Global Microscopy Market Outlook: 2015-2020

Description: 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 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, restraints, 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?
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