

Optical Measurement Market - Forecasts from 2019 to 2024

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Abstracts

The optical measurement market is projected to grow at a CAGR of 7.65% to reach US\$6.012 billion by 2024, from US\$3.863 billion in 2018. The optical measurement solutions are used for the measurement of different components for the purpose of development, inspection and evaluation of products to ensure it meets the stringent industry standards and regulation enabling the optimal performance of the product. The optical measurement market is estimated to grow substantially on account of its ability to significantly reduce the duration of inspection as compared to the conventional methods allowing the manufacturers in different industry verticals to optimize the production cost. Moreover, the growing global concerns regarding the efficient use of energy is leading to the firms in the automotive and aerospace and defense industry to utilize lightweight material in the production of vehicle and aircraft respectively that are required to be comprehensively tested, thus fueling the growth of the market.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations,

press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top down approaches have been utilized to determine the market size of the overall market and key segments. The values obtained are correlated with the primary inputs of the key stakeholders in the optical measurement value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the optical measurement market.

Major industry players profiled as part of the report are Nikon Corporation, Keyence Corporation, Hexagon AB, and Keysight Technologies among others.

Segmentation

The optical measurement market has been analyzed through following segments:

By Equipment

Microscopes

Profile Projector

Digitizers and Scanners

Autocollimator

Video Measuring Machines

Coordinate Measuring Machines

By Offering

Hardware

Software

Services

By Industry Vertical

Healthcare

Automotive

Energy & Power

Aerospace & Defense

Consumer Electronics

Manufacturing

By Geography

North America

USA

Canada
Mexico
Others
South America
Brazil
Argentina
Others
Europe
Germany
France
United Kingdom
Others
Middle East and Africa
Saudi Arabia
Israel
Others
Asia Pacific
China
Japan
India
Others

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