

# Global 3D Metrology Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

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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 is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

The US & Canada 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.

The China 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.

In terms of production side, this report researches the 3D Metrology production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of 3D Metrology by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for 3D Metrology, capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of 3D Metrology, also provides the consumption of main regions and countries. Of the upcoming market potential for 3D Metrology, and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the 3D Metrology sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global 3D Metrology market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for 3D Metrology

sales, projected growth trends, production technology, application and end-user industry.

### 3D Metrology segment by Company

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

## Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

## 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: Provides an overview of the 3D Metrology market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global 3D Metrology industry.

Chapter 3: Detailed analysis of 3D Metrology market competition landscape. Including 3D Metrology manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

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

Chapter 7: Production/Production Value of 3D Metrology by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of 3D Metrology in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10: 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 Production Value Estimates and Forecasts (2019-2030)
  - 1.2.2 Global 3D Metrology Production Capacity Estimates and Forecasts (2019-2030)
  - 1.2.3 Global 3D Metrology Production Estimates and Forecasts (2019-2030)
  - 1.2.4 Global 3D Metrology Market Average Price (2019-2030)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

### 2 GLOBAL 3D METROLOGY 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 3D METROLOGY MARKET BY MANUFACTURERS

- 3.1 Global 3D Metrology Production Value by Manufacturers (2019-2024)
- 3.2 Global 3D Metrology Production by Manufacturers (2019-2024)
- 3.3 Global 3D Metrology Average Price by Manufacturers (2019-2024)
- 3.4 Global 3D Metrology Industry Manufacturers Ranking, 2022 VS 2023 VS 2024
- 3.5 Global 3D Metrology Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global 3D Metrology Manufacturers, Product Type & Application
- 3.7 Global 3D Metrology Manufacturers 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 Production Value in 2023
  - 3.8.3 2023 3D Metrology Tier 1, Tier 2, and Tier

### 4 3D METROLOGY MARKET BY TYPE

- 4.1 3D Metrology Type Introduction
  - 4.1.1 CMM

- 4.1.2 ODS
- 4.1.3 VMM
- 4.2 Global 3D Metrology Production by Type
  - 4.2.1 Global 3D Metrology Production by Type (2019 VS 2023 VS 2030)
  - 4.2.2 Global 3D Metrology Production by Type (2019-2030)
  - 4.2.3 Global 3D Metrology Production Market Share by Type (2019-2030)
- 4.3 Global 3D Metrology Production Value by Type
  - 4.3.1 Global 3D Metrology Production Value by Type (2019 VS 2023 VS 2030)
  - 4.3.2 Global 3D Metrology Production Value by Type (2019-2030)
  - 4.3.3 Global 3D Metrology Production Value Market Share by Type (2019-2030)

## **5 3D METROLOGY MARKET BY APPLICATION**

- 5.1 3D Metrology Application Introduction
  - 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 Production by Application
  - 5.2.1 Global 3D Metrology Production by Application (2019 VS 2023 VS 2030)
  - 5.2.2 Global 3D Metrology Production by Application (2019-2030)
  - 5.2.3 Global 3D Metrology Production Market Share by Application (2019-2030)
- 5.3 Global 3D Metrology Production Value by Application
  - 5.3.1 Global 3D Metrology Production Value by Application (2019 VS 2023 VS 2030)
  - 5.3.2 Global 3D Metrology Production Value by Application (2019-2030)
  - 5.3.3 Global 3D Metrology Production Value Market Share by Application (2019-2030)

## **6 COMPANY PROFILES**

- 6.1 Hexagon
  - 6.1.1 Hexagon Company Information
  - 6.1.2 Hexagon Business Overview
  - 6.1.3 Hexagon 3D Metrology Production, Value 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 Company Information

