

Global Inline Metrology Market Size study, by Offering (Hardware, Software, Services) by Product (Coordinate Measuring Machines, Machines Vision Systems, Optical Scanners) by Application (Quality Control and Inspection, Reverse Engineering, Others) by Industry (Automotive, Aerospace, Semiconductors, Energy & Power, Others) and Regional Forecasts 2021-2027

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Abstracts

Global Inline Metrology Market is valued approximately USD 0.39 billion in 2020 and is anticipated to grow with a healthy growth rate of more than 15.5 % over the forecast period 2021-2027. Inline metrology refers to automated, dependable, and non-destructive measurement results of moving materials and accessories on a manufacturing line. The advancing technology and bandwidth of manufacturing lines has necessitated the development of efficient performance control and quick inline metrology systems for data gathering and statistical data analysis. One of the major factors driving this extraordinary market growth is the increasing adoption of inline metrology in automobiles by automakers. For instance, Atlas Copco, a development company involving transforming solutions, acquired German QUISS (Qualitäts-Inspektionssysteme und Service) AG in August 2018. QUISS AG is a company that specializes in machine vision solutions for vendor evaluation and robot guidance, which are primarily used in the automotive industry. Rising demand for customized solutions in the 3D industry will drive the inline metrology market forward once more. Novacam Technologies devised a framework in January 2018 that delivers excellent, micron-precision, non-contact readings of bore inner diameter (ID) surfaces. BoreInspect is a 3D imaging system for automated borehole inspection that is defined as the maximum

low-coherence interferometry. However, there are significant costs associated with establishing inline metrology facilities and also inadequate knowledge of Inline Metrology Systems are factors that impede market growth during the forecast period. The operational complexity of highly developed inline metrology software products is a market challenge. Also, rising investment on R&D activities by multiple end user market segments to provide the interactive web 2.0 is creating more lucrative and financially rewarding inline metrology market growth opportunities.

APAC is regarded as the world's largest manufacturing center and is rapidly expanding as a massive hub for industrial automation. Because of the growing demands for automotive in these regions, countries such as India and China are the largest market factors that contribute to the inline metrology market. High per median spending and rapid urbanization and industrialization on a large scale are expected to create a massive void in quality assurance and monitoring of machines, which the inline metrology system is expected to fill. The presence of a large industrial base and adequate funding in the automotive R&D sectors are the factors that distinguish APAC as a distinct region while also helping to promote the market growth

Major market player included in this report are:

Hexagon AB
Carl Zeiss
Perceptron
ABB Group
KUKA
Nikon Metrology
AMETEK
LMI Technologies
Cognex
Jenoptik

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Offering:

Hardware
Software
Services

By Product:

Coordinate Measuring Machines
Machines Vision Systems
Optical Scanners

By Application:

Quality Control and Inspection
Reverse Engineering
Others

By Industry:

Automotive
Aerospace
Semiconductors
Energy & Power
Others

By Region:

North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific

China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil

Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019
Base year – 2020
Forecast period – 2021 to 2027

Target Audience of the Global Inline Metrology Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Inline Metrology Market, by Region, 2019-2027 (USD Billion)
 - 1.2.2. Inline Metrology Market, by Offering, 2019-2027 (USD Billion)
 - 1.2.3. Inline Metrology Market, by Product, 2019-2027 (USD Billion)
 - 1.2.4. Inline Metrology Market, by Application, 2019-2027 (USD Billion)
 - 1.2.5. Inline Metrology Market, by Industry, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL INLINE METROLOGY MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL INLINE METROLOGY MARKET DYNAMICS

- 3.1. Inline Metrology Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Technological Advancement
 - 3.1.1.2. Rising adoption in automobiles
 - 3.1.1.3. Rising demand for customized solution
 - 3.1.2. Market Challenges
 - 3.1.2.1. Inadequate knowledge
 - 3.1.2.2. Operational complexity
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Increasing investments on R&D

