

# **Global Education Microscope Market Size study & Forecast, by Type (Optical Microscope, Digital Microscope, Electron Microscope), and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Education Microscope Market is valued at approximately USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. An education microscope is a specialized type of microscope designed for use in educational settings, such as schools, colleges, and universities. It is an essential tool for science education, allowing students to observe and study microscopic specimens to enhance their understanding of biology, chemistry, and other scientific disciplines. Factors such as the increasing installation of advanced microscopes in academic facilities, surging demand for hands-on learning, and increased financial support from both government and non-government organizations for the implementation of scientific equipment within academic institutions has led to a surge in funding. Additionally, the recognition of microscopy as an educational field aimed at fostering research endeavors has played a pivotal role in driving the demand for microscopes ..

Additionally, the growing focus on Science, Technology, Engineering, and Mathematics (STEM) education and enhanced funding for education by various governments and other organizations is primarily attributed to the market growth during the estimated period. For instance, in February 2021, the Arnold and Mabel Beckman Foundation provided USD 9.6 million in funding to eight institutions for advanced light sheet microscopy and data research. Research institutes at Morgridge Institute for Research & Marine Biological Laboratory, Rockefeller University, Washington University in St. Louis, and the University of Rochester, as well as undergraduate institutions at Smith College and Reed College, received funding for their work in the life sciences and

chemistry, as well as for the training and development of new instruments. Moreover, the rising advancements in microscopy technology, as well as the growing adoption of digital microscopes present various lucrative opportunities over the forecast years. However, the requirement for regular maintenance and lack of proper storage and handling are challenging the market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Education Microscope Market study include Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 owing to the growing requirement for institutions of higher learning to have appropriate laboratory equipment, such as top-notch microscopes, along with the increasing technological developments by the leading market players. Whereas, Asia Pacific is expected to grow at the highest CAGR over the forecast years. The escalating research in the field of nanotechnology, a rise in the number of foreign investors in this area, and several government programmes supporting STEM education are significantly propelling the market demand across the region.

Major market players included in this report are:

Thermo Fisher Scientific, Inc

JEOL Ltd

Bruker Corporation

ZEISS Group

Nikon Corporation

Olympus Corporation

Leica Microsystem (Danaher Corporation)

OPTIKA Srl

AmScope

Dino-Lite

## Recent Developments in the Market:

In May 2023, Nikon Corporation introduced the ECLIPSE Ni-L upright optical microscope, which has LED lighting for efficient cell and pathological specimen viewing.

In February 2023, The Joint Electron Microscopy Centre at ALBA (JEMCA) was established in Spain to make two new electron microscopes available for use in structural biology and material science research. Cryo-TEM and METCAM microscopes are two of the two microscopes. The center offers free access to academic institutions.

## Global Education Microscope Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Type, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

Optical Microscope

Digital Microscope

Electron Microscope

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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