

Global Microscopy Market Outlook: 2015-2020

<https://marketpublishers.com/r/G31EB0BDA1CEN.html>

Date: March 2016

Pages: 216

Price: US\$ 4,175.00 (Single User License)

ID: G31EB0BDA1CEN

Abstracts

Microscopy is one of the most vital technologies in science which allows the user to study objects that are not visible with naked eyes. It involves use of microscopes to get greater detail of examined samples. Various technologies are applied for enhancing the objects with the most basic being optical technique. Advancement in microscopy technology have led to development of varied types of microscope and related products which include optical microscope, electron microscope, scanning probe microscopes, other microscope, and consumables & accessories.

The microscopy market is expected to be worth USD 6,830.4 million by 2020, growing at a CAGR of around 8.9% from 2015 to 2020. The growing need for improved technologies among the end-users has led to technological advancements in the microscopy market. Some of the advancements include digitalization, enabling live-cell imaging, super resolution, and high throughput methods. The market is witnessing a rapid shift from conventional microscopes to integrated digital image analysis systems. Microscopy form a major part of large number of research projects that rely on private and government funding. In recent years, the market has seen a considerable increase in the R&D funding from public as well as private sector. Thus, favourable funding scenario is expected to directly boost the demand for research tools including microscopy devices. The technological advancements have led to paradigm shift from optical microscopes to more advanced electron and scanning probe microscopes. However, these advanced microscopes are priced very high compared to conventional microscopes which restrict its growth in price sensitive end users market.

This latest publication from Meticulous Research describes major microscopy market segments and includes comprehensive analysis of optical microscopy, electron microscopy, scanning probe microscopy, and other type of microscopes along with the various types of consumables and accessories. The study further analyzes various application areas of microscopy such as life science & healthcare, semiconductors,

material sciences, and others. This study also analyzes the market at a country level covering all the major countries in North America, Europe, Asia-Pacific, and Rest of the world.

Key questions answered in the report-

Which are the high growth market segments in terms of technology, products, applications consumables and accessories, regions, and countries?

What is the historical market for microscopy across the globe?

What are the market forecasts and estimates from the period 2015-2020?

What are the major drivers, restrains, threats, and opportunities in the global microscopy market?

What are the burning issues of the global microscopy market?

Who are the major players in the global microscopy market and What share of the market do they hold?

Who are the major players in various regions (North America, APAC, Europe, Latin America, and Middle East & Africa) and What share of the market do they hold?

What are the competitive landscapes and Who are the market leaders by sub-region in the global a microscopy market?

What are the recent developments in the global microscopy market?

What are the different strategies adopted by the major players in the global microscopy market?

What are the geographical trends and high growth regions?

Contents

1 INTRODUCTION TO GLOBAL MICROSCOPY MARKET

- 1.1 Microscopy Market Ecosystem
- 1.2 Report Elucidation
- 1.3 Market Buzz and Foreground
- 1.4 Research Methodology
 - 1.4.1 Research Process
 - 1.4.2 Market Size Estimation
 - 1.4.3 Market Size Forecast
 - 1.4.4 Primary Research Sampling Frame

2 EXECUTIVE SUMMARY

3 MARKET INSIGHTS

- 3.1 Drivers
 - 3.1.1 Rising Focus on Nanotechnology
 - 3.1.2 Favourable Government and Corporate Funding
 - 3.1.3 Technological Advancements
- 3.2 Restraints
 - 3.2.1 High Cost of Advanced Microscopes
 - 3.2.2 Implementation of Excise Tax By the U.S. Government
 - 3.2.3 Heavy Custom Duty on Medical Devices
- 3.3 Opportunities
 - 3.3.1 Emerging Markets (China, India, Brazil, and Middle East)
 - 3.3.2 New Application Areas Such as Quantum Dots and Optogenetics
 - 3.3.3 Integration of Microscopy With Spectroscopy
 - 3.3.4 Customized Microscopy Solutions
- 3.4 Challenges
 - 3.4.1 Sample Preparation
 - 3.4.2 Requirement of High Degree of Technical Expertise