- 6.2.2 Zeiss Business Overview
- 6.2.3 Zeiss 3D Metrology Production, Value 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 Company Information
  - 6.3.2 Mitutoyo Business Overview
  - 6.3.3 Mitutoyo 3D Metrology Production, Value 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 Company Information
  - 6.4.2 Nikon Metrology Business Overview
  - 6.4.3 Nikon Metrology 3D Metrology Production, Value 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 Company Information
  - 6.5.2 Tokyo Seimitsu Business Overview
  - 6.5.3 Tokyo Seimitsu 3D Metrology Production, Value 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 Company Information
  - 6.6.2 Keyence Business Overview
  - 6.6.3 Keyence 3D Metrology Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value 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 Production, Value and Gross Margin (2019-2024)
  - 6.16.4 Bruker Alicona 3D Metrology Product Portfolio
  - 6.16.5 Bruker Alicona Recent Developments

## **7 GLOBAL 3D METROLOGY PRODUCTION BY REGION**

- 7.1 Global 3D Metrology Production by Region: 2019 VS 2023 VS 2030
- 7.2 Global 3D Metrology Production by Region (2019-2030)
  - 7.2.1 Global 3D Metrology Production by Region: 2019-2024
  - 7.2.2 Global 3D Metrology Production by Region (2025-2030)
- 7.3 Global 3D Metrology Production by Region: 2019 VS 2023 VS 2030
- 7.4 Global 3D Metrology Production Value by Region (2019-2030)
  - 7.4.1 Global 3D Metrology Production Value by Region: 2019-2024
  - 7.4.2 Global 3D Metrology Production Value by Region (2025-2030)
- 7.5 Global 3D Metrology Market Price Analysis by Region (2019-2024)
- 7.6 Regional Production Value Trends (2019-2030)
  - 7.6.1 North America 3D Metrology Production Value (2019-2030)
  - 7.6.2 Europe 3D Metrology Production Value (2019-2030)
  - 7.6.3 Asia-Pacific 3D Metrology Production Value (2019-2030)
  - 7.6.4 Latin America 3D Metrology Production Value (2019-2030)
  - 7.6.5 Middle East & Africa 3D Metrology Production Value (2019-2030)

## **8 GLOBAL 3D METROLOGY CONSUMPTION BY REGION**

- 8.1 Global 3D Metrology Consumption by Region: 2019 VS 2023 VS 2030
- 8.2 Global 3D Metrology Consumption by Region (2019-2030)
  - 8.2.1 Global 3D Metrology Consumption by Region (2019-2024)
  - 8.2.2 Global 3D Metrology Consumption by Region (2025-2030)
- 8.3 North America
  - 8.3.1 North America 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030
  - 8.3.2 North America 3D Metrology Consumption by Country (2019-2030)

8.3.3 U.S.

8.3.4 Canada

8.4 Europe

8.4.1 Europe 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.4.2 Europe 3D Metrology Consumption by Country (2019-2030)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.5.2 Asia Pacific 3D Metrology Consumption by Country (2019-2030)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 LAMEA

8.6.1 LAMEA 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030

8.6.2 LAMEA 3D Metrology Consumption by Country (2019-2030)

8.6.3 Mexico

8.6.4 Brazil

8.6.5 Turkey

8.6.6 GCC Countries

## **9 VALUE CHAIN AND SALES CHANNELS ANALYSIS**

9.1 3D Metrology Value Chain Analysis

9.1.1 3D Metrology Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 3D Metrology Production Mode & Process

9.2 3D Metrology Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 3D Metrology Distributors

9.2.3 3D Metrology Customers

## **10 CONCLUDING INSIGHTS**

## **11 APPENDIX**

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. 3D Metrology Industry Trends

Table 2. 3D Metrology Industry Drivers

Table 3. 3D Metrology Industry Opportunities and Challenges

Table 4. 3D Metrology Industry Restraints

Table 5. Global 3D Metrology Production Value by Manufacturers (US\$ Million) & (2019-2024)

Table 6. Global 3D Metrology Production Value Market Share by Manufacturers (2019-2024)

Table 7. Global 3D Metrology Production by Manufacturers (Units) & (2019-2024)

Table 8. Global 3D Metrology Production Market Share by Manufacturers

Table 9. Global 3D Metrology Average Price (K USD/Unit) of Manufacturers (2019-2024)

Table 10. Global 3D Metrology Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 11. Global 3D Metrology Industry Manufacturers Ranking, 2022 VS 2023 VS 2024

Table 12. Global 3D Metrology Key Manufacturers Manufacturing Sites & Headquarters

