+357 96 030922
info@marketpublishers.com

Global Micro Thermal Cycler Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

https://marketpublishers.com/r/G9F8997AE399EN.html
Date: December 2025
Pages: 102
Price: US$ 3,480.00 (Single User License)
ID: G9F8997AE399EN

Abstracts

According to our (Global Info Research) latest study, the global Micro Thermal Cycler market size was valued at US$ 885 million in 2025 and is forecast to a readjusted size of US$ 1789 million by 2032 with a CAGR of 10.5% during review period.

In 2025, global micro thermal cycler production reached approximately 87.8 thousand units, with an average global market price of around US$ 9,800 per unit.

The gross profit margin of major companies in the industry is between 40% ? 60%.

In 2025, the global production capacity of micro thermal cyclers was approximately 117.1 thousand units.

Micro thermal cyclers are compact polymerase chain reaction (PCR) instruments designed for rapid DNA amplification with precise temperature control in small-scale and portable formats. They enable fast heating and cooling rates, reduced reagent consumption, and flexible deployment, making them suitable for point-of-care testing, field diagnostics, and decentralized laboratory workflows.

The industrial chain includes upstream components such as temperature sensors, heating elements, microcontrollers, optical detection modules, and precision plastic or metal housings. The midstream focuses on instrument assembly, thermal calibration, software integration, and performance validation. Downstream applications mainly include clinical diagnostics, molecular biology research, infectious disease testing, veterinary diagnostics, and on-site analytical laboratories.

+357 96 030922
info@marketpublishers.com

The micro thermal cycler market is growing rapidly as demand rises for portable, fast, and decentralized molecular diagnostic solutions. These instruments support point-of-care testing, outbreak response, and field-based analysis by enabling reliable PCR performance outside traditional laboratories. Growth is driven by infectious disease monitoring, personalized medicine, and expanding use of molecular diagnostics in resource-limited settings. Advances in thermal control accuracy, miniaturization, and integrated detection systems improve performance and usability. As healthcare systems emphasize rapid diagnostics, mobility, and data-driven decision-making, micro thermal cyclers are expected to maintain strong growth momentum across clinical, research, and applied testing markets.

This report is a detailed and comprehensive analysis for global Micro Thermal Cycler market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Micro Thermal Cycler market size and forecasts, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Micro Thermal Cycler market size and forecasts by region and country, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Micro Thermal Cycler market size and forecasts, by Type and by Application, in consumption value ($ Million), sales quantity (K Units), and average selling prices (US$/Unit), 2021-2032

Global Micro Thermal Cycler market shares of main players, shipments in revenue ($ Million), sales quantity (K Units), and ASP (US$/Unit), 2021-2026

The Primary Objectives in This Report Are:

To determine the size of the total market opportunity of global and key countries

+357 96 030922
info@marketpublishers.com

To assess the growth potential for Micro Thermal Cycler

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Micro Thermal Cycler market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include F. Hoffmann-La Roche, Abbott, Bio-Rad Laboratories, Becton, Dickinson, and Company (BD), Thermo Fisher Scientific, Eppendorf SE, Agilent Technologies, QIAGEN, Merck KGaA, bioM?rieux, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Micro Thermal Cycler market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Real-time Thermal Cycler

Gradient Thermal Cycler

Market segment by Throughput Configuration

Single-Block Micro Thermal Cycler

Multi-Block Micro Thermal Cycler

Market segment by Portability

+357 96 030922
info@marketpublishers.com

Benchtop Micro Thermal Cycler

Portable Micro Thermal Cycler

Market segment by Application

Clinical Laboratories

Biotechnology and Pharmaceutical Companies

Academic and Research Institutes

Others

Major players covered

F. Hoffmann-La Roche

Abbott

Bio-Rad Laboratories

Becton, Dickinson, and Company (BD)

Thermo Fisher Scientific

Eppendorf SE

Agilent Technologies

QIAGEN

Merck KGaA

bioM?rieux

+357 96 030922
info@marketpublishers.com

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Micro Thermal Cycler product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Micro Thermal Cycler, with price, sales quantity, revenue, and global market share of Micro Thermal Cycler from 2021 to 2026.

Chapter 3, the Micro Thermal Cycler competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Micro Thermal Cycler breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026.and Micro Thermal Cycler market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

+357 96 030922
info@marketpublishers.com

Chapter 13, the key raw materials and key suppliers, and industry chain of Micro Thermal Cycler.

Chapter 14 and 15, to describe Micro Thermal Cycler sales channel, distributors, customers, research findings and conclusion.

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

3 COMPETITIVE ENVIRONMENT: MICRO THERMAL CYCLER BY MANUFACTURER

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Tables

LIST OF TABLES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

List Of Figures

LIST OF FIGURES

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Global Micro Thermal Cycler Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: https://marketpublishers.com/r/G9F8997AE399EN.html

Price: US$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/G9F8997AE399EN.html