

Global 3D Metrology Market Analysis and Forecast 2024-2030

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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: Introduces the report scope of the report, executive summary of different market segments (by type and by application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

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: 3D Metrology production/output of global and key producers (regions/countries). It provides a quantitative analysis of the production, and development potential of each producer in the next six years.

Chapter 4: Sales (consumption), revenue of 3D Metrology in global, 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 of each country in the world.

Chapter 5: Detailed analysis of 3D Metrology manufacturers competitive landscape, price, sales, revenue, market share and industry ranking, latest development plan, merger, and acquisition information, etc.

Chapter 6: Provides the analysis of various market segments by type, covering the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7: Provides the analysis of various market segments by application, covering

the sales, revenue, average price, and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8: Provides profiles of key manufacturers, introducing the basic situation of the main companies in the market in detail, including product descriptions and specifications, 3D Metrology sales, revenue, price, gross margin, and recent development, etc.

Chapter 9: North America (US & Canada) by type, by application and by country, sales, and revenue for each segment.

Chapter 10: Europe by type, by application and by country, sales, and revenue for each segment.

Chapter 11: China by type, by application, sales, and revenue for each segment.

Chapter 12: Asia (Excluding China) by type, by application and by region, sales, and revenue for each segment.

Chapter 13: Middle East, Africa, Latin America by type, by application and by country, sales, and revenue for each segment.

Chapter 14: Analysis of industrial chain, sales channel, key raw materials, distributors and customers.

Chapter 15: The main concluding insights of the report.

Contents

1 MARKET OVERVIEW

- 1.1 Product Definition
- 1.2 3D Metrology Market by Type
 - 1.2.1 Global 3D Metrology Market Size by Type, 2019 VS 2023 VS 2030
 - 1.2.2 CMM
 - 1.2.3 ODS
 - 1.2.4 VMM
- 1.3 3D Metrology Market by Application
 - 1.3.1 Global 3D Metrology Market Size by Application, 2019 VS 2023 VS 2030
 - 1.3.2 Automotive
 - 1.3.3 Aerospace
 - 1.3.4 Construction
 - 1.3.5 Power
 - 1.3.6 Medical
 - 1.3.7 Others
- 1.4 Assumptions and Limitations
- 1.5 Study Goals and Objectives

2 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 GLOBAL 3D METROLOGY PRODUCTION OVERVIEW

- 3.1 Global 3D Metrology Production Capacity (2019-2030)
- 3.2 Global 3D Metrology Production by Region: 2019 VS 2023 VS 2030
- 3.3 Global 3D Metrology Production by Region
 - 3.3.1 Global 3D Metrology Production by Region (2019-2024)
 - 3.3.2 Global 3D Metrology Production by Region (2025-2030)
 - 3.3.3 Global 3D Metrology Production Market Share by Region (2019-2030)
- 3.4 North America
- 3.5 Europe
- 3.6 Japan

- 3.7 China
- 3.8 China Taiwan
- 3.9 South Korea

4 GLOBAL MARKET GROWTH PROSPECTS

- 4.1 Global 3D Metrology Revenue Estimates and Forecasts (2019-2030)
- 4.2 Global 3D Metrology Revenue by Region
 - 4.2.1 Global 3D Metrology Revenue by Region: 2019 VS 2023 VS 2030
 - 4.2.2 Global 3D Metrology Revenue by Region (2019-2024)
 - 4.2.3 Global 3D Metrology Revenue by Region (2025-2030)
 - 4.2.4 Global 3D Metrology Revenue Market Share by Region (2019-2030)
- 4.3 Global 3D Metrology Sales Estimates and Forecasts 2019-2030
- 4.4 Global 3D Metrology Sales by Region
 - 4.4.1 Global 3D Metrology Sales by Region: 2019 VS 2023 VS 2030
 - 4.4.2 Global 3D Metrology Sales by Region (2019-2024)
 - 4.4.3 Global 3D Metrology Sales by Region (2025-2030)
 - 4.4.4 Global 3D Metrology Sales Market Share by Region (2019-2030)
- 4.5 US & Canada
- 4.6 Europe
- 4.7 China
- 4.8 Asia (Excluding China)
- 4.9 Middle East, Africa and Latin America

