

Global 3D Metrology Market Size, Manufacturers, Opportunities and Forecast to 2030

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Abstracts

Summary

3D Metrology refers to 3D Metrology Equipment. The 3D Metrology Equipment is the dimensional analysis method used to overall measure the object and acquires all surface points of an object including the hidden points such as non-accessible undercuts. The 3D Metrology Equipment is divided into fixed coordinate measuring machines (CMM), optical digitizers and scanners (ODS), and 3D video measuring machines (VMM) by product. These products are used in the quality control process to ensure the accuracy of manufactured products. They are widely used in the industries such as automotive, aerospace, transportation, constructional, power generation, electronics, medical technology and others.

According to APO Research, The global 3D Metrology market was estimated at US\$ million in 2023 and is projected to reach a revised size of US\$ million by 2030, witnessing a CAGR of xx% during the forecast period 2024-2030.

North American market for 3D Metrology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Asia-Pacific market for 3D Metrology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

Europe market for 3D Metrology is estimated to increase from \$ million in 2024 to reach \$ million by 2030, at a CAGR of % during the forecast period of 2025 through 2030.

The major global manufacturers of 3D Metrology include Hexagon, Zeiss, Mitutoyo, Nikon Metrology, Tokyo Seimitsu, Keyence, FARO, GOM and Werth, etc. In 2023, the world's top three vendors accounted for approximately % of the revenue.

Report Scope

This report aims to provide a comprehensive presentation of the global market for 3D Metrology, with both quantitative and qualitative analysis, to help readers develop business/growth strategies, assess the market competitive situation, analyze their position in the current marketplace, and make informed business decisions regarding 3D Metrology.

The 3D Metrology market size, estimations, and forecasts are provided in terms of sales volume (Units) and revenue (\$ millions), considering 2023 as the base year, with history and forecast data for the period from 2019 to 2030. This report segments the global 3D Metrology market comprehensively. Regional market sizes, concerning products by Type, by Application, and by players, are also provided. For a more in-depth understanding of the market, the report provides profiles of the competitive landscape, key competitors, and their respective market ranks. The report also discusses technological trends and new product developments.

Key Companies & Market Share Insights

In this section, the readers will gain an understanding of the key players competing. This report has studied the key growth strategies, such as innovative trends and developments, intensification of product portfolio, mergers and acquisitions, collaborations, new product innovation, and geographical expansion, undertaken by these participants to maintain their presence. Apart from business strategies, the study includes current developments and key financials. The readers will also get access to the data related to global revenue, price, and sales by manufacturers for the period 2019-2024. This all-inclusive report will certainly serve the clients to stay updated and make effective decisions in their businesses. Some of the prominent players reviewed in the research report include:

Hexagon

Zeiss

Mitutoyo

Nikon Metrology

Tokyo Seimitsu

Keyence

FARO

GOM

Werth

Wenzel

Perceptron

Zygo

Renishaw

Aberlink

TZTek

Bruker Alicona

3D Metrology segment by Type

CMM

ODS

VMM

3D Metrology segment by Application

Automotive

Aerospace

Construction

Power

Medical

Others

3D Metrology Segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global 3D Metrology market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of 3D Metrology and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of 3D Metrology.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 2: Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 3: Detailed analysis of 3D Metrology manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4: Sales, revenue of 3D Metrology in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market space in the world.

Chapter 5: Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, Latin America, Middle East & Africa.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, Latin America, Middle East & Africa, sales and revenue by country.

Chapter 12: Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13: Concluding Insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global 3D Metrology Market Size Estimates and Forecasts (2019-2030)
 - 1.2.2 Global 3D Metrology Sales Estimates and Forecasts (2019-2030)
- 1.3 3D Metrology Market by Type
 - 1.3.1 CMM
 - 1.3.2 ODS
 - 1.3.3 VMM
- 1.4 Global 3D Metrology Market Size by Type
 - 1.4.1 Global 3D Metrology Market Size Overview by Type (2019-2030)
 - 1.4.2 Global 3D Metrology Historic Market Size Review by Type (2019-2024)
 - 1.4.3 Global 3D Metrology Forecasted Market Size by Type (2025-2030)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America 3D Metrology Sales Breakdown by Type (2019-2024)
 - 1.5.2 Europe 3D Metrology Sales Breakdown by Type (2019-2024)
 - 1.5.3 Asia-Pacific 3D Metrology Sales Breakdown by Type (2019-2024)
 - 1.5.4 Latin America 3D Metrology Sales Breakdown by Type (2019-2024)
 - 1.5.5 Middle East and Africa 3D Metrology Sales Breakdown by Type (2019-2024)

