Global Metrology Market Information, by Type (Industrial, Scientific, Legal), by End-user (Manufacturing, Automotive, Aerospace, Consumer products, Heavy industry), by Product (CMM, 3D scanner, Laser tracker) - Forecast 2027

Market Synopsis of Metrology Market:

Market Scenario
The major growth driver of Metrology Market includes growing demand for measurement components from sectors such as automotive and energy and power sectors, and growing outsourcing trends in healthcare sector among others.

Hence the market for Metrology is expected to grow at 6.82% CAGR (2016-2027).

However, lack of skilled precision machine operators is one of the major factors which are hindering the growth of Metrology Market.

Key Market Findings:

- Global Metrology market has reached USD 607.9 million in 2016 and is projected to exhibit USD 1255.5 million by the end of 2027 with a growing CAGR of 6.82%.
- By type segment, the industrial metrology among all is growing with a highest revenue value of USD 350.44 million in 2016 and it is estimated to reach USD 878.51 million by the end of 2027, with growing CAGR of 8.71% is the fastest growing metrology type.
- By product segment, the coordinated measuring machine (CMM) is estimated to show highest revenue of USD 848.93 million in 2027 from USD 363.33 million in 2016, with growing CAGR of 8.02% during forecast period 2016 to 2027.
- By end-user segment, Manufacturing is showing highest revenue of USD 139.08 million in 2016 and is projected to exhibit USD 395.46 million by 2027, growing with highest CAGR of 9.97% during forecast period 2016-2027.

Segments
Global Metrology Market can be segmented as follows:

Segmentation by Type: Industrial metrology, scientific metrology and legal metrology among others.

Segmentation by Product: CMM (coordinate measuring machine), optical digitizers, 3D scanners and Laser tracker among others.

Segmentation by End-user: Aerospace, automotive, consumer electronics, industrial, and energy & power among others.
Regional Analysis of Metrology Market:

Europe is expected to dominate the Global Metrology Market with the largest market share due to continuous technology advancement and increasing financial support from government in the region, and therefore accounting for $176.53 million and is expected to grow over $397.33 million by 2027. Metrology Market in Asia-Pacific market is expected to grow at CAGR of 10.60% from $141.84 million in 2016 to $485.85 million by 2027. The Europe market for Metrology Market is expected to grow at 6.67% CAGR (2016-2027).

Key Players

Some of the major players in Global Metrology Market include Hexagon AB (Sweden), Carl Zeiss (Germany), Mitutoyo Corp.(U.S), Nikon metrology (Belgium), Renishaw (U.K.), metrology software product Ltd.(U.K.), Pantec metrology (Germany), Perceptron Inc.(U.S.), 3D Digital Corporation (U.S.) and Faro Technologies (U.S.) among others.

Industry News:

- Nikon metrology has announced in April 2016 about its new product development. It has developed MV331 and MV351 for faster measurement, automated and non-contact metrology. It also performs repetitive procedures and complex inspection task easily to enhance the measurement.
- Faro Technologies has announced in July 2016 about its expansion of metrology and factory automation sectors by acquisition of Build IT software & solution, one of the leader in 3D metrology software platform.

Objective of Metrology Market Study:

- To provide detailed analysis of the market structure along with forecast for the next 10 years of the various segments and sub-segments of the Global Metrology market.
- To provide insights about factors affecting the market growth.
- To Analyze the Metrology Market based on various factors-price analysis, supply chain analysis, porters five force analysis etc.
- To provide historical and forecast revenue of the market segments and sub-segments with respect to four main geographies and their countries- North America, Europe, Asia, and Rest of the World (ROW).
- To provide country level analysis of the market with respect to the current market size and future prospective.
- To provide country level analysis of the market for segment by type, by product, by End-users and sub-segments.
- To provide strategic profiling of key players in the market, comprehensively analyzing their core competencies, and drawing a competitive landscape for the market.
- To track and analyze competitive developments such as joint ventures, strategic alliances, mergers and acquisitions, new product developments, and research and developments in the Global Metrology market.

Americas

- North America
  - US
- Canada
- Latin America

Europe
The report for Metrology market of Market Research Future comprises of extensive primary research along with the detailed analysis of qualitative as well as quantitative aspects by various industry experts, key opinion leaders to gain the deeper insight of the market and industry performance. The report gives the clear picture of current market scenario which includes historical and projected market size in terms of value and volume, technological advancement, macro economical and governing factors in the market. The report provides details information and strategies of the top key players in the industry. The report also gives a broad study of the different market segments and regions.

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