5 MARKET COMPETITIVE LANDSCAPE BY MANUFACTURERS

- 5.1 Global 3D Metrology Revenue by Manufacturers
 - 5.1.1 Global 3D Metrology Revenue by Manufacturers (2019-2024)
 - 5.1.2 Global 3D Metrology Revenue Market Share by Manufacturers (2019-2024)
 - 5.1.3 Global 3D Metrology Manufacturers Revenue Share Top 10 and Top 5 in 2023
- 5.2 Global 3D Metrology Sales by Manufacturers
 - 5.2.1 Global 3D Metrology Sales by Manufacturers (2019-2024)
 - 5.2.2 Global 3D Metrology Sales Market Share by Manufacturers (2019-2024)
 - 5.2.3 Global 3D Metrology Manufacturers Sales Share Top 10 and Top 5 in 2023
- 5.3 Global 3D Metrology Sales Price by Manufacturers (2019-2024)
- 5.4 Global 3D Metrology Key Manufacturers Ranking, 2022 VS 2023 VS 2024
- 5.5 Global 3D Metrology Key Manufacturers Manufacturing Sites & Headquarters
- 5.6 Global 3D Metrology Manufacturers, Product Type & Application
- 5.7 Global 3D Metrology Manufacturers Commercialization Time

5.8 Market Competitive Analysis

5.8.1 Global 3D Metrology Market CR5 and HHI

5.8.2 2023 3D Metrology Tier 1, Tier 2, and Tier

6 3D METROLOGY MARKET BY TYPE

6.1 Global 3D Metrology Revenue by Type

6.1.1 Global 3D Metrology Revenue by Type (2019 VS 2023 VS 2030)

6.1.2 Global 3D Metrology Revenue by Type (2019-2030) & (US\$ Million)

6.1.3 Global 3D Metrology Revenue Market Share by Type (2019-2030)

6.2 Global 3D Metrology Sales by Type

6.2.1 Global 3D Metrology Sales by Type (2019 VS 2023 VS 2030)

6.2.2 Global 3D Metrology Sales by Type (2019-2030) & (Units)

6.2.3 Global 3D Metrology Sales Market Share by Type (2019-2030)

6.3 Global 3D Metrology Price by Type

7 3D METROLOGY MARKET BY APPLICATION

7.1 Global 3D Metrology Revenue by Application

7.1.1 Global 3D Metrology Revenue by Application (2019 VS 2023 VS 2030)

7.1.2 Global 3D Metrology Revenue by Application (2019-2030) & (US\$ Million)

7.1.3 Global 3D Metrology Revenue Market Share by Application (2019-2030)

7.2 Global 3D Metrology Sales by Application

7.2.1 Global 3D Metrology Sales by Application (2019 VS 2023 VS 2030)

7.2.2 Global 3D Metrology Sales by Application (2019-2030) & (Units)

7.2.3 Global 3D Metrology Sales Market Share by Application (2019-2030)

7.3 Global 3D Metrology Price by Application

8 COMPANY PROFILES

8.1 Hexagon

8.1.1 Hexagon Company Information

8.1.2 Hexagon Business Overview

8.1.3 Hexagon 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.1.4 Hexagon 3D Metrology Product Portfolio

8.1.5 Hexagon Recent Developments

8.2 Zeiss

8.2.1 Zeiss Company Information

8.2.2 Zeiss Business Overview

8.2.3 Zeiss 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.2.4 Zeiss 3D Metrology Product Portfolio

8.2.5 Zeiss Recent Developments

8.3 Mitutoyo

8.3.1 Mitutoyo Company Information

8.3.2 Mitutoyo Business Overview

8.3.3 Mitutoyo 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.3.4 Mitutoyo 3D Metrology Product Portfolio

8.3.5 Mitutoyo Recent Developments

8.4 Nikon Metrology

8.4.1 Nikon Metrology Company Information

8.4.2 Nikon Metrology Business Overview

8.4.3 Nikon Metrology 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.4.4 Nikon Metrology 3D Metrology Product Portfolio