Table 13. Global 3D Metrology Manufacturers, Product Type & Application

Table 14. Global 3D Metrology Manufacturers Commercialization Time

Table 15. Global Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 16. Global 3D Metrology by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2023)

Table 17. Major Manufacturers of CMM

Table 18. Major Manufacturers of ODS

Table 19. Major Manufacturers of VMM

Table 20. Global 3D Metrology Production by type 2019 VS 2023 VS 2030 (Units)

Table 21. Global 3D Metrology Production by type (2019-2024) & (Units)

Table 22. Global 3D Metrology Production by type (2025-2030) & (Units)

Table 23. Global 3D Metrology Production Market Share by type (2019-2024)

Table 24. Global 3D Metrology Production Market Share by type (2025-2030)

Table 25. Global 3D Metrology Production Value by type 2019 VS 2023 VS 2030 (Units)

Table 26. Global 3D Metrology Production Value by type (2019-2024) & (Units)

Table 27. Global 3D Metrology Production Value by type (2025-2030) & (Units)

Table 28. Global 3D Metrology Production Value Market Share by type (2019-2024)

Table 29. Global 3D Metrology Production Value Market Share by type (2025-2030)



- Table 30. Major Manufacturers of Automotive
- Table 31. Major Manufacturers of Aerospace
- Table 32. Major Manufacturers of Construction
- Table 33. Major Manufacturers of Power
- Table 34. Major Manufacturers of Medical
- Table 35. Major Manufacturers of Others
- Table 36. Global 3D Metrology Production by application 2019 VS 2023 VS 2030 (Units)
- Table 37. Global 3D Metrology Production by application (2019-2024) & (Units)
- Table 38. Global 3D Metrology Production by application (2025-2030) & (Units)
- Table 39. Global 3D Metrology Production Market Share by application (2019-2024)
- Table 40. Global 3D Metrology Production Market Share by application (2025-2030)
- Table 41. Global 3D Metrology Production Value by application 2019 VS 2023 VS 2030 (Units)
- Table 42. Global 3D Metrology Production Value by application (2019-2024) & (Units)
- Table 43. Global 3D Metrology Production Value by application (2025-2030) & (Units)
- Table 44. Global 3D Metrology Production Value Market Share by application (2019-2024)
- Table 45. Global 3D Metrology Production Value Market Share by application (2025-2030)
- Table 46. Hexagon Company Information
- Table 47. Hexagon Business Overview
- Table 48. Hexagon 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 49. Hexagon 3D Metrology Product Portfolio
- Table 50. Hexagon Recent Development
- Table 51. Zeiss Company Information
- Table 52. Zeiss Business Overview
- Table 53. Zeiss 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 54. Zeiss 3D Metrology Product Portfolio
- Table 55. Zeiss Recent Development
- Table 56. Mitutoyo Company Information
- Table 57. Mitutoyo Business Overview
- Table 58. Mitutoyo 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 59. Mitutoyo 3D Metrology Product Portfolio
- Table 60. Mitutoyo Recent Development
- Table 61. Nikon Metrology Company Information
- Table 62. Nikon Metrology Business Overview

Table 63. Nikon Metrology 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 64. Nikon Metrology 3D Metrology Product Portfolio

Table 65. Nikon Metrology Recent Development

Table 66. Tokyo Seimitsu Company Information

Table 67. Tokyo Seimitsu Business Overview

Table 68. Tokyo Seimitsu 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 69. Tokyo Seimitsu 3D Metrology Product Portfolio

Table 70. Tokyo Seimitsu Recent Development

Table 71. Keyence Company Information

Table 72. Keyence Business Overview

Table 73. Keyence 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 74. Keyence 3D Metrology Product Portfolio

Table 75. Keyence Recent Development

Table 76. FARO Company Information

Table 77. FARO Business Overview

Table 78. FARO 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 79. FARO 3D Metrology Product Portfolio

Table 80. FARO Recent Development

Table 81. GOM Company Information

Table 82. GOM Business Overview

Table 83. GOM 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 84. GOM 3D Metrology Product Portfolio

Table 85. GOM Recent Development

Table 86. Werth Company Information

Table 87. Werth Business Overview

Table 88. Werth 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 89. Werth 3D Metrology Product Portfolio

