated and self-cleaning pipettes will improve accuracy in micro-volume liquid transfers, benefiting applications in genomics, proteomics, and cell culture research. Sustainability will remain a major focus, with manufacturers exploring alternative materials for pipette production, such as bio-based polymers and reusable pipetting accessories, to reduce laboratory waste. The growing emphasis on cloud-based laboratory management systems will facilitate real-time pipette calibration tracking, ensuring compliance with quality control standards. Additionally, the rise of personalized medicine and advanced diagnostics will drive demand for highly specialized pipettes tailored for precision liquid handling in research and clinical applications. As laboratories continue to embrace digital transformation, the pipettes and accessories market will evolve, offering next-generation solutions that enhance efficiency, accuracy, and sustainability in scientific research and diagnostics.

## Key Insights Pipettes And Accessories Market

**Increasing Adoption of Electronic and Digital Pipettes :** The shift toward electronic pipettes is improving accuracy, reducing manual errors, and enhancing workflow efficiency in high-throughput laboratory applications.

**Growth in Smart Pipette Calibration and Performance Tracking :** Real-time monitoring and digital connectivity features are enabling precision tracking of pipette performance, ensuring compliance with quality control standards.

**Rising Demand for Sustainable and Eco-Friendly Pipette Accessories :** Manufacturers are investing in biodegradable pipette tips, refillable reservoirs, and energy-efficient pipetting systems to reduce laboratory waste and carbon footprint.

**Expansion of AI-Powered Pipetting Automation :** AI-driven pipetting robots are streamlining liquid handling, reducing human error, and improving reproducibility in high-precision applications.

**Integration of Cloud-Based Laboratory Management for Pipette Tracking :** Cloud connectivity is enabling real-time tracking of pipette calibration, usage, and maintenance, improving laboratory efficiency and regulatory compliance.

**Increasing Investments in Life Sciences and Biotechnology Research :** Rising funding for drug discovery, genomics, and molecular biology is fueling demand for high-precision pipetting solutions in research laboratories.

**Stringent Laboratory Compliance and Quality Control Standards :** Regulatory agencies are enforcing stricter guidelines for liquid handling accuracy, prompting laboratories to adopt certified and calibrated pipettes.

**Growing Demand for High-Throughput Screening in Clinical and Research Settings :** Laboratories conducting large-scale diagnostics and screening tests require advanced pipetting solutions to enhance workflow efficiency.

**Technological Advancements in Liquid Handling and Precision Pipetting :** Innovations in automated, digital, and multichannel pipettes are improving liquid handling accuracy and reproducibility across various applications.

**High Cost of Advanced Pipetting Systems and Accessories :** The adoption of electronic and AI-driven pipetting solutions requires significant investment, limiting accessibility for smaller laboratories with budget constraints.

## Pipettes And Accessories Market Segmentation

### By Type

#### Manual Pipettes

Electronic Pipettes

Accessories

#### By Channel Type

Single Channel

Multi-Channel

#### By Application

Hospitals

Academic And Research Institute

Pharmaceutical And Biotechnology Companies

Other Applications

#### Key Companies Analysed

Thermo Fisher Scientific Inc.

Corning Incorporated

VWR International LLC

Mettler Toledo

Bio-Rad Laboratories Inc.

Eppendorf SE

Sarstedt AG & Co. KG

Hamilton Company

Greiner Bio-One International GmbH

Cole-Parmer Instrument Company LLC

Biotix Inc.

Integra Biosciences AG

Gilson Incorporated

Brand GMBH + CO KG

Socorex ISBA SA

Ajanta Export Industries

Microlit

Heathrow Scientific

Vistalab Technologies Inc.

Capp

Oxford Lab Products

Nichiryo Co. Ltd.

Phoenix Instruments

Agilent Technologies Inc.

Kartell Labware

## Pipettes And Accessories Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

### Pipettes And Accessories Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

### Countries Covered

North America — Pipettes And Accessories market data and outlook to 2034

United States

Canada

Mexico

Europe — Pipettes And Accessories market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Pipettes And Accessories market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Pipettes And Accessories market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Pipettes And Accessories market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Pipettes And Accessories value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Pipettes And Accessories industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Pipettes And Accessories Market Report

Global Pipettes And Accessories market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Pipettes And Accessories trade, costs, and supply chains

Pipettes And Accessories market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Pipettes And Accessories market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Pipettes And Accessories market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Pipettes And Accessories supply chain analysis

Pipettes And Accessories trade analysis, Pipettes And Accessories market price analysis, and Pipettes And Accessories supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Pipettes And Accessories market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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