8.4.5 Nikon Metrology Recent Developments

8.5 Tokyo Seimitsu

8.5.1 Tokyo Seimitsu Company Information

8.5.2 Tokyo Seimitsu Business Overview

8.5.3 Tokyo Seimitsu 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.5.4 Tokyo Seimitsu 3D Metrology Product Portfolio

8.5.5 Tokyo Seimitsu Recent Developments

8.6 Keyence

8.6.1 Keyence Company Information

8.6.2 Keyence Business Overview

8.6.3 Keyence 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.6.4 Keyence 3D Metrology Product Portfolio

8.6.5 Keyence Recent Developments

8.7 FARO

8.7.1 FARO Company Information

8.7.2 FARO Business Overview

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

8.7.4 FARO 3D Metrology Product Portfolio

8.7.5 FARO Recent Developments

8.8 GOM

8.8.1 GOM Company Information

8.8.2 GOM Business Overview

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

8.8.4 GOM 3D Metrology Product Portfolio

8.8.5 GOM Recent Developments

8.9 Werth

8.9.1 Werth Company Information

8.9.2 Werth Business Overview

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

8.9.4 Werth 3D Metrology Product Portfolio

8.9.5 Werth Recent Developments

8.10 Wenzel

8.10.1 Wenzel Company Information

8.10.2 Wenzel Business Overview

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

8.10.4 Wenzel 3D Metrology Product Portfolio

8.10.5 Wenzel Recent Developments

8.11 Perceptron

8.11.1 Perceptron Company Information

8.11.2 Perceptron Business Overview

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

8.11.4 Perceptron 3D Metrology Product Portfolio

8.11.5 Perceptron Recent Developments

8.12 Zygo

8.12.1 Zygo Company Information

8.12.2 Zygo Business Overview

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

8.12.4 Zygo 3D Metrology Product Portfolio

8.12.5 Zygo Recent Developments

8.13 Renishaw

8.13.1 Renishaw Company Information

8.13.2 Renishaw Business Overview

8.13.3 Renishaw 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.13.4 Renishaw 3D Metrology Product Portfolio

8.13.5 Renishaw Recent Developments

8.14 Aberlink

8.14.1 Aberlink Company Information

8.14.2 Aberlink Business Overview

8.14.3 Aberlink 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)

8.14.4 Aberlink 3D Metrology Product Portfolio

8.14.5 Aberlink Recent Developments

8.15 TZTEk

- 8.15.1 TZTek Comapny Information
- 8.15.2 TZTek Business Overview
- 8.15.3 TZTek 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)
- 8.15.4 TZTek 3D Metrology Product Portfolio
- 8.15.5 TZTek Recent Developments

8.16 Bruker Alicona

- 8.16.1 Bruker Alicona Comapny Information
- 8.16.2 Bruker Alicona Business Overview
- 8.16.3 Bruker Alicona 3D Metrology Sales, Revenue, Price and Gross Margin (2019-2024)
- 8.16.4 Bruker Alicona 3D Metrology Product Portfolio
- 8.16.5 Bruker Alicona Recent Developments

9 NORTH AMERICA

9.1 North America 3D Metrology Market Size by Type

- 9.1.1 North America 3D Metrology Revenue by Type (2019-2030)
- 9.1.2 North America 3D Metrology Sales by Type (2019-2030)
- 9.1.3 North America 3D Metrology Price by Type (2019-2030)

9.2 North America 3D Metrology Market Size by Application

- 9.2.1 North America 3D Metrology Revenue by Application (2019-2030)
- 9.2.2 North America 3D Metrology Sales by Application (2019-2030)
- 9.2.3 North America 3D Metrology Price by Application (2019-2030)

9.3 North America 3D Metrology Market Size by Country

- 9.3.1 North America 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
- 9.3.2 North America 3D Metrology Sales by Country (2019 VS 2023 VS 2030)
- 9.3.3 North America 3D Metrology Price by Country (2019-2030)
- 9.3.4 U.S.
- 9.3.5 Canada