Table 90. Werth Recent Development

Table 91. Wenzel Company Information

Table 92. Wenzel Business Overview

Table 93. Wenzel 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 94. Wenzel 3D Metrology Product Portfolio

- Table 95. Wenzel Recent Development
- Table 96. Perceptron Company Information
- Table 97. Perceptron Business Overview
- Table 98. Perceptron 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 99. Perceptron 3D Metrology Product Portfolio
- Table 100. Perceptron Recent Development
- Table 101. Zygo Company Information
- Table 102. Zygo Business Overview
- Table 103. Zygo 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 104. Zygo 3D Metrology Product Portfolio
- Table 105. Zygo Recent Development
- Table 106. Renishaw Company Information
- Table 107. Renishaw Business Overview
- Table 108. Renishaw 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 109. Renishaw 3D Metrology Product Portfolio
- Table 110. Renishaw Recent Development
- Table 111. Aberlink Company Information
- Table 112. Aberlink Business Overview
- Table 113. Aberlink 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 114. Aberlink 3D Metrology Product Portfolio
- Table 115. Aberlink Recent Development
- Table 116. TZTek Company Information
- Table 117. TZTek Business Overview
- Table 118. TZTek 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 119. TZTek 3D Metrology Product Portfolio
- Table 120. TZTek Recent Development
- Table 121. Bruker Alicona Company Information
- Table 122. Bruker Alicona Business Overview
- Table 123. Bruker Alicona 3D Metrology Production (Units), Value (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 124. Bruker Alicona 3D Metrology Product Portfolio
- Table 125. Bruker Alicona Recent Development
- Table 126. Global 3D Metrology Production by Region: 2019 VS 2023 VS 2030 (Units)
- Table 127. Global 3D Metrology Production by Region (2019-2024) & (Units)

Table 128. Global 3D Metrology Production Market Share by Region (2019-2024)

Table 129. Global 3D Metrology Production Forecast by Region (2025-2030) & (Units)

Table 130. Global 3D Metrology Production Market Share Forecast by Region (2025-2030)

Table 131. Global 3D Metrology Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 132. Global 3D Metrology Production Value by Region (2019-2024) & (US\$ Million)

Table 133. Global 3D Metrology Production Value Forecast by Region (2025-2030) & (US\$ Million)

Table 134. Global 3D Metrology Production Value Share Forecast by Region: (2025-2030) & (US\$ Million)

Table 135. Global 3D Metrology Market Average Price (K USD/Unit) by Region (2019-2024)

Table 136. Global 3D Metrology Market Average Price (K USD/Unit) by Region (2025-2030)

Table 137. Global 3D Metrology Consumption by Region: 2019 VS 2023 VS 2030 (Units)

Table 138. Global 3D Metrology Consumption by Region (2019-2024) & (Units)

Table 139. Global 3D Metrology Consumption Market Share by Region (2019-2024)

Table 140. Global 3D Metrology Consumption Forecasted by Region (2025-2030) & (Units)

Table 141. Global 3D Metrology Consumption Forecasted Market Share by Region (2025-2030)

Table 142. North America 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Units)

Table 143. North America 3D Metrology Consumption by Country (2019-2024) & (Units)

Table 144. North America 3D Metrology Consumption by Country (2025-2030) & (Units)

Table 145. Europe 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Units)

Table 146. Europe 3D Metrology Consumption by Country (2019-2024) & (Units)

Table 147. Europe 3D Metrology Consumption by Country (2025-2030) & (Units)

Table 148. Asia Pacific 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Units)

Table 149. Asia Pacific 3D Metrology Consumption by Country (2019-2024) & (Units)

Table 150. Asia Pacific 3D Metrology Consumption by Country (2025-2030) & (Units)

Table 151. LAMEA 3D Metrology Consumption Growth Rate by Country: 2019 VS 2023 VS 2030 (Units)

Table 152. LAMEA 3D Metrology Consumption by Country (2019-2024) & (Units)

Table 153. LAMEA 3D Metrology Consumption by Country (2025-2030) & (Units)

