

# Laser Interferometer Market 2025 Trends: Expected to Grow at a CAGR of 6.8% from 2022 to 2031, Claims AMR

*The heterodyne segment dominated the Laser Interferometer market, in terms of revenue, in 2021, and is expected to follow the same trend.*

WILMINGTON, DE, UNITED STATES, July 23, 2025 /EINPresswire.com/ -- According to the report published by Allied Market Research, the global [laser interferometer market](#) generated \$245.9 million in 2021,

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The laser interferometer market was valued at \$245.9 million in 2021, and is estimated to reach \$468.3 million by 2031, growing at a CAGR of 6.8% from 2022 to 2031.”

*Allied Market Research*

and is projected to reach \$468.3 million by 2031, growing at a CAGR of 6.8% from 2022 to 2031. The report offers a detailed analysis of the top winning strategies, evolving market trends, market size and estimations, value chain, key investment pockets, drivers & opportunities, competitive landscape, and regional landscape. The report is a useful source of information for new entrants, shareholders, frontrunners, and shareholders in introducing necessary strategies for the future and taking

essential steps to significantly strengthen and heighten their position in the market.

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The report offers a detailed segmentation of the global [laser interferometer](#) market based on type, application, end-user industry, and region. The report provides a comprehensive analysis of every segment and their respective sub-segment with the help of graphical and tabular representation. This analysis can essentially help market players, investors, and new entrants in determining and devising strategies based on the fastest-growing segments and highest revenue generation that is mentioned in the report.

Based on type, the homodyne segment held the major market share in 2021, holding nearly three-fifths of the global laser interferometer market share, and is expected to maintain its leadership status during the forecast period. Furthermore, the same segment, is expected to cite the fastest CAGR of 7.5% during the forecast period. The report also includes other segments such as heterodyne.

Based on application, the applied science and engineering segment held the largest market share in 2021, accounting for nearly four-fifths of the global laser interferometer market share, and is expected to maintain its leadership status during the forecast period. In addition, the same segment, is expected to cite the highest CAGR of 7.0% during the forecast period. The report also includes other segments such as surface topology, biomedical, and semiconductor detection.

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Based on end-user industry, the automotive segment held the major market share in 2021, contributing more than one-fourth of the global laser interferometer market share, and is expected to maintain its leadership position during the forecast period. Moreover, the same segment, on the other hand, is expected to cite the fastest CAGR of 7.7% during the forecast period. The report also includes segments such as aerospace and defense, industrial, life sciences, electronics manufacturing, and telecommunication.

Based on region, the market across the European region held the major market share in 2021, holding nearly two-fifths of the global laser interferometer market share and is expected to maintain its leadership status during the forecast period. However, the LAMEA laser interferometer market is expected to cite the fastest CAGR of 10.2% during the forecast period. The report also analyses other regions such as North America and the Asia-Pacific.

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The key players profiled in the report include Zeiss Group

SIOS Meßtechnik GmbH

Renishaw PLC

Keysight Technologies

AMETEK, Inc.

Mahr Inc.

TOSEI Engineering Corp

QED Technologies

MÖLLER-WEDEL Optical GmbH

SmarAct GmbH

Luna Innovations Incorporated

ÄPRE Instruments

4D Technology Corp.

TRIOPTICS GmbH

AdlOptica Optical Systems GmbH

Logitech Limited

Holmarc Opto-Mechatronics Ltd.

HighFinesse Laser and Electronics Systems GmbH

#### Key Benefits For Stakeholders

This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the laser interferometer market analysis from 2021 to 2031 to identify the prevailing laser interferometer market opportunities.

Market research is offered along with information related to key drivers, restraints, and opportunities.

Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders to make profit-oriented business decisions and strengthen their supplier-buyer network.

An in-depth analysis of the laser interferometer industry segmentation assists to determine the prevailing market opportunities.

Major countries in each region are mapped according to their revenue contribution to the global market.

Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.

The report includes an analysis of the regional as well as global laser interferometer market trends, key players, market segments, application areas, and market growth strategies.

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