2 GLOBAL MARKET DYNAMICS

- 2.1 3D Metrology Industry Trends
- 2.2 3D Metrology Industry Drivers
- 2.3 3D Metrology Industry Opportunities and Challenges
- 2.4 3D Metrology Industry Restraints

3 MARKET COMPETITIVE LANDSCAPE BY COMPANY

- 3.1 Global Top Players by 3D Metrology Revenue (2019-2024)
- 3.2 Global Top Players by 3D Metrology Sales (2019-2024)
- 3.3 Global Top Players by 3D Metrology Price (2019-2024)
- 3.4 Global 3D Metrology Industry Company Ranking, 2022 VS 2023 VS 2024
- 3.5 Global 3D Metrology Key Company Manufacturing Sites & Headquarters
- 3.6 Global 3D Metrology Company, Product Type & Application
- 3.7 Global 3D Metrology Company Commercialization Time

3.8 Market Competitive Analysis

3.8.1 Global 3D Metrology Market CR5 and HHI

3.8.2 Global Top 5 and 10 3D Metrology Players Market Share by Revenue in 2023

3.8.3 2023 3D Metrology Tier 1, Tier 2, and Tier

4 3D METROLOGY REGIONAL STATUS AND OUTLOOK

4.1 Global 3D Metrology Market Size and CAGR by Region: 2019 VS 2023 VS 2030

4.2 Global 3D Metrology Historic Market Size by Region

4.2.1 Global 3D Metrology Sales in Volume by Region (2019-2024)

4.2.2 Global 3D Metrology Sales in Value by Region (2019-2024)

4.2.3 Global 3D Metrology Sales (Volume & Value), Price and Gross Margin (2019-2024)

4.3 Global 3D Metrology Forecasted Market Size by Region

4.3.1 Global 3D Metrology Sales in Volume by Region (2025-2030)

4.3.2 Global 3D Metrology Sales in Value by Region (2025-2030)

4.3.3 Global 3D Metrology Sales (Volume & Value), Price and Gross Margin (2025-2030)

5 3D METROLOGY BY APPLICATION

5.1 3D Metrology Market by Application

5.1.1 Automotive

5.1.2 Aerospace

5.1.3 Construction

5.1.4 Power

5.1.5 Medical

5.1.6 Others

5.2 Global 3D Metrology Market Size by Application

5.2.1 Global 3D Metrology Market Size Overview by Application (2019-2030)

5.2.2 Global 3D Metrology Historic Market Size Review by Application (2019-2024)

5.2.3 Global 3D Metrology Forecasted Market Size by Application (2025-2030)

5.3 Key Regions Market Size by Application

5.3.1 North America 3D Metrology Sales Breakdown by Application (2019-2024)

5.3.2 Europe 3D Metrology Sales Breakdown by Application (2019-2024)

5.3.3 Asia-Pacific 3D Metrology Sales Breakdown by Application (2019-2024)

5.3.4 Latin America 3D Metrology Sales Breakdown by Application (2019-2024)

5.3.5 Middle East and Africa 3D Metrology Sales Breakdown by Application (2019-2024)

6 COMPANY PROFILES

6.1 Hexagon

- 6.1.1 Hexagon Comapny Information
- 6.1.2 Hexagon Business Overview
- 6.1.3 Hexagon 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.1.4 Hexagon 3D Metrology Product Portfolio
- 6.1.5 Hexagon Recent Developments

6.2 Zeiss

- 6.2.1 Zeiss Comapny Information
- 6.2.2 Zeiss Business Overview
- 6.2.3 Zeiss 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.2.4 Zeiss 3D Metrology Product Portfolio
- 6.2.5 Zeiss Recent Developments

6.3 Mitutoyo

- 6.3.1 Mitutoyo Comapny Information
- 6.3.2 Mitutoyo Business Overview
- 6.3.3 Mitutoyo 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.3.4 Mitutoyo 3D Metrology Product Portfolio
- 6.3.5 Mitutoyo Recent Developments

6.4 Nikon Metrology

- 6.4.1 Nikon Metrology Comapny Information
- 6.4.2 Nikon Metrology Business Overview
- 6.4.3 Nikon Metrology 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.4.4 Nikon Metrology 3D Metrology Product Portfolio
- 6.4.5 Nikon Metrology Recent Developments