10 EUROPE

10.1 Europe 3D Metrology Market Size by Type

- 10.1.1 Europe 3D Metrology Revenue by Type (2019-2030)
- 10.1.2 Europe 3D Metrology Sales by Type (2019-2030)
- 10.1.3 Europe 3D Metrology Price by Type (2019-2030)

10.2 Europe 3D Metrology Market Size by Application

- 10.2.1 Europe 3D Metrology Revenue by Application (2019-2030)

- 10.2.2 Europe 3D Metrology Sales by Application (2019-2030)
- 10.2.3 Europe 3D Metrology Price by Application (2019-2030)
- 10.3 Europe 3D Metrology Market Size by Country
 - 10.3.1 Europe 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 10.3.2 Europe 3D Metrology Sales by Country (2019 VS 2023 VS 2030)
 - 10.3.3 Europe 3D Metrology Price by Country (2019-2030)
 - 10.3.4 Germany
 - 10.3.5 France
 - 10.3.6 U.K.
 - 10.3.7 Italy
 - 10.3.8 Russia

11 CHINA

- 11.1 China 3D Metrology Market Size by Type
 - 11.1.1 China 3D Metrology Revenue by Type (2019-2030)
 - 11.1.2 China 3D Metrology Sales by Type (2019-2030)
 - 11.1.3 China 3D Metrology Price by Type (2019-2030)
- 11.2 China 3D Metrology Market Size by Application
 - 11.2.1 China 3D Metrology Revenue by Application (2019-2030)
 - 11.2.2 China 3D Metrology Sales by Application (2019-2030)
 - 11.2.3 China 3D Metrology Price by Application (2019-2030)

12 ASIA (EXCLUDING CHINA)

- 12.1 Asia 3D Metrology Market Size by Type
 - 12.1.1 Asia 3D Metrology Revenue by Type (2019-2030)
 - 12.1.2 Asia 3D Metrology Sales by Type (2019-2030)
 - 12.1.3 Asia 3D Metrology Price by Type (2019-2030)
- 12.2 Asia 3D Metrology Market Size by Application
 - 12.2.1 Asia 3D Metrology Revenue by Application (2019-2030)
 - 12.2.2 Asia 3D Metrology Sales by Application (2019-2030)
 - 12.2.3 Asia 3D Metrology Price by Application (2019-2030)
- 12.3 Asia 3D Metrology Market Size by Country
 - 12.3.1 Asia 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 12.3.2 Asia 3D Metrology Sales by Country (2019 VS 2023 VS 2030)
 - 12.3.3 Asia 3D Metrology Price by Country (2019-2030)
 - 12.3.4 Japan
 - 12.3.5 South Korea

- 12.3.6 India
- 12.3.7 Australia
- 12.3.8 China Taiwan
- 12.3.9 Southeast Asia

13 MIDDLE EAST, AFRICA AND LATIN AMERICA

- 13.1 Middle East, Africa and Latin America 3D Metrology Market Size by Type
 - 13.1.1 Middle East, Africa and Latin America 3D Metrology Revenue by Type (2019-2030)
 - 13.1.2 Middle East, Africa and Latin America 3D Metrology Sales by Type (2019-2030)
 - 13.1.3 Middle East, Africa and Latin America 3D Metrology Price by Type (2019-2030)
- 13.2 Middle East, Africa and Latin America 3D Metrology Market Size by Application
 - 13.2.1 Middle East, Africa and Latin America 3D Metrology Revenue by Application (2019-2030)
 - 13.2.2 Middle East, Africa and Latin America 3D Metrology Sales by Application (2019-2030)
 - 13.2.3 Middle East, Africa and Latin America 3D Metrology Price by Application (2019-2030)
- 13.3 Middle East, Africa and Latin America 3D Metrology Market Size by Country
 - 13.3.1 Middle East, Africa and Latin America 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030)
 - 13.3.2 Middle East, Africa and Latin America 3D Metrology Sales by Country (2019 VS 2023 VS 2030)
 - 13.3.3 Middle East, Africa and Latin America 3D Metrology Price by Country (2019-2030)
 - 13.3.4 Mexico
 - 13.3.5 Brazil
 - 13.3.6 Israel
 - 13.3.7 Argentina
 - 13.3.8 Colombia
 - 13.3.9 Turkey
 - 13.3.10 Saudi Arabia
 - 13.3.11 UAE

