
Description: This report examines the ‘Surface Plasmon Resonance Market’ for the period 2015 - 2025. The primary objective of the report is to offer updates and in-depth analysis of market opportunities in the global surface plasmon resonance market.

Surface plasmon resonance technique is considered as the gold standard for analysis of the kinetic of biomolecular interactions in real time. Due to its high specificity and selectivity, surface plasmon resonance technique is gaining popularity amongst researchers for label-free detection. This technique is majorly used in the field of drug development and proteomics. Apart from these applications, this technique is being used for testing quality of food products in the food industry.

The surface plasmon resonance market is mainly driven by increasing adoption of label-free detection techniques over labelled detection techniques, due to cost effectiveness and high specificity of the former. Researchers are focused on miniaturization of devices used to conduct SPR technique to develop point-of-care devices. However, factors such as inadequate funding in developing countries, high pricing of products and non-availability of devices in developing countries are expected to hamper overall market growth. The surface plasmon resonance market is segmented on the basis of product, application and region.

The report offers global market forecast in terms of value and volume for the following 10 years. Products covered in the report include:

- Imaging System
- Sensor System
- Reagent

To understand and assess opportunities in this market, the report is categorically split under three sections: by product, application and region. The report analyses the global surface plasmon resonance market in terms of market value (US$ Mn) and market volume (units).

On the basis of application, the global surface plasmon resonance market is segmented into:

- Drug Discovery
- Material Science
- Bio-sensors

The report starts with an overview of surface plasmon resonance. In the same section, FMI covers the surface plasmon resonance market performance in terms of revenue. This section includes FMI’s analysis of key trends, drivers from economic, supply and demand perspectives, and restraints.

The section that follows analyses the market on the basis of region and presents the forecast in terms of value and volume for the following 10 years. Regions covered in the report are as follows:

- North America
- Western Europe
- Eastern Europe
- Latin America
- Middle East & Africa
- Asia Pacific excluding Japan (APEJ)
- Japan

To arrive at the market size, the report considers average price of surface plasmon resonance devices (imaging system, sensor system and reagent) across geographies. The forecast presented here assesses total revenue of the global surface plasmon resonance market. When developing the forecast of the market, the starting point is sizing the current market, which forms the basis for the forecast of how the market is anticipated to take shape in the near future. Given the characteristics, we triangulated the outcome on the
basis of analysis based on supply and demand sides. However, quantifying the market across aforementioned segments and regions is more a matter of quantifying expectations and identifying opportunities rather than rationalizing them after the forecast has been completed.

The report also takes into consideration year-on-year growth to understand the predictability of the market and identify the right opportunities across the surface plasmon resonance market.

As previously highlighted, the market for surface plasmon resonance is split into various categories on the basis of region, products and application. All these segments have been analysed in terms of basis point (BPS) to understand individual segments relative contribution to growth. This detailed level of information is important for identification of various key trends in the surface plasmon resonance market.

Another key feature of this report is the analysis of surface plasmon resonance market by region, product and application, and its revenue forecast in terms of absolute dollar. This is traditionally overlooked while forecasting the market. However, absolute dollar opportunity is critical in assessing the level of opportunity that a provider can look to achieve, as well as to identify potential resources from a sales perspective in the global surface plasmon resonance market.

Furthermore, this industry has developed market attractiveness index for all three segments: regional, product and application segments. This index helps in identifying the real opportunities in the market.

In the final section of the report, surface plasmon resonance market landscape is included to provide report audiences with a dashboard view on the basis of categories of providers across the market, presence in surface plasmon resonance product portfolio and key differentiators. Key market participants covered in the report include GE Healthcare, Bio-Rad Laboratories, Inc., Biosensing Instruments, Horiba Ltd. and Reichert Technologies (acquired by Ametek, Inc.). These players have been profiled on the basis of various attributes such as company overview, recent developments, growth strategies, sustainability, and financial overview.

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