6.5 Tokyo Seimitsu

- 6.5.1 Tokyo Seimitsu Comapny Information
- 6.5.2 Tokyo Seimitsu Business Overview
- 6.5.3 Tokyo Seimitsu 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.5.4 Tokyo Seimitsu 3D Metrology Product Portfolio
- 6.5.5 Tokyo Seimitsu Recent Developments

6.6 Keyence

- 6.6.1 Keyence Comapny Information
- 6.6.2 Keyence Business Overview
- 6.6.3 Keyence 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.6.4 Keyence 3D Metrology Product Portfolio
- 6.6.5 Keyence Recent Developments

6.7 FARO

6.7.1 FARO Company Information

6.7.2 FARO Business Overview

6.7.3 FARO 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.7.4 FARO 3D Metrology Product Portfolio

6.7.5 FARO Recent Developments

6.8 GOM

6.8.1 GOM Company Information

6.8.2 GOM Business Overview

6.8.3 GOM 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.8.4 GOM 3D Metrology Product Portfolio

6.8.5 GOM Recent Developments

6.9 Werth

6.9.1 Werth Company Information

6.9.2 Werth Business Overview

6.9.3 Werth 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.9.4 Werth 3D Metrology Product Portfolio

6.9.5 Werth Recent Developments

6.10 Wenzel

6.10.1 Wenzel Company Information

6.10.2 Wenzel Business Overview

6.10.3 Wenzel 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.10.4 Wenzel 3D Metrology Product Portfolio

6.10.5 Wenzel Recent Developments

6.11 Perceptron

6.11.1 Perceptron Company Information

6.11.2 Perceptron Business Overview

6.11.3 Perceptron 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.11.4 Perceptron 3D Metrology Product Portfolio

6.11.5 Perceptron Recent Developments

6.12 Zygo

6.12.1 Zygo Company Information

6.12.2 Zygo Business Overview

6.12.3 Zygo 3D Metrology Sales, Revenue and Gross Margin (2019-2024)

6.12.4 Zygo 3D Metrology Product Portfolio

6.12.5 Zygo Recent Developments

6.13 Renishaw

6.13.1 Renishaw Company Information

6.13.2 Renishaw Business Overview

- 6.13.3 Renishaw 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
- 6.13.4 Renishaw 3D Metrology Product Portfolio
- 6.13.5 Renishaw Recent Developments
- 6.14 Aberlink
 - 6.14.1 Aberlink Company Information
 - 6.14.2 Aberlink Business Overview
 - 6.14.3 Aberlink 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
 - 6.14.4 Aberlink 3D Metrology Product Portfolio
 - 6.14.5 Aberlink Recent Developments
- 6.15 TZTek
 - 6.15.1 TZTek Company Information
 - 6.15.2 TZTek Business Overview
 - 6.15.3 TZTek 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
 - 6.15.4 TZTek 3D Metrology Product Portfolio
 - 6.15.5 TZTek Recent Developments
- 6.16 Bruker Alicona
 - 6.16.1 Bruker Alicona Company Information
 - 6.16.2 Bruker Alicona Business Overview
 - 6.16.3 Bruker Alicona 3D Metrology Sales, Revenue and Gross Margin (2019-2024)
 - 6.16.4 Bruker Alicona 3D Metrology Product Portfolio
 - 6.16.5 Bruker Alicona Recent Developments

7 NORTH AMERICA BY COUNTRY

- 7.1 North America 3D Metrology Sales by Country
 - 7.1.1 North America 3D Metrology Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 7.1.2 North America 3D Metrology Sales by Country (2019-2024)
 - 7.1.3 North America 3D Metrology Sales Forecast by Country (2025-2030)
- 7.2 North America 3D Metrology Market Size by Country
 - 7.2.1 North America 3D Metrology Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030
 - 7.2.2 North America 3D Metrology Market Size by Country (2019-2024)
 - 7.2.3 North America 3D Metrology Market Size Forecast by Country (2025-2030)

8 EUROPE BY COUNTRY

- 8.1 Europe 3D Metrology Sales by Country
 - 8.1.1 Europe 3D Metrology Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS

2030

8.1.2 Europe 3D Metrology Sales by Country (2019-2024)

8.1.3 Europe 3D Metrology Sales Forecast by Country (2025-2030)

8.2 Europe 3D Metrology Market Size by Country

8.2.1 Europe 3D Metrology Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

8.2.2 Europe 3D Metrology Market Size by Country (2019-2024)

8.2.3 Europe 3D Metrology Market Size Forecast by Country (2025-2030)

9 ASIA-PACIFIC BY COUNTRY

9.1 Asia-Pacific 3D Metrology Sales by Country

9.1.1 Asia-Pacific 3D Metrology Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.1.2 Asia-Pacific 3D Metrology Sales by Country (2019-2024)

9.1.3 Asia-Pacific 3D Metrology Sales Forecast by Country (2025-2030)

9.2 Asia-Pacific 3D Metrology Market Size by Country

9.2.1 Asia-Pacific 3D Metrology Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

9.2.2 Asia-Pacific 3D Metrology Market Size by Country (2019-2024)

9.2.3 Asia-Pacific 3D Metrology Market Size Forecast by Country (2025-2030)

10 LATIN AMERICA BY COUNTRY

10.1 Latin America 3D Metrology Sales by Country

10.1.1 Latin America 3D Metrology Sales Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.1.2 Latin America 3D Metrology Sales by Country (2019-2024)

10.1.3 Latin America 3D Metrology Sales Forecast by Country (2025-2030)

10.2 Latin America 3D Metrology Market Size by Country

10.2.1 Latin America 3D Metrology Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

10.2.2 Latin America 3D Metrology Market Size by Country (2019-2024)

10.2.3 Latin America 3D Metrology Market Size Forecast by Country (2025-2030)

11 MIDDLE EAST AND AFRICA BY COUNTRY

11.1 Middle East and Africa 3D Metrology Sales by Country

11.1.1 Middle East and Africa 3D Metrology Sales Growth Rate (CAGR) by Country:

2019 VS 2023 VS 2030

11.1.2 Middle East and Africa 3D Metrology Sales by Country (2019-2024)

11.1.3 Middle East and Africa 3D Metrology Sales Forecast by Country (2025-2030)

11.2 Middle East and Africa 3D Metrology Market Size by Country

11.2.1 Middle East and Africa 3D Metrology Market Size Growth Rate (CAGR) by Country: 2019 VS 2023 VS 2030

11.2.2 Middle East and Africa 3D Metrology Market Size by Country (2019-2024)

11.2.3 Middle East and Africa 3D Metrology Market Size Forecast by Country (2025-2030)

12 VALUE CHAIN AND SALES CHANNELS ANALYSIS

12.1 3D Metrology Value Chain Analysis

12.1.1 3D Metrology Key Raw Materials

12.1.2 Key Raw Materials Price

12.1.3 Raw Materials Key Suppliers

12.1.4 Manufacturing Cost Structure

12.1.5 3D Metrology Production Mode & Process

12.2 3D Metrology Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 3D Metrology Distributors

12.2.3 3D Metrology Customers

13 CONCLUDING INSIGHTS

14 APPENDIX

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. Major Company of CMM
- Table 2. Major Company of ODS
- Table 3. Major Company of VMM
- Table 4. Global 3D Metrology Sales by Type (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 5. Global 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 6. Global 3D Metrology Sales Market Share in Volume by Type (2019-2024)
- Table 7. Global 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 8. Global 3D Metrology Sales Market Share in Value by Type (2019-2024)
- Table 9. Global 3D Metrology Price by Type (2019-2024) & (K USD/Unit)
- Table 10. Global 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 11. Global 3D Metrology Sales Market Share in Volume by Type (2025-2030)
- Table 12. Global 3D Metrology Sales by Type (2025-2030) & (US\$ Million)
- Table 13. Global 3D Metrology Sales Market Share in Value by Type (2025-2030)
- Table 14. Global 3D Metrology Price by Type (2025-2030) & (K USD/Unit)
- Table 15. North America 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 16. North America 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 17. Europe 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 18. Europe 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 19. Asia-Pacific 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 20. Asia-Pacific 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 21. Latin America 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 22. Latin America 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 23. Middle East and Africa 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 24. Middle East and Africa 3D Metrology Sales by Type (2019-2024) & (US\$ Million)
- Table 25. 3D Metrology Industry Trends
- Table 26. 3D Metrology Industry Drivers
- Table 27. 3D Metrology Industry Opportunities and Challenges
- Table 28. 3D Metrology Industry Restraints
- Table 29. Global 3D Metrology Sales Revenue by Company (US\$ Million) & (2019-2024)
- Table 30. Global 3D Metrology Revenue Market Share by Company (2019-2024)
- Table 31. Global 3D Metrology Sales by Company (2019-2024) & (Units)
- Table 32. Global 3D Metrology Sales Share by Company (2019-2024)
- Table 33. Global 3D Metrology Market Price by Company (2019-2024) & (K USD/Unit)