4 GLOBAL MICROSCOPY MARKET CRACKDOWN (\$ VALUE ANALYSIS), BY PRODUCT

- 4.1 Introduction
- 4.2 Optical Microscopy

- 4.2.1 Compound Microscopy
- 4.2.2 Dissection or Stereoscope
- 4.2.3 Fluorescence Microscopy
- 4.2.4 Confocal Microscopy
- 4.2.5 Super-Resolution Microscopy
- 4.2.6 Others (Digital/Polarised Microscopy)
- 4.3 Electron Microscopy
 - 4.3.1 Scanning Electron Microscope (SEM)
 - 4.3.2 Transmission Electron Microscopes (TEM)
 - 4.3.3 Reflection Electron Microscope (REM)
- 4.4 Scanning Probe Microscopy
- 4.5 Other Microscopes Peripherals (Objectives, Cameras, Softwares)/X-ray Microscopy
- 4.6 Consumables and Accessories

5 GLOBAL MICROSCOPY MARKET CRACKDOWN (\$ VALUE ANALYSIS), BY APPLICATION

- 5.1 Introduction
- 5.2 Semiconductor
- 5.3 Life Sciences & Healthcare
- 5.4 Material Science
- 5.5 Others (Nanotechnology, Academic, Forensic)

6 MICROSCOPY MARKET CRACKDOWN (\$ VALUE ANALYSIS), BY GEOGRAPHY

- 6.1 Introduction
- 6.2 North America
 - 6.2.1 U.S.
 - 6.2.3 Canada
- 6.3 Europe
 - 6.3.1 Germany
 - 6.3.2 France
 - 6.3.3 U.K.
 - 6.3.4 Italy
 - 6.3.5 Spain
 - 6.3.6 RoE
- 6.4 Asia Pacific
 - 6.4.1 Japan
 - 6.4.2 China

- 6.4.3 India
- 6.4.4 RoAPAC
- 6.5 Rest of the World (ROW)
 - 6.5.1 Latin America
 - 6.5.2 Middle East and Africa

7 COMPETITIVE LANDSCAPE

- 7.1 Agreements Collaborations, and Partnerships
- 7.2 New Product Launches
- 7.3 Mergers and Acquisitions
- 7.4 Expansions
- 7.5 Grants and Funds
- 7.6 Patents
- 7.7 Other Developments

8 COMPANY PROFILES

- 8.1 Bruker Corporation
 - 8.1.1 Business Overview
 - 8.1.2 Financials
 - 8.1.3 Products & Services
 - 8.1.4 Recent Developments
- 8.2 Danaher Corporation
 - 8.2.1 Business Overview
 - 8.2.2 Financials
 - 8.2.3 Products & Services
 - 8.2.4 Recent Developments
- 8.3 Oxford Instruments (Asylum Research)
 - 8.3.1 Business Overview
 - 8.3.2 Financials
 - 8.3.3 Products & Services
 - 8.3.4 Recent Developments
- 8.4 Carl Zeiss AG
 - 8.4.1 Business Overview
 - 8.4.2 Financials
 - 8.4.3 Products & Services
 - 8.4.4 Recent Developments
- 8.5 FEI Co.

- 8.5.1 Business Overview
- 8.5.2 Financials
- 8.5.3 Products & Services
- 8.5.4 Recent Developments
- 8.6 Danish Micro Engineering
 - 8.6.1 Business Overview
 - 8.6.2 Financials
 - 8.6.3 Products & Services
 - 8.6.4 Recent Developments
- 8.7 Hitachi High-Technologies Corporation
 - 8.7.1 Business Overview
 - 8.7.2 Financials
 - 8.7.3 Products & Services
 - 8.7.4 Recent Developments
- 8.8 Jeol Ltd.
 - 8.8.1 Business Overview
 - 8.8.2 Financials
 - 8.8.3 Products & Services
 - 8.8.4 Recent Developments
- 8.9 Nikon Corporation
 - 9.9.1 Business Overview
 - 9.9.2 Financials
 - 9.9.3 Products & Services
 - 9.9.4 Recent Developments
- 8.10 Olympus Corporation
 - 10.10.1 Business Overview
 - 10.10.2 Financials
 - 10.10.3 Products & Services
 - 10.10.4 Recent Developments

*Financials for private companies are not mentioned, since the data is not available publicly
List of Tables

Table 1 Global Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 2 Global Microscopy Market Revenue, By Product Type, 2013-2020 (\$Million)

