

World Microscopy Market: Products, Applications and Forecasts (2010 -2015)

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Abstracts

Increasing government and corporate funding in life sciences and nanotechnology is predominantly driving the microscopy market. Furthermore, technological advances that enhance ease of usage, automation, better quality imaging, faster/better analysis have also had a huge positive impact on the market. Quantum dots technology in microscopy is a growing area of interest and is expected to drive the future growth of microscopy market. World microscopy market is expected to grow from \$2.7 billion in 2010 to \$4.5 billion in 2015, at an estimated CAGR of 10.8% from 2010 to 2015. The optical microscopy segment currently dominates the microscopy market. However, it is expected to lose market share to advanced microscopies such as electron and scanning probe. Scanning probe microscopy is the fastest growing market with a CAGR of 18.1%.

Semiconductor industry is currently the largest application area of microscopy and accounts for 31% of the applications market. On the other hand, life sciences and material sciences account for around 27% and 24% of the total market. Nanotechnology accounts for a meager 10% of the market; however, it is expected to grow the fastest pace during the forecasted period at a CAGR of 17.9%.

Scope of the report

This research report evaluates the world of microscopy market with respect to the product and applications market. The report analyzes geography; forecasting revenues, and trends in each of the following submarkets:

Optical microscopy segments such as inverted microscope, stereomicroscope, phase contrast microscope, fluorescence microscope, confocal scanning microscope, near field scanning microscope, and others.

Electron microscopies such as transmission electron microscopy and scanning electron microscopy

Scanning probe microscopies such as scanning tunneling microscopy and atomic force microscopy

Microscopy applications such as semiconductors, nanotechnology, life sciences, and material sciences

Each section will provide market data, market drivers, trends and opportunities, top-selling products, key players, and competitive outlook. This report will also provide market tables for covering the sub-segments and micro-markets. In addition, the report provides more than 30 company profiles covering all the sub-segments.

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We conduct detailed market positioning, product positioning, and competitive positioning. Entry strategies, gaps, and opportunities are identified for all the stakeholders.

Comprehensive market analysis for the following sectors:

Pharmaceuticals, Medical Devices, Biotechnology, Semiconductor and Electronics, Energy and Power Supplies, Food and Beverages, Chemicals, Advanced Materials, Industrial Automation, and Telecom and IT. We also analyze retailers and super-retailers, technology providers, and research and development (R&D) companies.

Key questions answered

Which are the high-growth segments/cash cows and how is the market

segmented in terms of the microscopy market?

What are market estimates and forecasts; which markets are doing well and which are not?

Where are the gaps and opportunities; what is driving the market?

Which are the key playing fields? Which are the winning edge imperatives?

How is the competitive outlook; who are the main players in each of the segments; what are the key selling products; what are their strategic directives, operational strengths and product pipelines? Who is doing what?

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