14 VALUE CHAIN AND SALES CHANNELS ANALYSIS

- 14.1 3D Metrology Value Chain Analysis
 - 14.1.1 3D Metrology Key Raw Materials

- 14.1.2 Raw Materials Key Suppliers
- 14.1.3 Manufacturing Cost Structure
- 14.1.4 3D Metrology Production Mode & Process
- 14.2 3D Metrology Sales Channels Analysis
 - 14.2.1 Direct Comparison with Distribution Share
 - 14.2.2 3D Metrology Distributors
 - 14.2.3 3D Metrology Customers

15 CONCLUDING INSIGHTS

16 APPENDIX

- 16.1 Reasons for Doing This Study
- 16.2 Research Methodology
- 16.3 Research Process
- 16.4 Authors List of This Report
- 16.5 Data Source
 - 16.5.1 Secondary Sources
 - 16.5.2 Primary Sources
- 16.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Global 3D Metrology Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Table 2. Global 3D Metrology Market Size Growth Rate by Type (US\$ Million), 2019 VS 2023 VS 2030

Table 3. CMM Major Manufacturers

Table 4. ODS Major Manufacturers

Table 5. VMM Major Manufacturers

Table 6. Global 3D Metrology Market Size Growth Rate by Application (US\$ Million), 2019 VS 2023 VS 2030

Table 7. Automotive Major Manufacturers

Table 8. Aerospace Major Manufacturers

Table 9. Construction Major Manufacturers

Table 10. Power Major Manufacturers

Table 11. Medical Major Manufacturers

Table 12. Others Major Manufacturers

Table 13. 3D Metrology Industry Trends

Table 14. 3D Metrology Industry Drivers

Table 15. 3D Metrology Industry Opportunities and Challenges

Table 16. 3D Metrology Industry Restraints

Table 17. Global 3D Metrology Production Growth Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (Units)

Table 18. Global 3D Metrology Production by Region (2019-2024) & (Units)

Table 19. Global 3D Metrology Production by Region (2025-2030) & (Units)

Table 20. Global 3D Metrology Production Market Share by Region (2019-2024)

Table 21. Global 3D Metrology Production Market Share by Region (2025-2030)

Table 22. Global 3D Metrology Revenue Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (US\$ Million)

Table 23. Global 3D Metrology Revenue by Region (2019-2024) & (US\$ Million)

Table 24. Global 3D Metrology Revenue by Region (2025-2030) & (US\$ Million)

Table 25. Global 3D Metrology Revenue Market Share by Region (2019-2024)

Table 26. Global 3D Metrology Revenue Market Share by Region (2025-2030)

Table 27. Global 3D Metrology Sales Grow Rate (CAGR) by Region: 2019 VS 2023 VS 2030 (Units)

Table 28. Global 3D Metrology Sales by Region (2019-2024) & (Units)

Table 29. Global 3D Metrology Sales by Region (2025-2030) & (Units)

