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Global Microscopy Devices Market 2023-2029

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Abstracts

A microscope is an instrument that makes magnified images of very small objects so they are visible to the human eye. The invention of the microscope allowed scientists to see cells, bacteria, and many other structures that are too small to be seen with the unaided eye. It gave them a direct view into the unseen world of the extremely tiny. The global microscopy devices market is expected to increase by USD 4.0 billion, at a compound annual growth rate (CAGR) of 6.3% from 2023 to 2029, according to the latest edition of the Global Microscopy Devices Market Report.

The report covers market size and growth, segmentation, regional breakdowns, competitive landscape, trends and strategies for global microscopy devices market. It presents a quantitative analysis of the market to enable stakeholders to capitalize on the prevailing market opportunities. The report also identifies top segments for opportunities and strategies based on market trends and leading competitors' approaches.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, end user, and region. The global market for microscopy devices can be segmented by product: microscopes, supplies and accessories. The microscopes segment captured the largest share of the market in 2022. Microscopy devices market is further segmented by end user: education, life sciences, materials science, semiconductors, others. The life sciences segment held the largest share of the global microscopy devices market in 2022 and is anticipated to hold its share during the forecast period. Based on region, the microscopy devices market is segmented into: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America. In 2022, North America made up the largest share of revenue generated by the microscopy devices market.

The microscopes market is further segmented into charged particle microscopes (CPM),

optical microscopes (OM), scanning probe microscopes (SPM). According to the research, the CPM segment had the largest share in the global microscopy devices market. Furthermore, the optical microscopes (OM) market has been categorized into compound microscopes, confocal microscopes, inverted microscopes, reflecting microscopes, scanning near-field microscopes, stereoscopic microscopes. Gen Consulting Company research indicates that the compound microscopes segment occupied the largest share of this market in 2022 and is expected to draw the highest demand in coming years. The charged particle microscopes (CPM) market is further divided into focused ion beam, scanning electron microscopes, transmission electron microscopes, others. Globally, the transmission electron microscopes segment made up the largest share of the microscopy devices market. The scanning probe microscopes (SPM) market is further segmented into atomic force microscopes, scanning tunneling microscopes. According to the research, the atomic force microscopes segment had the largest share in the global microscopy devices market.

Market Segmentation
By product: microscopes, supplies and accessories
By end user: education, life sciences, materials science, semiconductors, others
By region: North America, Europe, Asia-Pacific, MEA (Middle East and Africa), Latin America

The report also provides a detailed analysis of several leading microscopy devices market vendors that include AMETEK, Inc. (CAMECA), Bruker Corporation, Buehler Ltd. (An ITW Company), Carl Zeiss AG, Danaher Corporation (Leica Microsystems GmbH), Hitachi, Ltd., Horiba Ltd., JASCO International Co., Ltd., JEOL Ltd., Motic (Xiamen) Electric Group Co., Ltd., Nanonics Imaging Ltd., Nanosurf AG, Nikon Corporation, Ningbo Yongxin Optics Co., Ltd., NT-MDT LLC, Olympus Corporation, Park Systems Corp., PerkinElmer, Inc., Phenix Optical Company Limited, Questar Corporation, Schott AG, Scienta Omicron GmbH, Shimadzu Corporation, Sunny Optical Technology (Group) Company Limited, Tescan Orsay Holding AS, Thermo Fisher Scientific, Inc. (FEI Company), WITec GmbH (Oxford Instruments plc), among others. In this report, key players and their strategies are thoroughly analyzed to understand the competitive outlook of the market.
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Scope of the Report
To analyze and forecast the market size of the global microscopy devices market.
To classify and forecast the global microscopy devices market based on product, end user, region.

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To identify drivers and challenges for the global microscopy devices market.
To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global microscopy devices market.
To identify and analyze the profile of leading players operating in the global microscopy devices market.

Why Choose This Report
Gain a reliable outlook of the global microscopy devices market forecasts from 2023 to 2029 across scenarios.
Identify growth segments for investment.
Stay ahead of competitors through company profiles and market data.
The market estimate for ease of analysis across scenarios in Excel format.
Strategy consulting and research support for three months.
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MEA (Middle East and Africa)
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Carl Zeiss AG
Danaher Corporation (Leica Microsystems GmbH)
Hitachi, Ltd.
Horiba Ltd.
JASCO International Co., Ltd.
JEOL Ltd.
Motic (Xiamen) Electric Group Co., Ltd.
Nanonics Imaging Ltd.
Nanosurf AG
Nikon Corporation
Ningbo Yongxin Optics Co., Ltd.
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Questar Corporation
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Sunny Optical Technology (Group) Company Limited
Tescan Orsay Holding AS
Thermo Fisher Scientific, Inc. (FEI Company)
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