

Service Laboratory Market by Service Type (OEM, Laboratory Services), Product/Technology (FE-TEM, STEM, FIB-SEM, FEG-SEM, SIMS), Application (Biotechnology, Pharmaceutical, Semiconductor) and Geography (North America, Europe, APAC) - Global forecast to 2020

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Abstracts

Service laboratory is an essential process being implemented across a wide range of sectors. The process involves identifying faults and defects in the products. Service laboratory equipment are responsible for animating, analyzing the root cause of failure of an end product, device, or system to develop corrective action plan. They help improve next generation versions of the product or other products.

Service laboratory and prevention is applicable to all engineering disciplines. Some of the major applications in the service laboratory market are industrial science, material science, bioscience, and electronics. These applications are further sub-divided into the subsequent sub-applications. The industrial application segment is further divided into oil & gas, mining, renewable energy, automotive & aerospace, chemical & pharmaceuticals, machinery & tool, and power generation among others. The material science application is segmented into metals, paper & fiber material, ceramic & glass, polymer, and nanofabrication. The bioscience application segment is further segmented into cellular biology, structural biology, biomedical engineering, and neuroscience. Lastly, the electronics segment is classified into semiconductor manufacturing and MEMS.

North America contributed the largest share to the service laboratory market. The U.S. holds the largest market share in North America. It is projected to reach USD 1.06

billion by 2020, at a CAGR of 5.0% during the forecast period. The bioscience market is driving the service laboratory market in this region.

Being a technology-oriented market, customer support services play a vital role in the service laboratory market. Major players pursue a solution-oriented development strategy in which a close service relationship with its customers plays a key role. Hence, players such as Carl Zeiss (Germany), FEI Company (U.S.), and Hitachi High-technologies Corporation (Japan) offer new warranty schemes, provide technical consultations (before and after sales), and establish separate centers for customer relationship management to enhance the level of customer satisfaction. The major companies involved in lab services are Exponent, Inc. (United States), Integrated Service Technology, Inc. (Taiwan), Nanolab Technologies, Inc. (United States), and Chipworks Inc. (Canada) among others. The major OEMs include Hitachi High-Technologies Corporation (Japan), FEI Company (United States), JEOL Ltd. (Japan), and Carl Zeiss AG (Germany), among others.

The report describes OEMs, service, product, application, and geographical regions with respect to the service laboratory market size. All the numbers with regard to the revenue, at every level of detail, are estimated till 2020 to give a glimpse of the potential revenue base in this market.

Reasons to buy the report

This report contains all the insights about the service laboratory market and provides tremendous benefits for numerous industries. It presents an overview of techniques to avoid failures which are about to occur in future, thereby improving efficiency and reducing maintenance cost through timely analysis. The detailed information of all the types of equipment and the company analysis would be beneficial for understanding the competitor's strategy and their portfolio.

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