Table 154. Key Raw Materials

Table 155. Raw Materials Key Suppliers

Table 156. 3D Metrology Distributors List

Table 157. 3D Metrology Customers List

Table 158. Research Programs/Design for This Report

Table 159. Authors List of This Report

Table 160. Secondary Sources

Table 161. Primary Sources

## List Of Figures

### LIST OF FIGURES

Figure 1. 3D Metrology Product Picture

Figure 2. Global 3D Metrology Production Value (US\$ Million), 2019 VS 2023 VS 2030

Figure 3. Global 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 4. Global 3D Metrology Production Capacity (2019-2030) & (Units)

Figure 5. Global 3D Metrology Production (2019-2030) & (Units)

Figure 6. Global 3D Metrology Average Price (K USD/Unit) & (2019-2030)

Figure 7. Global Top 5 and 10 3D Metrology Players Market Share by Production Value in 2023

Figure 8. Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2019 VS 2023

Figure 9. CMM Picture

Figure 10. ODS Picture

Figure 11. VMM Picture

Figure 12. Global 3D Metrology Production by Type (2019 VS 2023 VS 2030) & (Units)

Figure 13. Global 3D Metrology Production Market Share 2019 VS 2023 VS 2030

Figure 14. Global 3D Metrology Production Market Share by Type (2019-2030)

Figure 15. Global 3D Metrology Production Value by Type (2019 VS 2023 VS 2030) & (Units)

Figure 16. Global 3D Metrology Production Value Share 2019 VS 2023 VS 2030

Figure 17. Global 3D Metrology Production Value Share by Type (2019-2030)

Figure 18. Automotive Picture

Figure 19. Aerospace Picture

Figure 20. Construction Picture

Figure 21. Power Picture

Figure 22. Medical Picture

Figure 23. Others Picture

Figure 24. Global 3D Metrology Production by Application (2019 VS 2023 VS 2030) & (Units)

Figure 25. Global 3D Metrology Production Market Share 2019 VS 2023 VS 2030

Figure 26. Global 3D Metrology Production Market Share by Application (2019-2030)

Figure 27. Global 3D Metrology Production Value by Application (2019 VS 2023 VS 2030) & (Units)

Figure 28. Global 3D Metrology Production Value Share 2019 VS 2023 VS 2030

Figure 29. Global 3D Metrology Production Value Share by Application (2019-2030)

Figure 30. Global 3D Metrology Production by Region: 2019 VS 2023 VS 2030 (Units)

Figure 31. Global 3D Metrology Production Market Share by Region: 2019 VS 2023 VS

2030

Figure 32. Global 3D Metrology Production Value Comparison by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Figure 33. Global 3D Metrology Production Value Share by Region: 2019 VS 2023 VS 2030

Figure 34. North America 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 35. Europe 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 36. Asia-Pacific 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 37. Latin America 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 38. Middle East & Africa 3D Metrology Production Value (2019-2030) & (US\$ Million)

Figure 39. North America 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 40. North America 3D Metrology Consumption Market Share by Country (2019-2030)

Figure 41. U.S. 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 42. Canada 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 43. Europe 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 44. Europe 3D Metrology Consumption Market Share by Country (2019-2030)

Figure 45. Germany 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 46. France 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 47. U.K. 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 48. Italy 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 49. Netherlands 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 50. Asia Pacific 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 51. Asia Pacific 3D Metrology Consumption Market Share by Country (2019-2030)

Figure 52. China 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 53. Japan 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 54. South Korea 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 55. Southeast Asia 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 56. India 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 57. Australia 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

Figure 58. LAMEA 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)

- Figure 59. LAMEA 3D Metrology Consumption Market Share by Country (2019-2030)
- Figure 60. Mexico 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)
- Figure 61. Brazil 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)
- Figure 62. Turkey 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)
- Figure 63. GCC Countries 3D Metrology Consumption and Growth Rate (2019-2030) & (Units)
- Figure 64. 3D Metrology Value Chain
- Figure 65. Manufacturing Cost Structure
- Figure 66. 3D Metrology Production Mode & Process
- Figure 67. Direct Comparison with Distribution Share
- Figure 68. Distributors Profiles
- Figure 69. Years Considered
- Figure 70. Research Process
- Figure 71. Key Executives Interviewed



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