

Global Laser Scanning Confocal Microscopy Market Forecast and Analysis 2016-2021

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Abstracts

This report provides detailed analysis of worldwide markets for Laser Scanning Confocal Microscopy from 2011-2016, and provides extensive market forecasts (2016-2021) by region/country and subsectors. It covers the key technological and market trends in the Laser Scanning Confocal Microscopy market and further lays out an analysis of the factors influencing the supply/demand for Laser Scanning Confocal Microscopy, and the opportunities/challenges faced by industry participants. It also acts as an essential tool to companies active across the value chain and to the new entrants by enabling them to capitalize the opportunities and develop business strategies.

Confocal laser scanning microscopy (CLSM or LSCM) is a technique for obtaining high-resolution optical images with depth selectivity. The key feature of confocal microscopy is its ability to acquire in-focus images from selected depths, a process known as optical sectioning. Images are acquired point-by-point and reconstructed with a computer, allowing three-dimensional reconstructions of topologically complex objects. For opaque specimens, this is useful for surface profiling, while for non-opaque specimens, interior structures can be imaged. For interior imaging, the quality of the image is greatly enhanced over simple microscopy because image information from multiple depths in the specimen is not superimposed. A conventional microscope 'sees' as far into the specimen as the light can penetrate, while a confocal microscope only 'sees' images one depth level at a time. In effect, the CLSM achieves a controlled and highly limited depth of focus.

GCC's report, Global Laser Scanning Confocal Microscopy Market Forecast and Analysis 2016-2021, has been prepared based on the synthesis, analysis, and interpretation of information about the global Laser Scanning Confocal Microscopy market collected from specialized sources. The report covers key technological developments in the recent times and profiles leading players in the market and

analyzes their key strategies. The competitive landscape section of the report provides a clear insight into the market share analysis of key industry players. The major players in the global Laser Scanning Confocal Microscopy market are Olympus, Nikon, Horlabs Inc, Leica, Zeiss.

The report provides separate comprehensive analytics for the North America, Europe, Asia-Pacific, Middle East and Africa and Rest of World. In this sector, global competitive landscape and supply/demand pattern of Laser Scanning Confocal Microscopy industry has been provided.

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ABBREVIATIONS

DISCLAIMER

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