Table 34. Global 3D Metrology Industry Company Ranking, 2022 VS 2023 VS 2024

Table 35. Global 3D Metrology Key Company Manufacturing Sites & Headquarters

Table 36. Global 3D Metrology Company, Product Type & Application

Table 37. Global 3D Metrology Company Commercialization Time

Table 38. Global Company Market Concentration Ratio (CR5 and HHI)

Table 39. Global 3D Metrology by Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)

Table 40. Global 3D Metrology Market Size Comparison by Region (US\$ Million): 2019 VS 2023 VS 2030

Table 41. Global 3D Metrology Sales by Region (2019-2024) & (Units)

Table 42. Global 3D Metrology Sales Market Share in Volume by Region (2019-2024)

Table 43. Global 3D Metrology Sales by Region (2019-2024) & (US\$ Million)

Table 44. Global 3D Metrology Sales Market Share in Value by Region (2019-2024)

Table 45. Global 3D Metrology Sales (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 46. Global 3D Metrology Sales by Region (2025-2030) & (Units)

Table 47. Global 3D Metrology Sales Market Share in Volume by Region (2025-2030)

Table 48. Global 3D Metrology Sales by Region (2025-2030) & (US\$ Million)

Table 49. Global 3D Metrology Sales Market Share in Value by Region (2025-2030)

Table 50. Global 3D Metrology Sales (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2025-2030)

Table 51. Global 3D Metrology Sales by Application (2019 VS 2023 VS 2030) & (US\$ Million)

Table 52. Global 3D Metrology Sales by Application (2019-2024) & (Units)

Table 53. Global 3D Metrology Sales Market Share in Volume by Application (2019-2024)

Table 54. Global 3D Metrology Sales by Application (2019-2024) & (US\$ Million)

Table 55. Global 3D Metrology Sales Market Share in Value by Application (2019-2024)

Table 56. Global 3D Metrology Price by Application (2019-2024) & (K USD/Unit)

Table 57. Global 3D Metrology Sales by Application (2025-2030) & (Units)

Table 58. Global 3D Metrology Sales Market Share in Volume by Application (2025-2030)

Table 59. Global 3D Metrology Sales by Application (2025-2030) & (US\$ Million)

Table 60. Global 3D Metrology Sales Market Share in Value by Application (2025-2030)

Table 61. Global 3D Metrology Price by Application (2025-2030) & (K USD/Unit)

Table 62. North America 3D Metrology Sales by Application (2019-2024) & (Units)

Table 63. North America 3D Metrology Sales by Application (2019-2024) & (US\$ Million)

Table 64. Europe 3D Metrology Sales by Application (2019-2024) & (Units)

- Table 65. Europe 3D Metrology Sales by Application (2019-2024) & (US\$ Million)
- Table 66. Asia-Pacific 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 67. Asia-Pacific 3D Metrology Sales by Application (2019-2024) & (US\$ Million)
- Table 68. Latin America 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 69. Latin America 3D Metrology Sales by Application (2019-2024) & (US\$ Million)
- Table 70. Middle East and Africa 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 71. Middle East and Africa 3D Metrology Sales by Application (2019-2024) & (US\$ Million)
- Table 72. Hexagon Company Information
- Table 73. Hexagon Business Overview
- Table 74. Hexagon 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 75. Hexagon 3D Metrology Product Portfolio
- Table 76. Hexagon Recent Development
- Table 77. Zeiss Company Information
- Table 78. Zeiss Business Overview
- Table 79. Zeiss 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 80. Zeiss 3D Metrology Product Portfolio
- Table 81. Zeiss Recent Development
- Table 82. Mitutoyo Company Information
- Table 83. Mitutoyo Business Overview
- Table 84. Mitutoyo 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 85. Mitutoyo 3D Metrology Product Portfolio
- Table 86. Mitutoyo Recent Development
- Table 87. Nikon Metrology Company Information
- Table 88. Nikon Metrology Business Overview
- Table 89. Nikon Metrology 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 90. Nikon Metrology 3D Metrology Product Portfolio
- Table 91. Nikon Metrology Recent Development
- Table 92. Tokyo Seimitsu Company Information
- Table 93. Tokyo Seimitsu Business Overview
- Table 94. Tokyo Seimitsu 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 95. Tokyo Seimitsu 3D Metrology Product Portfolio
- Table 96. Tokyo Seimitsu Recent Development