- Table 30. Global 3D Metrology Sales Market Share by Region (2019-2024)
- Table 31. Global 3D Metrology Sales Market Share by Region (2025-2030)
- Table 32. Global 3D Metrology Revenue by Manufacturers (US\$ Million) & (2019-2024)
- Table 33. Global 3D Metrology Revenue Market Share by Manufacturers (2019-2024)
- Table 34. Global 3D Metrology Sales by Manufacturers (US\$ Million) & (2019-2024)
- Table 35. Global 3D Metrology Sales Market Share by Manufacturers (2019-2024)
- Table 36. Global 3D Metrology Sales Price (K USD/Unit) of Manufacturers (2019-2024)
- Table 37. Global 3D Metrology Key Manufacturers Ranking, 2022 VS 2023 VS 2024
- Table 38. Global 3D Metrology Key Manufacturers Manufacturing Sites & Headquarters
- Table 39. Global 3D Metrology Manufacturers, Product Type & Application
- Table 40. Global 3D Metrology Manufacturers Commercialization Time
- Table 41. Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 42. Global 3D Metrology by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue of 2023)
- Table 43. Global 3D Metrology Revenue by Type 2019 VS 2023 VS 2030 (US\$ Million)
- Table 44. Global 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)
- Table 45. Global 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)
- Table 46. Global 3D Metrology Revenue Market Share by Type (2019-2024)
- Table 47. Global 3D Metrology Revenue Market Share by Type (2025-2030)
- Table 48. Global 3D Metrology Sales by Type 2019 VS 2023 VS 2030 (Units)
- Table 49. Global 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 50. Global 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 51. Global 3D Metrology Sales Market Share by Type (2019-2024)
- Table 52. Global 3D Metrology Sales Market Share by Type (2025-2030)
- Table 53. Global 3D Metrology Price by Type (2019-2024) & (K USD/Unit)
- Table 54. Global 3D Metrology Price by Type (2025-2030) & (K USD/Unit)
- Table 55. Global 3D Metrology Revenue by Application 2019 VS 2023 VS 2030 (US\$ Million)
- Table 56. Global 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)
- Table 57. Global 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)
- Table 58. Global 3D Metrology Revenue Market Share by Application (2019-2024)
- Table 59. Global 3D Metrology Revenue Market Share by Application (2025-2030)
- Table 60. Global 3D Metrology Sales by Application 2019 VS 2023 VS 2030 (Units)
- Table 61. Global 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 62. Global 3D Metrology Sales by Application (2025-2030) & (Units)
- Table 63. Global 3D Metrology Sales Market Share by Application (2019-2024)
- Table 64. Global 3D Metrology Sales Market Share by Application (2025-2030)
- Table 65. Global 3D Metrology Price by Application (2019-2024) & (K USD/Unit)
- Table 66. Global 3D Metrology Price by Application (2025-2030) & (K USD/Unit)

Table 67. Hexagon Company Information

Table 68. Hexagon Business Overview

Table 69. Hexagon 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 70. Hexagon 3D Metrology Product Portfolio

Table 71. Hexagon Recent Development

Table 72. Zeiss Company Information

Table 73. Zeiss Business Overview

Table 74. Zeiss 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 75. Zeiss 3D Metrology Product Portfolio

Table 76. Zeiss Recent Development

Table 77. Mitutoyo Company Information

Table 78. Mitutoyo Business Overview

Table 79. Mitutoyo 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 80. Mitutoyo 3D Metrology Product Portfolio

Table 81. Mitutoyo Recent Development

Table 82. Nikon Metrology Company Information

Table 83. Nikon Metrology Business Overview

Table 84. Nikon Metrology 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 85. Nikon Metrology 3D Metrology Product Portfolio

Table 86. Nikon Metrology Recent Development

Table 87. Tokyo Seimitsu Company Information

Table 88. Tokyo Seimitsu Business Overview

Table 89. Tokyo Seimitsu 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 90. Tokyo Seimitsu 3D Metrology Product Portfolio

Table 91. Tokyo Seimitsu Recent Development

Table 92. Keyence Company Information

Table 93. Keyence Business Overview

Table 94. Keyence 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 95. Keyence 3D Metrology Product Portfolio

Table 96. Keyence Recent Development

Table 97. FARO Company Information

Table 98. FARO Business Overview

Table 99. FARO 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit)

and Gross Margin (2019-2024)

Table 100. FARO 3D Metrology Product Portfolio

Table 101. FARO Recent Development

Table 102. GOM Company Information

Table 103. GOM Business Overview

Table 104. GOM 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 105. GOM 3D Metrology Product Portfolio

Table 106. GOM Recent Development

Table 107. Werth Company Information

Table 108. Werth Business Overview

Table 109. Werth 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 110. Werth 3D Metrology Product Portfolio

Table 111. Werth Recent Development

Table 112. Wenzel Company Information

Table 113. Wenzel Business Overview

Table 114. Wenzel 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 115. Wenzel 3D Metrology Product Portfolio

Table 116. Wenzel Recent Development

Table 117. Perceptron Company Information

Table 118. Perceptron Business Overview

Table 119. Perceptron 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 120. Perceptron 3D Metrology Product Portfolio