Table 3 Global Optical Microscopy Market Revenue, By Type, 2013-2020 (\$Million)

Table 4 Global Optical Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 5 Global Fluorescence Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 6 Global Microscopy Market Revenue, By Product Type, 2013-2020 (\$Million)

Table 7 Global Confocal Microscopy Market Revenue, By Type, 2013-2020 (\$Million)

Table 8 Global Super-Resolution Microscopy Market Revenue, By Product Type, 2013-2020 (\$Million)

Table 9 Global Compound Microscopy Market Revenue, By Type, 2013-2020 (\$Million)

Table 10 Global Dissection or Stereoscope Market Revenue, By Type, 2013-2020 (\$Million)

Table 11 Global Other Optical Microscopy Market Revenue, By Type, 2013-2020 (\$Million)

Table 12 Global Electron Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 13 Global Scanning Electron Microscope (SEM) Market Revenue, By Type, 2013-2020 (\$Million)

Table 14 Global Transmission Electron Microscopes (TEM) Market Revenue, By Type, 2013-2020 (\$Million)

Table 15 Global Reflection Electron Microscope (REM) Market Revenue, By Type, 2013-2020 (\$Million)

Table 16 Global Scanning Probe Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 17 Global others Microscopy Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 18 Global Microscopy Accessories and Consumables Market Revenue, By Country/Region, 2013-2020 (\$Million)

Table 19 Global Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 20 Global Microscopy Market Revenue for Semiconductor, By Country/Region, 2013-2020 (\$Million)

Table 21 Global Microscopy Market Revenue for Semiconductor, By Country/Region, 2013-2020 (\$Million)

Table 22 Global Microscopy Market Revenue for Life Science and Healthcare, By Country/Region, 2013-2020 (\$Million)

Table 23 Global Microscopy Market Revenue for Material Science, By Country/Region, 2013-2020 (\$Million)

Table 24 Global Microscopy Market Revenue for Other Applications, By Country/Region, 2013-2020 (\$Million)

Table 25 North America: Microscopy Market Revenue, By Country, 2013-2020 (\$Million)

Table 26 North America: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 27 North America: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 28 North America: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 29 North America: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 30 U.S.: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 31 U.S.: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 32 U.S.: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 33 U.S.: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 34 Canada: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 35 Canada: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 36 Canada: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 37 Canada: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 38 Europe: Microscopy Market Revenue, By Country, 2013-2020 (\$Million)

Table 39 Europe: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 40 Europe: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 41 Europe: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 42 Europe: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 43 Germany: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 44 Germany: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 45 Germany: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 46 Germany: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 47 France: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 48 France: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 49 France: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 50 France: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 51 U.K.: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 52 U.K.: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 53 U.K.: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 54 U.K. Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 55 Italy: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 56 Italy: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 57 Italy: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 58 Italy: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 59 Spain: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 60 Spain: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 61 Spain: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 62 Spain: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 63 RoE: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 64 RoE: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 65 RoE: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 66 RoE: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 67 APAC: Microscopy Market Revenue, By Country, 2013-2020 (\$Million)

Table 68 APAC: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 69 APAC: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 70 APAC: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 71 APAC: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 72 Japan: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 73 Japan: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 74 Japan: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 75 Japan: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 76 China: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 77 China: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 78 China: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 79 China: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 80 India: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 81 India: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 82 India: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 83 India: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 84 RoAPAC: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 85 RoAPAC: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 86 RoAPAC: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 87 RoAPAC: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 88 RoW: Microscopy Market Revenue, By Region, 2013-2020 (\$Million)

Table 89 RoW: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 90 RoW: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 91 RoW: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 92 RoW: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 93 Latin America: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 94 Latin America: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 95 Latin America: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 96 Latin America: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

Table 97 Middle East & Africa: Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 98 Middle East & Africa: Optical Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 99 Middle East & Africa: Electron Microscopy Market Revenue, By Product, 2013-2020 (\$Million)

Table 100 Middle East & Africa: Microscopy Market Revenue, By Application, 2013-2020 (\$Million)

I would like to order

Product name: Global Microscopy Market Outlook: 2015-2020

Product link: <https://marketpublishers.com/r/G31EB0BDA1CEN.html>

Price: US\$ 4,175.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G31EB0BDA1CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970