- Table 97. Keyence Company Information
- Table 98. Keyence Business Overview
- Table 99. Keyence 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 100. Keyence 3D Metrology Product Portfolio
- Table 101. Keyence Recent Development
- Table 102. FARO Company Information
- Table 103. FARO Business Overview
- Table 104. FARO 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 105. FARO 3D Metrology Product Portfolio
- Table 106. FARO Recent Development
- Table 107. GOM Company Information
- Table 108. GOM Business Overview
- Table 109. GOM 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 110. GOM 3D Metrology Product Portfolio
- Table 111. GOM Recent Development
- Table 112. Werth Company Information
- Table 113. Werth Business Overview
- Table 114. Werth 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 115. Werth 3D Metrology Product Portfolio
- Table 116. Werth Recent Development
- Table 117. Wenzel Company Information
- Table 118. Wenzel Business Overview
- Table 119. Wenzel 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 120. Wenzel 3D Metrology Product Portfolio
- Table 121. Wenzel Recent Development
- Table 122. Perceptron Company Information
- Table 123. Perceptron Business Overview
- Table 124. Perceptron 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 125. Perceptron 3D Metrology Product Portfolio
- Table 126. Perceptron Recent Development
- Table 127. Zygo Company Information
- Table 128. Zygo Business Overview
- Table 129. Zygo 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit)

and Gross Margin (2019-2024)

Table 130. Zygo 3D Metrology Product Portfolio

Table 131. Zygo Recent Development

Table 132. Renishaw Company Information

Table 133. Renishaw Business Overview

Table 134. Renishaw 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 135. Renishaw 3D Metrology Product Portfolio

Table 136. Renishaw Recent Development

Table 137. Aberlink Company Information

Table 138. Aberlink Business Overview

Table 139. Aberlink 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 140. Aberlink 3D Metrology Product Portfolio

Table 141. Aberlink Recent Development

Table 142. TZTek Company Information

Table 143. TZTek Business Overview

Table 144. TZTek 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 145. TZTek 3D Metrology Product Portfolio

Table 146. TZTek Recent Development

Table 147. Bruker Alicona Company Information

Table 148. Bruker Alicona Business Overview

Table 149. Bruker Alicona 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 150. Bruker Alicona 3D Metrology Product Portfolio

Table 151. Bruker Alicona Recent Development

Table 152. North America 3D Metrology Market Size Growth Rate (CAGR) by Country (Units): 2019 VS 2023 VS 2030

Table 153. North America 3D Metrology Sales by Country (2019-2024) & (Units)

Table 154. North America 3D Metrology Sales Market Share by Country (2019-2024)

Table 155. North America 3D Metrology Sales Forecast by Country (2025-2030) & (Units)

Table 156. North America 3D Metrology Sales Market Share Forecast by Country (2025-2030)

Table 157. North America 3D Metrology Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 158. North America 3D Metrology Market Size by Country (2019-2024) & (US\$ Million)