CHAPTER 4. GLOBAL INLINE METROLOGY MARKET INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes
 - 4.1.5. Competitive Rivalry
 - 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL INLINE METROLOGY MARKET, BY OFFERING

- 5.1. Market Snapshot
- 5.2. Global Inline Metrology Market by Offering, Performance - Potential Analysis
- 5.3. Global Inline Metrology Market Estimates & Forecasts by Offering 2018-2027 (USD Billion)
- 5.4. Inline Metrology Market, Sub Segment Analysis
 - 5.4.1. Hardware
 - 5.4.2. Software
 - 5.4.3. Services

CHAPTER 6. GLOBAL INLINE METROLOGY MARKET, BY PRODUCT

- 6.1. Market Snapshot
- 6.2. Global Inline Metrology Market by Product, Performance - Potential Analysis
- 6.3. Global Inline Metrology Market Estimates & Forecasts by Product 2018-2027 (USD Billion)
- 6.4. Inline Metrology Market, Sub Segment Analysis
 - 6.4.1. Coordinate Measuring Machines
 - 6.4.2. Machine Vision Systems
 - 6.4.3. Optical Scanners

CHAPTER 7. GLOBAL INLINE METROLOGY MARKET, BY APPLICATION

- 7.1. Market Snapshot
- 7.2. Global Inline Metrology Market by Application, Performance - Potential Analysis
- 7.3. Global Inline Metrology Market Estimates & Forecasts by Application 2018-2027 (USD Billion)
- 7.4. Inline Metrology Market, Sub Segment Analysis
 - 7.4.1. Quality Control and Inspection
 - 7.4.2. Reverse Engineering
 - 7.4.3. Others

CHAPTER 8. GLOBAL INLINE METROLOGY MARKET, BY INDUSTRY

- 8.1. Market Snapshot
- 8.2. Global Inline Metrology Market by Industry , Performance - Potential Analysis
- 8.3. Global Inline Metrology Market Estimates & Forecasts by Industry 2018-2027 (USD Billion)
- 8.4. Inline Metrology Market, Sub Segment Analysis
 - 8.4.1. Automotive
 - 8.4.2. Aerospace
 - 8.4.3. Semiconductors
 - 8.4.4. Energy & Power
 - 8.4.5. Others

CHAPTER 9. GLOBAL INLINE METROLOGY MARKET, REGIONAL ANALYSIS

- 9.1. Inline Metrology Market, Regional Market Snapshot
- 9.2. North America Inline Metrology Market
 - 9.2.1. U.S. Inline Metrology Market
 - 9.2.1.1. Offering breakdown estimates & forecasts, 2018-2027
 - 9.2.1.2. Product breakdown estimates & forecasts, 2018-2027
 - 9.2.1.3. Application breakdown estimates & forecasts, 2018-2027
 - 9.2.1.4. Industry breakdown estimates & forecasts, 2018-2027
 - 9.2.2. Canada Inline Metrology Market
- 9.3. Europe Inline Metrology Market Snapshot
 - 9.3.1. U.K. Inline Metrology Market
 - 9.3.2. Germany Inline Metrology Market
 - 9.3.3. France Inline Metrology Market
 - 9.3.4. Spain Inline Metrology Market
 - 9.3.5. Italy Inline Metrology Market
 - 9.3.6. Rest of Europe Inline Metrology Market

- 9.4. Asia-Pacific Inline Metrology Market Snapshot
 - 9.4.1. China Inline Metrology Market
 - 9.4.2. India Inline Metrology Market
 - 9.4.3. Japan Inline Metrology Market
 - 9.4.4. Australia Inline Metrology Market
 - 9.4.5. South Korea Inline Metrology Market
 - 9.4.6. Rest of Asia Pacific Inline Metrology Market
- 9.5. Latin America Inline Metrology Market Snapshot
 - 9.5.1. Brazil Inline Metrology Market
 - 9.5.2. Mexico Inline Metrology Market
- 9.6. Rest of The World Inline Metrology Market

