

# Electron Microscopy Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Electron Microscopy Trends and Forecast

The future of the global electron microscopy market looks promising with opportunities in the healthcare and research institute markets. The global electron microscopy market is expected to reach an estimated \$6.3 billion by 2030 with a CAGR of 8.3% from 2024 to 2030. The major drivers for this market are increasing demand for advanced imaging technologies, increased use of electron microscopes in research and production procedures, and rising demand for quality control in manufacturing.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

### Electron Microscopy by Segment

The study includes a forecast for the global electron microscopy by type, application, end use, and region.

Electron Microscopy Market by Type [Shipment Analysis by Value from 2018 to 2030]:

Scanning Electron Microscope (SEM)

Transmission Electron Microscope (TEM)

Electron Microscopy Market by Application [Shipment Analysis by Value from 2018 to 2030]:

Life Sciences

Material Sciences

Others

Electron Microscopy Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Healthcare

Research Institute

Others

Electron Microscopy Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Electron Microscopy Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies electron microscopy companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce

production costs, and expand their customer base. Some of the electron microscopy companies profiled in this report include-

Nikon Instruments

Bruker

JEOL

Delong Instruments

TESCAN Orsay holding

Advantest

Hitachi High-Technologies

Oxford Instruments

Thermo Fisher Scientific

Carl Zeiss

## Electron Microscopy Market Insights

Lucintel forecasts that life sciences is expected to witness higher growth over the forecast period due to growing number of chronic illnesses, which has raised R&D costs and raised the need for digital microscopes in the medical and biological sciences.

Within this market, healthcare will remain the largest segment.

North America will remain the largest region over the forecast period due to presence of academic and research institutions, a large number of clinical trials carried out in the area.

## Features of the Global Electron Microscopy Market

Market Size Estimates: Electron microscopy market size estimation in terms of value

(\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Electron microscopy market size by type, application, end use, and region in terms of value (\$B).

**Regional Analysis:** Electron microscopy market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different type, application, end use, and regions for the electron microscopy market.

**Strategic Analysis:** This includes M&A, new product development, and competitive landscape of the electron microscopy market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## FAQ

Q1. What is the electron microscopy market size?

Answer: The global electron microscopy market is expected to reach an estimated \$6.3 billion by 2030.

Q2. What is the growth forecast for electron microscopy market?

Answer: The global electron microscopy market is expected to grow with a CAGR of 8.3% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the electron microscopy market?

Answer: The major drivers for this market are increasing demand for advanced imaging technologies, increased use of electron microscopes in research and production procedures, and rising demand for quality control in manufacturing.

Q4. What are the major segments for electron microscopy market?

Answer: The future of the global electron microscopy market looks promising with opportunities in the healthcare and research institute markets.

Q5. Who are the key electron microscopy market companies?

Answer: Some of the key electron microscopy companies are as follows:

Nikon Instruments

Bruker

JEOL

Delong Instruments

TESCAN Orsay holding

Advantest

Hitachi High-Technologies

Oxford Instruments

Thermo Fisher Scientific

Carl Zeiss

Q6. Which electron microscopy market segment will be the largest in future?

Answer: Lucintel forecasts that life sciences is expected to witness higher growth over the forecast period due to growing number of chronic illnesses, which has raised R&D costs and raised the need for digital microscopes in the medical and biological sciences.

Q7. In electron microscopy market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period due to

presence of academic and research institutions, a large number of clinical trials carried out in the area.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the electron microscopy market by type (scanning electron microscope (SEM) and transmission electron microscope (TEM)), application (life sciences, material sciences, and others), end use (healthcare, research institute, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Electron Microscopy Market, Electron Microscopy Market Size, Electron Microscopy Market Growth, Electron Microscopy Market Analysis, Electron Microscopy Market Report, Electron Microscopy Market Share, Electron Microscopy Market Trends, Electron Microscopy Market Forecast, Electron Microscopy Companies, write Lucintel analyst at email: [helpdesk@lucintel.com](mailto:helpdesk@lucintel.com). We will be glad to get back to you soon.

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