

# qPCR Instruments Market Size, Trends, Analysis, and Outlook By Test Type (7500, QuantStudio Dx, QuantStudio 5, ViiA 7 Dx, One Step/One Step Plus, LightCycler 2.0, Cobas 4800, CFX96, SmartCycler, GeneXpert, Rotor-Gene Q 5Plex HRM System, Rotor-Gene Q, BIOFIRE FILMARRAY SYSTEMS, BMS Mic System), by Region, Country, Segment, and Companies, 2024-2030

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## Abstracts

The global qPCR Instruments market size is poised to register 8.03% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global qPCR Instruments market across By Test Type (7500, QuantStudio Dx, QuantStudio 5, ViiA 7 Dx, One Step/One Step Plus, LightCycler 2.0, Cobas 4800, CFX96, SmartCycler, GeneXpert, Rotor-Gene Q 5Plex HRM System, Rotor-Gene Q, BIOFIRE FILMARRAY SYSTEMS, BMS Mic System).

The qPCR (quantitative Polymerase Chain Reaction) Instruments market is experiencing significant growth due to the expanding applications of qPCR in research, diagnostics, and drug development, along with technological advancements enabling high-throughput and multiplexed nucleic acid analysis. qPCR is a widely used molecular biology technique for quantifying DNA and RNA molecules in real-time, with applications ranging from gene expression analysis to infectious disease detection. Factors such as the growing demand for rapid and accurate nucleic acid quantification, the rise in infectious disease outbreaks and epidemics, and the increasing adoption of qPCR-based companion diagnostics are driving market expansion. Additionally, advancements in qPCR instrument design, including increased throughput, sensitivity,

and automation capabilities, along with the development of novel fluorescent probes and multiplexing strategies, are fueling innovation in the market. Moreover, the expanding utility of qPCR in precision medicine, pathogen surveillance, and environmental monitoring, the integration of qPCR with next-generation sequencing and digital PCR platforms, and the rising investments in molecular diagnostics and genomics research are driving market growth. Furthermore, efforts to standardize qPCR workflows, improve assay robustness and reproducibility, and expand qPCR applications in emerging fields such as synthetic biology and single-cell analysis are expected to further accelerate market growth in the coming years.

### qPCR Instruments Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The qPCR Instruments market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of qPCR Instruments survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the qPCR Instruments industry.

### Key market trends defining the global qPCR Instruments demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

### qPCR Instruments Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The qPCR Instruments industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support qPCR Instruments companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

### Key strategies adopted by companies within the qPCR Instruments industry

Leading qPCR Instruments companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 qPCR Instruments companies.

### qPCR Instruments Market Study- Strategic Analysis Review

The qPCR Instruments market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### qPCR Instruments Market Size Outlook- Historic and Forecast Revenue in Three Cases

The qPCR Instruments industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### qPCR Instruments Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For

each of the six regions, the market size outlook by segments is forecast for 2030.

**North America qPCR Instruments Market Size Outlook- Companies plan for focused investments in a changing environment**

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various qPCR Instruments market segments. Similarly, Strong end-user demand is encouraging Canadian qPCR Instruments companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico qPCR Instruments market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe qPCR Instruments Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European qPCR Instruments industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European qPCR Instruments market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific qPCR Instruments Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for qPCR Instruments in Asia Pacific. In particular, China, India, and South East Asian qPCR Instruments markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate changes, explore

new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

Latin America qPCR Instruments Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa qPCR Instruments Market Size Outlook- continues its upward trajectory across segments

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East qPCR Instruments market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for qPCR Instruments.

qPCR Instruments Market Company Profiles

The global qPCR Instruments market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Thermo Fisher Scientific, Inc., F. Hoffmann-La Roche Ltd., Bio-Rad Laboratories, Inc., Danaher, QIAGEN, Agilent Technologies, Inc., Abbott, BIOMERIEUX, Quantabio, Azure Biosystems Inc., Bio Molecular Systems

Recent qPCR Instruments Market Developments

The global qPCR Instruments market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

qPCR Instruments Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Test Type

7500

QuantStudio Dx

QuantStudio 5

ViiA 7 Dx

One Step/One Step Plus

LightCycler 2.0

Cobas 4800

CFX96

SmartCycler

GeneXpert

Rotor-Gene Q 5Plex HRM System

Rotor-Gene Q

BIOFIRE FILMARRAY SYSTEMS

BMS Mic System

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

Thermo Fisher Scientific, Inc.

F. Hoffmann-La Roche Ltd.

Bio-Rad Laboratories, Inc.

Danaher

QIAGEN

Agilent Technologies, Inc.

Abbott

BIOMERIEUX

Quantabio

Azure Biosystems Inc.

Bio Molecular Systems

Formats Available: Excel, PDF, and PPT



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By Test Type

**7500**

QuantStudio Dx  
QuantStudio  
ViiA 7 Dx  
One Step/One Step Plus  
LightCycler 2.0  
Cobas 4800  
CFX96  
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F. Hoffmann-La Roche Ltd.

Bio-Rad Laboratories, Inc.

Danaher

QIAGEN

Agilent Technologies, Inc.

Abbott

BIOMERIEUX

Quantabio

Azure Biosystems Inc.

Bio Molecular Systems

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