CHAPTER 10. COMPETITIVE INTELLIGENCE

- 10.1. Top Market Strategies
- 10.2. Company Profiles
 - 10.2.1. Hexagon
 - 10.2.1.1. Key Information
 - 10.2.1.2. Overview
 - 10.2.1.3. Financial (Subject to Data Availability)
 - 10.2.1.4. Product Summary
 - 10.2.1.5. Recent Developments
 - 10.2.2. Carl Zeiss
 - 10.2.3. Perceptron
 - 10.2.4. ABB Group
 - 10.2.5. KUKA
 - 10.2.6. Nikon Metrology
 - 10.2.7. AMRTEK
 - 10.2.8. LMI Technologies
 - 10.2.9. Cognex
 - 10.2.10. Jenoptik

CHAPTER 11. RESEARCH PROCESS

- 11.1. Research Process
 - 11.1.1. Data Mining
 - 11.1.2. Analysis
 - 11.1.3. Market Estimation
 - 11.1.4. Validation

- 11.1.5. Publishing
- 11.2. Research Attributes
- 11.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Inline Metrology market, report scope

TABLE 2. Global Inline Metrology market estimates & forecasts by Region 2018-2027 (USD Billion)

TABLE 3. Global Inline Metrology market estimates & forecasts by Offering 2018-2027 (USD Billion)

TABLE 4. Global Inline Metrology market estimates & forecasts by Product 2018-2027 (USD Billion)

TABLE 5. Global Inline Metrology market estimates & forecasts by Application 2018-2027 (USD Billion)

TABLE 6. Global Inline Metrology market estimates & forecasts by Industry 2018-2027 (USD Billion)

TABLE 7. Global Inline Metrology market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 8. Global Inline Metrology market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 9. Global Inline Metrology market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 10. Global Inline Metrology market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 11. Global Inline Metrology market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 12. Global Inline Metrology market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 13. Global Inline Metrology market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 14. Global Inline Metrology market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 15. Global Inline Metrology market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 16. Global Inline Metrology market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 17. U.S. Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 18. U.S. Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 19. U.S. Inline Metrology market estimates & forecasts by segment 2018-2027

(USD Billion)

TABLE 20. Canada Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. Canada Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 22. Canada Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. UK Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 24. UK Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 25. UK Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Germany Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 27. Germany Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 28. Germany Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. RoE Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 30. RoE Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 31. RoE Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. China Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 33. China Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 34. China Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. India Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 36. India Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 37. India Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Japan Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 39. Japan Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 40. Japan Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. RoAPAC Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 42. RoAPAC Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 43. RoAPAC Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. Brazil Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 45. Brazil Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 46. Brazil Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. Mexico Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 48. Mexico Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 49. Mexico Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. RoLA Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 51. RoLA Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 52. RoLA Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Row Inline Metrology market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 54. Row Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 55. Row Inline Metrology market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. List of secondary sources, used in the study of global Inline Metrology market

TABLE 57. List of primary sources, used in the study of global Inline Metrology market

TABLE 58. Years considered for the study

TABLE 59. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Inline Metrology market, research methodology
- FIG 2. Global Inline Metrology market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Inline Metrology market, key trends 2020
- FIG 5. Global Inline Metrology market, growth prospects 2021-2027
- FIG 6. Global Inline Metrology market, porters 5 force model
- FIG 7. Global Inline Metrology market, pest analysis
- FIG 8. Global Inline Metrology market, value chain analysis
- FIG 9. Global Inline Metrology market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Inline Metrology market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Inline Metrology market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Inline Metrology market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Inline Metrology market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Inline Metrology market, regional snapshot 2018 & 2027
- FIG 15. North America Inline Metrology market 2018 & 2027 (USD Billion)
- FIG 16. Europe Inline Metrology market 2018 & 2027 (USD Billion)
- FIG 17. Asia pacific Inline Metrology market 2018 & 2027 (USD Billion)
- FIG 18. Latin America Inline Metrology market 2018 & 2027 (USD Billion)
- FIG 19. Global Inline Metrology market, company market share analysis (2020)

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