

Global Microscopy Market Size, Share And Growth Analysis For 2024-2033

*The Business Research Company's
Microscopy Global Market Report 2024 –
Market Size, Trends, And Global Forecast
2024-2033*

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KINGDOM, September 25, 2024

/EINPresswire.com/ -- The [microscopy
market](#) has experienced robust growth

in recent years, expanding from \$9.14 billion in 2023 to \$9.81 billion in 2024 at a compound annual growth rate (CAGR) of 7.4%. The growth in the historic period can be attributed to research and development in life sciences, drug discovery and development needs, material science and nanotechnology applications, increasing adoption in clinical diagnostics, quality control in manufacturing processes.



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What Is The Estimated Market Size Of The Global
Microscopy Market And Its Annual Growth Rate?

The microscopy market is projected to continue its strong growth, reaching \$13.37 billion in 2028 at a compound annual growth rate (CAGR) of 8.0%. The growth in the forecast period can be attributed to rise in demand for

point-of-care diagnostics, application in environmental monitoring, expansion of aerospace and automotive industries, remote microscopy and digital pathology, enhanced imaging in neuroscience research.

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Growth Driver Of The Microscopy Market

The rising demand for pharmaceutical and cell biology research is expected to propel the microscopy market. Pharmaceutical and cell biology research refers to the discovery and development of potential drug candidates and compounds manufactured to be used as medicinal drugs for treating diseases. This industry discovers, develops, and manufactures



medicines that are used to cure, alleviate symptoms, and vaccinate against various diseases. Microscopy techniques are widely used in various research projects, including biosimilars stem cell research projects, pharmacology, and other biomedical research to visualize and study the structure and function of cells.

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Which Market Players Are Steering the Microscopy Market Growth?

Key players in the market include Nikon Instruments Inc., Bruker Corporation, Olympus Corporation, Carl Zeiss AG, Thermo Fisher Scientific Inc., Danaher Corporation, JEOL Ltd., Hitachi Ltd., Oxford Instruments plc., AMETEK Inc., NT-MDT Spectrum Instruments, Meiji Techno Co Ltd., Accu-Scope Inc., Takagi Seiko Corporation, Sonix Inc., Konan Medical Inc., Woodley Equipment Company Ltd., Radical Scientific Equipments Private Limited, Mauna Kea Technologies, Topcon Healthcare, ATMOS Medizintechnik GmbH, Agilent Technologies Inc., General Electric Company, Labomed Inc., Alltion Co Ltd., Alcon Inc., ARI Medical Technology Co Ltd., Avante Health Solutions, Buehler, Celestron, Danish Micro Engineering, HAAG-STREIT Surgical GmbH.

What Are the Dominant Trends in Microscopy Market Overview?

Major companies operating in the microscopy market are focusing on developing advanced solutions such as high-sensitivity scanning probe microscope system to drive revenues in their market. A high-end scanning probe microscope offers enhanced sensitivity and high-precision measurement for physical attributes at the atomic and molecular scales.

How Is The Global Microscopy Market Segmented?

- 1) By Type: Microscopes, Accessories, Software
- 2) By Application: Semiconductor, Life Sciences, Materials Science, Nanotechnology, Other Applications
- 3) By End User: Industrial, Electronics And Semiconductor Industry, Automotive Industry, Food And Beverages Industry, Diagnostic And Pathology Labs, Pharma-Biopharma Companies And CRO's, Academic And Research Institutes, Other End-Users

Geographical Insights: North America Leading The Microscopy Market

North America was the largest region in the market in 2023. Asia-Pacific is expected to be the fastest-growing region in the market during the forecast period. The regions covered in the report are Asia-Pacific, Western Europe, Eastern Europe, North America, South America, Middle East, Africa.

Microscopy Market Definition

Microscopy refers to the technical practice of viewing samples and objects through microscopes that need magnification or resolution beyond the human eye.

The main types are microscopes, accessories, and software. Microscopes refer to an optical device with a magnifying lens or a collection of lenses for inspecting items that the unaided eye

cannot see clearly or in sufficient detail. It is used for various applications such as semiconductors, life sciences, materials science, nanotechnology, and others by different end users such as the industrial, electronics and semiconductor industry, automotive industry, food, and beverages industry, diagnostic and pathology labs, pharma-biopharma companies and CRO's, academic and research institutes, and others.

Microscopy Global Market Report 2024 from TBRC covers the following information:

- Market size data for the forecast period: Historical and Future
- Macroeconomic factors affecting the market in the short and long run
- Analysis of the macro and micro economic factors that have affected the market in the past five years
- Market analysis by region: Asia-Pacific, China, Western Europe, Eastern Europe, North America, USA, South America, Middle East and Africa.
- Market analysis by countries: Australia, Brazil, China, France, Germany, India, Indonesia, Japan, Russia, South Korea, UK, USA.

An overview of the global microscopy market report covering trends, opportunities, strategies, and more

The Microscopy Global Market Report 2024 by The Business Research Company is the most comprehensive report that provides insights on [microscopy market size](#), microscopy market drivers and trends, microscopy market major players and microscopy market growth across geographies. This market report helps you gain in-depth insights into opportunities and strategies. Companies can leverage the data in the report and tap into segments with the highest growth potential.

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