Table 121. Perceptron Recent Development

Table 122. Zygo Company Information

Table 123. Zygo Business Overview

Table 124. Zygo 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 125. Zygo 3D Metrology Product Portfolio

Table 126. Zygo Recent Development

Table 127. Renishaw Company Information

Table 128. Renishaw Business Overview

Table 129. Renishaw 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)

Table 130. Renishaw 3D Metrology Product Portfolio

Table 131. Renishaw Recent Development

- Table 132. Aberlink Company Information
- Table 133. Aberlink Business Overview
- Table 134. Aberlink 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 135. Aberlink 3D Metrology Product Portfolio
- Table 136. Aberlink Recent Development
- Table 137. TZTek Company Information
- Table 138. TZTek Business Overview
- Table 139. TZTek 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 140. TZTek 3D Metrology Product Portfolio
- Table 141. TZTek Recent Development
- Table 142. Bruker Alicona Company Information
- Table 143. Bruker Alicona Business Overview
- Table 144. Bruker Alicona 3D Metrology Sales (Units), Revenue (US\$ Million), Price (K USD/Unit) and Gross Margin (2019-2024)
- Table 145. Bruker Alicona 3D Metrology Product Portfolio
- Table 146. Bruker Alicona Recent Development
- Table 147. North America 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)
- Table 148. North America 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)
- Table 149. North America 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 150. North America 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 151. North America 3D Metrology Sales Price by Type (2019-2024) & (K USD/Unit)
- Table 152. North America 3D Metrology Sales Price by Type (2025-2030) & (K USD/Unit)
- Table 153. North America 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)
- Table 154. North America 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)
- Table 155. North America 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 156. North America 3D Metrology Sales by Application (2025-2030) & (Units)
- Table 157. North America 3D Metrology Sales Price by Application (2019-2024) & (K USD/Unit)
- Table 158. North America 3D Metrology Sales Price by Application (2025-2030) & (K USD/Unit)
- Table 159. North America 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 160. North America 3D Metrology Revenue Grow Rate by Country (2019-2024) &

(US\$ Million)

Table 161. North America 3D Metrology Revenue Grow Rate by Country (2025-2030) & (US\$ Million)

Table 162. North America 3D Metrology Sales by Country (2019 VS 2023 VS 2030) & (Units)

Table 163. North America 3D Metrology Sales by Country (2019-2024) & (Units)

Table 164. North America 3D Metrology Sales by Country (2025-2030) & (Units)

Table 165. North America 3D Metrology Sales Price by Country (2019-2024) & (K USD/Unit)

Table 166. North America 3D Metrology Sales Price by Country (2025-2030) & (K USD/Unit)

Table 167. U.S. 3D Metrology Revenue (2019-2030) & (US\$ Million)

Table 168. Canada 3D Metrology Revenue (2019-2030) & (US\$ Million)

Table 169. Europe 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)

Table 170. Europe 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)

Table 171. Europe 3D Metrology Sales by Type (2019-2024) & (Units)

Table 172. Europe 3D Metrology Sales by Type (2025-2030) & (Units)

Table 173. Europe 3D Metrology Sales Price by Type (2019-2024) & (K USD/Unit)

Table 174. Europe 3D Metrology Sales Price by Type (2025-2030) & (K USD/Unit)

Table 175. Europe 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)

Table 176. Europe 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)

Table 177. Europe 3D Metrology Sales by Application (2019-2024) & (Units)

Table 178. Europe 3D Metrology Sales by Application (2025-2030) & (Units)

Table 179. Europe 3D Metrology Sales Price by Application (2019-2024) & (K USD/Unit)

Table 180. Europe 3D Metrology Sales Price by Application (2025-2030) & (K USD/Unit)

Table 181. Europe 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030) & (US\$ Million)

Table 182. Europe 3D Metrology Revenue Grow Rate by Country (2019-2024) & (US\$ Million)

Table 183. Europe 3D Metrology Revenue Grow Rate by Country (2025-2030) & (US\$ Million)

Table 184. Europe 3D Metrology Sales by Country (2019 VS 2023 VS 2030) & (Units)