- Table 159. North America 3D Metrology Market Share by Country (2019-2024)
- Table 160. North America 3D Metrology Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 161. North America 3D Metrology Market Share Forecast by Country (2025-2030)
- Table 162. Europe 3D Metrology Market Size Growth Rate (CAGR) by Country (Units): 2019 VS 2023 VS 2030
- Table 163. Europe 3D Metrology Sales by Country (2019-2024) & (Units)
- Table 164. Europe 3D Metrology Sales Market Share by Country (2019-2024)
- Table 165. Europe 3D Metrology Sales Forecast by Country (2025-2030) & (Units)
- Table 166. Europe 3D Metrology Sales Market Share Forecast by Country (2025-2030)
- Table 167. Europe 3D Metrology Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030
- Table 168. Europe 3D Metrology Market Size by Country (2019-2024) & (US\$ Million)
- Table 169. Europe 3D Metrology Market Share by Country (2019-2024)
- Table 170. Europe 3D Metrology Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 171. Europe 3D Metrology Market Share Forecast by Country (2025-2030)
- Table 172. Asia-Pacific 3D Metrology Market Size Growth Rate (CAGR) by Country (Units): 2019 VS 2023 VS 2030
- Table 173. Asia-Pacific 3D Metrology Sales by Country (2019-2024) & (Units)
- Table 174. Asia-Pacific 3D Metrology Sales Market Share by Country (2019-2024)
- Table 175. Asia-Pacific 3D Metrology Sales Forecast by Country (2025-2030) & (Units)
- Table 176. Asia-Pacific 3D Metrology Sales Market Share Forecast by Country (2025-2030)
- Table 177. Asia-Pacific 3D Metrology Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030
- Table 178. Asia-Pacific 3D Metrology Market Size by Country (2019-2024) & (US\$ Million)
- Table 179. Asia-Pacific 3D Metrology Market Share by Country (2019-2024)
- Table 180. Asia-Pacific 3D Metrology Market Size Forecast by Country (2025-2030) & (US\$ Million)
- Table 181. Asia-Pacific 3D Metrology Market Share Forecast by Country (2025-2030)
- Table 182. Latin America 3D Metrology Market Size Growth Rate (CAGR) by Country (Units): 2019 VS 2023 VS 2030
- Table 183. Latin America 3D Metrology Sales by Country (2019-2024) & (Units)
- Table 184. Latin America 3D Metrology Sales Market Share by Country (2019-2024)
- Table 185. Latin America 3D Metrology Sales Forecast by Country (2025-2030) & (Units)
- Table 186. Latin America 3D Metrology Sales Market Share Forecast by Country

(2025-2030)

Table 187. Latin America 3D Metrology Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 188. Latin America 3D Metrology Market Size by Country (2019-2024) & (US\$ Million)

Table 189. Latin America 3D Metrology Market Share by Country (2019-2024)

Table 190. Latin America 3D Metrology Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 191. Latin America 3D Metrology Market Share Forecast by Country (2025-2030)

Table 192. Middle East and Africa 3D Metrology Market Size Growth Rate (CAGR) by Country (Units): 2019 VS 2023 VS 2030

Table 193. Middle East and Africa 3D Metrology Sales by Country (2019-2024) & (Units)

Table 194. Middle East and Africa 3D Metrology Sales Market Share by Country (2019-2024)

Table 195. Middle East and Africa 3D Metrology Sales Forecast by Country (2025-2030) & (Units)

Table 196. Middle East and Africa 3D Metrology Sales Market Share Forecast by Country (2025-2030)

Table 197. Middle East and Africa 3D Metrology Market Size Growth Rate (CAGR) by Country (US\$ Million): 2019 VS 2023 VS 2030

Table 198. Middle East and Africa 3D Metrology Market Size by Country (2019-2024) & (US\$ Million)

Table 199. Middle East and Africa 3D Metrology Market Share by Country (2019-2024)

Table 200. Middle East and Africa 3D Metrology Market Size Forecast by Country (2025-2030) & (US\$ Million)

Table 201. Middle East and Africa 3D Metrology Market Share Forecast by Country (2025-2030)

