

Microscope Market Worth USD 12.85 Billion by 2025 according to Polaris Market Research

Microscope Market expected to grow from USD 6,912 Million in 2017 to USD 12,851.2 Million by 2025, at a CAGR of 7.1% during the forecast period.



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According to a new market study published
by Polaris Market Research, the [global
microscope market is anticipated to reach](#)

[USD 12,851.2 Million](#) by 2025 from USD 6,912 Million in 2017, at a CAGR of 7.1% during the forecast period

Several technological advancements in the field of nanotechnology and semiconductors have been fuelled by the ongoing venture of miniaturization, thereby giving an impetus to the growth of the microscope industry.

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Polaris Market Research

Similarly, advancements in the field of cell biology, bioengineering, pharmacology and biophysics have further augmented the market growth. The surge in government funding received by academic researchers, increasing research and development activities in small laboratories and academic institutions, and rising collaborations between companies and academic institutions for sharing of advanced laboratory equipment has also supplemented market growth. Moreover, extensive adoption of microscope usage by manufacturers across various domains, lightweight and portability of certain microscopes and production of more accurate, robust and relatively cheaper instruments are

driving the market growth. However, lack of skilled labor, high costs, high-cost maintenance and huge capital investments impede the market growth. Newer innovative fields of application and emerging market in developing countries provide numerous opportunities for growth.

The key market players profiled in the report include Nikon, Carl Zeiss AG, Leica Microsystems, Hitachi High Technologies, Bruker Corporation, NT-MDT Company, FEI Company, Jeol Ltd., Olympus Corporation, Asylum Research, Omax Corporation, Amscope, Celestron, Motic and Magnus Analytics.

North America dominates the [global microscope market](#). This report covers the following regions: North America, Europe, Asia-Pacific, Latin America and MEA. The microscope market in Asia-Pacific is expected to exhibit the fastest growth. Japan holds the majority share of the market in the Asia-Pacific region and is anticipated to be the fastest growing region in the Asia-Pacific region. This rapid growth in the Asia-Pacific is attributed to the swelling economic growth in countries such as China and

Japan. Various factors governing the growth in this region include presence of major market players in this region, increasing government and rapidly increasing research and development activities. Furthermore, various technological advancements in the field of material and life sciences, and nanotechnology are further boosting the market growth.

Key Take-aways

- On the basis product, electron microscope accounts for 3/7th of the market share in 2018, whereas scanning probe microscope is anticipated to exhibit the fastest growth during the forecast period.
- Of the various types of optical microscope, inverted microscope accounts for the largest share of optical microscopes and would continue to do so during the forecast period.
- Based on application, the life sciences and nanotechnology segments together account for more than half of the microscope market.

Market Segmentation

Segment – 1. By Type

1.1. Optical Microscope

1.1.1. Confocal Microscopes

1.1.2. Inverted Microscopes

1.1.3. Stereo Microscopes

1.1.4. Phase Contrast Microscopes

1.1.5. Fluorescence Microscopes

1.1.6. Other Optical Microscopes

1.2. Electron Microscopes

1.2.1. Transmission Electron Microscope

1.2.2. Scanning Electron Microscope

1.3. Scanning Probe Microscope

1.3.1. Near-Field Scanning Optical Microscopes

1.4. Other Microscope

Segment - 2. By Application

2.1 Material Science

2.2 Nanotechnology

2.3 Life Sciences

2.4 Semiconductors

2.5 Other Applications

Segment - 3. By Geography

3.1 North America

3.1.1 U.S.

3.1.2 Canada

3.2 Europe

3.2.1 Germany

3.2.2 UK

3.2.3 Rest of Europe

3.3 Asia-Pacific

3.3.1 Japan

3.3.2 China

3.3.3 Rest of Asia-Pacific

3.4 Latin America

3.4.1 Brazil

3.4.2 Mexico

3.4.3 Rest of Latin America

3.5 Middle East & Africa

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