Table 185. Europe 3D Metrology Sales by Country (2019-2024) & (Units)

Table 186. Europe 3D Metrology Sales by Country (2025-2030) & (Units)

Table 187. Europe 3D Metrology Sales Price by Country (2019-2024) & (K USD/Unit)

Table 188. Europe 3D Metrology Sales Price by Country (2025-2030) & (K USD/Unit)

Table 189. Germany 3D Metrology Revenue (2019-2030) & (US\$ Million)

- Table 190. France 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 191. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 192. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 193. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 194. China 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)
- Table 195. China 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)
- Table 196. China 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 197. China 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 198. China 3D Metrology Sales Price by Type (2019-2024) & (K USD/Unit)
- Table 199. China 3D Metrology Sales Price by Type (2025-2030) & (K USD/Unit)
- Table 200. China 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)
- Table 201. China 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)
- Table 202. China 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 203. China 3D Metrology Sales by Application (2025-2030) & (Units)
- Table 204. China 3D Metrology Sales Price by Application (2019-2024) & (K USD/Unit)
- Table 205. China 3D Metrology Sales Price by Application (2025-2030) & (K USD/Unit)
- Table 206. Asia 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)
- Table 207. Asia 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)
- Table 208. Asia 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 209. Asia 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 210. Asia 3D Metrology Sales Price by Type (2019-2024) & (K USD/Unit)
- Table 211. Asia 3D Metrology Sales Price by Type (2025-2030) & (K USD/Unit)
- Table 212. Asia 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)
- Table 213. Asia 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)
- Table 214. Asia 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 215. Asia 3D Metrology Sales by Application (2025-2030) & (Units)
- Table 216. Asia 3D Metrology Sales Price by Application (2019-2024) & (K USD/Unit)
- Table 217. Asia 3D Metrology Sales Price by Application (2025-2030) & (K USD/Unit)
- Table 218. Asia 3D Metrology Revenue Grow Rate by Country (2019 VS 2023 VS 2030) & (US\$ Million)
- Table 219. Asia 3D Metrology Revenue Grow Rate by Country (2019-2024) & (US\$ Million)
- Table 220. Asia 3D Metrology Revenue Grow Rate by Country (2025-2030) & (US\$ Million)
- Table 221. Asia 3D Metrology Sales by Country (2019 VS 2023 VS 2030) & (Units)
- Table 222. Asia 3D Metrology Sales by Country (2019-2024) & (Units)
- Table 223. Asia 3D Metrology Sales by Country (2025-2030) & (Units)
- Table 224. Asia 3D Metrology Sales Price by Country (2019-2024) & (K USD/Unit)
- Table 225. Asia 3D Metrology Sales Price by Country (2025-2030) & (K USD/Unit)

- Table 226. Japan 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 227. South Korea 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 228. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 229. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 230. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 231. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 232. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 233. 3D Metrology Revenue (2019-2030) & (US\$ Million)
- Table 234. MEALA 3D Metrology Revenue by Type (2019-2024) & (US\$ Million)
- Table 235. MEALA 3D Metrology Revenue by Type (2025-2030) & (US\$ Million)
- Table 236. MEALA 3D Metrology Sales by Type (2019-2024) & (Units)
- Table 237. MEALA 3D Metrology Sales by Type (2025-2030) & (Units)
- Table 238. MEALA 3D Metrology Sales Price by Type (2019-2024) & (K USD/Unit)
- Table 239. MEALA 3D Metrology Sales Price by Type (2025-2030) & (K USD/Unit)
- Table 240. MEALA 3D Metrology Revenue by Application (2019-2024) & (US\$ Million)
- Table 241. MEALA 3D Metrology Revenue by Application (2025-2030) & (US\$ Million)
- Table 242. MEALA 3D Metrology Sales by Application (2019-2024) & (Units)
- Table 243. MEALA 3D Metrology Sales by Application (2025-2030) & (Units)
- Table 244. MEALA 3D Metrology Sales Price by Application (2019-2024) & (K USD/Unit)
- Table 245. MEALA 3D Metrology Sales Price by Application (2025-

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