Table 202. Key Raw Materials

Table 203. Raw Materials Key Suppliers

Table 204. 3D Metrology Distributors List

Table 205. 3D Metrology Customers List

Table 206. Research Programs/Design for This Report

Table 207. Authors List of This Report

Table 208. Secondary Sources

Table 209. Primary Sources

List Of Figures

LIST OF FIGURES

- Figure 1. 3D Metrology Product Picture
- Figure 2. Global 3D Metrology Market Size (US\$ Million), 2019 VS 2023 VS 2030
- Figure 3. Global 3D Metrology Market Size (2019-2030) & (US\$ Million)
- Figure 4. Global 3D Metrology Sales (2019-2030) & (Units)
- Figure 5. Product Picture of CMM
- Figure 6. Global CMM Sales YoY Growth (2019-2030) & (Units)
- Figure 7. Product Picture of ODS
- Figure 8. Global ODS Sales YoY Growth (2019-2030) & (Units)
- Figure 9. Product Picture of VMM
- Figure 10. Global VMM Sales YoY Growth (2019-2030) & (Units)
- Figure 11. Global 3D Metrology Market Size Overview by Type (2019-2030) & (US\$ Million)
- Figure 12. Global 3D Metrology Market Share by Type 2023 VS 2030
- Figure 13. North America 3D Metrology Sales Market Share in Volume by Type in 2023
- Figure 14. North America 3D Metrology Sales Market Share in Value by Type in 2023
- Figure 15. Europe 3D Metrology Sales Market Share in Volume by Type in 2023
- Figure 16. Europe 3D Metrology Sales Market Share in Value by Type in 2023
- Figure 17. Asia-Pacific 3D Metrology Sales Market Share in Volume by Type in 2023
- Figure 18. Asia-Pacific 3D Metrology Sales Market Share in Value by Type in 2023
- Figure 19. Latin America 3D Metrology Sales Market Share in Volume by Type in 2023
- Figure 20. Latin America 3D Metrology Sales Market Share in Value by Type in 2023
- Figure 21. Middle East and Africa 3D Metrology Sales Market Share in Volume by Type in 2023
- Figure 22. Middle East and Africa 3D Metrology Sales Market Share in Value by Type in 2023
- Figure 23. Global Top 5 and 10 3D Metrology Players Market Share by Revenue in 2023
- Figure 24. Company Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023
- Figure 25. Product Picture of Automotive
- Figure 26. Global Automotive Sales YoY Growth (2019-2030) & (Units)
- Figure 27. Product Picture of Aerospace
- Figure 28. Global Aerospace Sales YoY Growth (2019-2030) & (Units)
- Figure 29. Product Picture of Construction
- Figure 30. Global Construction Sales YoY Growth (2019-2030) & (Units)
- Figure 31. Product Picture of Power

Figure 32. Global Power Sales YoY Growth (2019-2030) & (Units)

Figure 33. Product Picture of Medical

Figure 34. Global Medical Sales YoY Growth (2019-2030) & (Units)

Figure 35. Product Picture of Others

Figure 36. Global Others Sales YoY Growth (2019-2030) & (Units)

Figure 37. Global 3D Metrology Market Size Overview by Application (2019-2030) & (US\$ Million)

Figure 38. Global 3D Metrology Market Share by Application 2023 VS 2030

Figure 39. North America 3D Metrology Sales Market Share in Volume by Application in 2023

Figure 40. North America 3D Metrology Sales Market Share in Value by Application in 2023

Figure 41. Europe 3D Metrology Sales Market Share in Volume by Application in 2023

Figure 42. Europe 3D Metrology Sales Market Share in Value by Application in 2023

Figure 43. Asia-Pacific 3D Metrology Sales Market Share in Volume by Application in 2023

Figure 44. Asia-Pacific 3D Metrology Sales Market Share in Value by Application in 2023

Figure 45. Latin America 3D Metrology Sales Market Share in Volume by Application in 2023

Figure 46. Latin America 3D Metrology Sales Market Share in Value by Application in 2023

Figure 47. Middle East and Africa 3D Metrology Sales Market Share in Volume by Application in 2023

Figure 48. Middle East and Africa 3D Metrology Sales Market Share in Value by Application in 2023

Figure 49. North America 3D Metrology Sales by Country: 2019 VS 2023 VS 2030 (Units)

Figure 50. North America 3D Metrology Sales Share by Country: 2019 VS 2023 VS 2030

Figure 51. North America 3D Metrology Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 52. North America 3D Metrology Market Share by Country: 2019 VS 2023 VS 2030

Figure 53. Europe 3D Metrology Sales by Country: 2019 VS 2023 VS 2030 (Units)

Figure 54. Europe 3D Metrology Sales Share by Country: 2019 VS 2023 VS 2030

Figure 55. Europe 3D Metrology Market Size by Country: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 56. Europe 3D Metrology Market Share by Country: 2019 VS 2023 VS 2030

Figure 57. Asia-Pacific 3D Metrology Sales by Country: 2019 VS 2023 VS 2030 (Units)

Figure 58. Asia-Pacific 3D Metrology Sales Share by Country: 2019 VS 2023 VS 2030

Figure 59. Asia-Pacific 3D Metrology Market Size by Country: 2019 VS 2023 VS 2030
(US\$ Million)

Figure 60. Asia-Pacific 3D Metrology Market Share by Country: 2019 VS 2023 VS 2030

Figure 61. Latin America 3D Metrology Sales by Country: 2019 VS 2023 VS 2030
(Units)

Figure 62. Latin America 3D Metrology Sales Share by Country: 2019 VS 2023 VS 2030

Figure 63. Latin America

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