

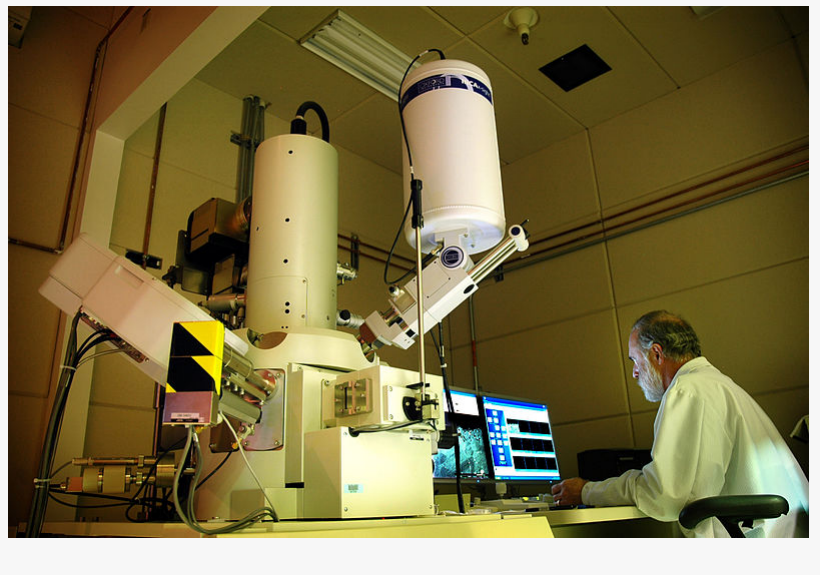
Microscopy Devices Market Size, Share & Trend | Global Industry Report, 2018-2023

Microscopy Market By Product, By Type, By Application, By End User, By Region - Global Industry Analysis, Size, Share, Growth, Trends, And Forecasts (2018-2023)

HYDERABAD, TELANGANA, INDIA,
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EINPresswire.com/ -- Overview

Microscopy is the specific field of employing microscopes to see particles that can't be seen with the naked eye and the objects that are not inside the determination scope of the ordinary eye. The development of microscopy has changed the field of biology, gave rise to the field of histology and continues to be an essential technique in the life sciences Industry.



The Global [Microscopy Market](#) was worth USD 6.52 billion in 2018 and estimated to reach USD 8.73 billion by 2023, increasing at a CAGR of 6%.

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Companies are increasingly focusing on the expansion of the scope of Microscopy”
Lead Analyst @ Market Data Forecast

Increasing adoption of advanced magnifying devices and a growing spotlight on nanotechnology and regenerative medicine are some of the major factors contributing to the growth of the market. The subsidization situation is also highly positive in this field. Companies are increasingly focusing on expanding the application scope of microscopy, which would help in driving the future growth of the market.

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Presently, automation and artificial intelligence in magnified imaging equipment are some of the key interest factors in the market. Firms such as Carl Zeiss and Olympus Corporation are concentrating on assimilating microscopes with automated platforms to widen their application scope in the life sciences and material sciences industry. Rising utilization of such devices can potentially enhance operational productivity in numerous establishments such as hospitals and manufacturing units.

Another vital use of microscopes can be found in surgical interventions. Surgical techniques related to cancers and neurosciences have great demand for magnified imaging systems so as to boost the procedural success. Key market players are focusing on the development of dedicated product offerings related to microsurgeries (spine, cranial, and other multi-disciplinary surgeries). These devices are classified as class I medical devices and can easily gain approval for

commercialization.

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The complete report for the global Microscopy market provides all the information required for the decision making and investing opportunities based on the market size, revenue, history, current trends and future predictions. It also provides the deep sights of the global market based on the product, type, application, end-user and regional analysis, along with the competitive landscape.

On the basis of product, the market is separated into

- Microscopes
- Accessories

Microscope segment grabs the major portion of the global market in terms of revenue.

On the basis of type, the market is separated into

- Optical Microscope
- Electron Microscope
- AFM (Atomic force microscopy)
- STM (Scanning tunnelling microscope)
- NSOM (Near-field scanning optical microscope)

Optical microscope segment is estimated to lead the market and is projected to maintain its dominance during the forecast period. Scanning tunnelling microscope is an advanced technique and has considerable growth potential over the next decade.

On the basis of application, the market is separated into

- Semiconductor
- Nanotechnology
- Electronics

Nanotechnology is a high growth opportunity segment and is being increasingly targeted by companies.

On the basis of an end user, the market is separated into

- Industrial
- Research institution
- Blood banks

On the basis of the regional analysis, the market is separated into

- North America
- Europe
- Latin America
- Middle East and Africa
- Asia Pacific

North America recorded the highest share for the microscopy market, closely trailed by Europe and this trend is expected to continue over the next few years. The high potential for growth in emerging countries of the Asia Pacific and Latin America is anticipated to interest key players operating in the microscopy market in the next decade.

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Some of the top players in the global market include Carl Zeiss, Danaher, Thermo Fisher, Nikon,

Bruker Corporation, Olympus, Oxford Instruments, JEOL, and Hitachi High-Technologies, Keyence, Vision Engineering, and Helmut Hund.

The scope of the report:

- Global, regional and country-level analysis and forecasts of the study market; providing Insights on the major countries/regions in which this industry is blooming and to also identify the regions that are still untapped
- A segment-level analysis in terms of technology, component, and type along with market size forecasts and estimations to detect key areas of industry growth in detail
- Identification of key drivers, restraints, opportunities, and challenges (DROC) in the market and their impact on shifting market dynamics
- Study of the effect of exogenous and endogenous factors that affect the global market; which includes broadly demographic, economic, and political, among other macro-environmental factors presented in an extensive PESTLE Analysis
- Study the microenvironment factors that determine the overall profitability of an Industry, using Porter's five forces analysis for analysing the level of competition and business strategy development
- A comprehensive list of key market players along with their product portfolio, current strategic interests, key financial information, legal issues, SWOT analysis and analyst overview to study and sustain the market environment
- Competitive landscape analysis listing out the mergers, acquisitions, collaborations in the field along with new product launches, comparative financial studies and recent developments in the market by the major companies
- An executive summary, abridging the entire report in such a way that decision-making personnel can rapidly become acquainted with background information, concise analysis and main conclusions

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