

# **3D Scanning Market Size, Share & Trends Analysis Report By Product (Optical Scanner, Laser Scanner), By Range, By End-user, By Component, By Type, By Application, By Region, And Segment Forecasts, 2019 - 2025**

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## **Abstracts**

**This report can be delivered to the clients within 48 Business Hours**

The global 3D scanning market size is estimated to reach USD 8.04 billion by 2025, according to a new study by Grand View Research, Inc. It is anticipated to expand at a CAGR of 8.4% from 2019 to 2025. Increasing R&D spending and technological advancements are anticipated to drive the growth. The emergence of structured light technology, counter to the customary laser dot or laser line technology, is also estimated to fuel the growth.

The convergence of these technologies may provide enhanced interactive and immersive experiences. The increasing number of advanced wearable devices, complemented by portable and sophisticated 3D scanners, could potentially make the human-techno interaction more immersive, realistic, and adjunct with fabrication practices. The incipient trends, such as mixed reality, Internet of Things (IoT), and rising conjunction between a wearable device in automotive fabrication and aerospace -designing are anticipated to drive the market growth.

3D scanning technology is expected to significantly transform the healthcare sector, owing to the increasing number of applications. The technology helps the healthcare organizations improve their existing processes precisely and efficiently. The integration of 3D scanning and Mixed Reality (MR) technology in the medical field involves live interactive imaging for assisting medical students and physicians in their

medical practice. For instance, researchers are able to use 3D scanning and MR technology to help doctors conduct surgeries more effectively and teach complex subjects to medical students. 3D scanning can help direct neurosurgery navigation for minimally invasive interventions in simplified forms.

On the basis of product type, the 3D scanning market can be categorized into laser scanner, structure light scanner, optical scanner, and others. Optical scanners have been evolving gradually whereas the laser scanners have received acceptance owing to the launch of various innovative portable scanners. Increasing demand in industrial manufacturing, automotive designing is expected contribute to the market growth. A 3D scanner is used to capture straightforward and rigid dimensions of complex buildings and objects by deploying a laser medium. The modern-day intuitive touch-screen laser scanning models deliver increased clarity thereby conveying an astounding user experience.

Further key findings from the report suggest:

Adoption of 3D scanning technology in the Architecture, Engineering, and Construction (AEC) sectors is at a nascent stage. As the equipment and service costs of 3D scanners decrease, the opportunity for leveraging 3D scanning across the AEC sector is expected to become more tangible

The technology offers several potential benefits for project development, operations, and maintenance of existing assets, which are not completely realized by the customers

Asia Pacific is anticipated to witness immense growth opportunities from automotive and architectural sectors over the forecast period

Key players in the 3D scanning market include Nikon Metrology NV; Autodesk, Inc.; Hexagon AB; FARO Technologies; David Vision Systems GmbH; Basis Software, Inc.; Artec 3D; Fuel3D Technologies Limited; Creaform, Inc.; and GOM GmbH

## Contents

### CHAPTER 1 METHODOLOGY AND SCOPE

- 1.1 Market Segmentation & Scope
- 1.2 Market Definition
- 1.3 Information Procurement
  - 1.3.1 Purchased database
  - 1.3.2 GVR's internal database
  - 1.3.3 Secondary sources & third-party perspectives
  - 1.3.4 Primary research
- 1.4 Information analysis
  - 1.4.1 Data analysis models
- 1.5 Market formulation & data visualization
- 1.6 Data validation & publishing

### CHAPTER 2 EXECUTIVE SUMMARY

- 2.1 Market Outlook
  - 2.2.1 3D scanning - Industry Snapshot & Key Buying Criteria, 2014-2025

### CHAPTER 3 INDUSTRY OUTLOOK

- 3.1 Market Segmentation & Scope
- 3.2 3D scanning market size and growth prospects
- 3.3 3D Scanning - Value Chain Analysis
- 3.4 Market Dynamics
  - 3.4.1 Supplier/Vendor trends
  - 3.4.2 Buyers/Application trends
  - 3.4.3 Technology trends
  - 3.4.4 Regulatory trends
  - 3.4.5 Market driver analysis
    - 3.4.5.1 Enhanced automotive and aero-designing
    - 3.4.5.2 Persistent technological progressions
    - 3.4.5.3 Evolving 3D scanning solicitations in several viable sectors
  - 3.4.6 Market restraint analysis
    - 3.4.6.1 High cost & complicated installation procedure of advanced 3D Scanners
    - 3.4.6.2 Alternative to the 3D scanning technology
- 3.5 Penetration & Growth Prospect Mapping

- 3.6 Industry Analysis - Porter's Five Forces Analysis
  - 3.6.1 Supplier Power
  - 3.6.2 Buyer Power
  - 3.6.3 Substitution Threat
  - 3.6.4 Threat from new entrant
  - 3.6.5 Competitive rivalry
- 3.7 3D scanning market - Key company analysis, 2018
  - 3.7.1 Key company analysis, 2018
- 3.8 3D scanning - PEST Analysis
  - 3.8.1 Political Landscape
  - 3.8.2 Economic Landscape
  - 3.8.3 Social Landscape
  - 3.8.4 Technology Landscape

## **CHAPTER 4 3D SCANNING: PRODUCT TYPE ESTIMATES AND TREND ANALYSIS**

- 4.1 3D Scanning Market: Product Type Movement Analysis
  - 4.1.1 Laser scanner
    - 4.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)
  - 4.1.2 Structured light scanner
    - 4.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)
  - 4.1.3 Optical scanner
    - 4.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)
  - 4.1.4 Others
    - 4.1.4.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 5 3D SCANNING: RANGE ESTIMATES AND TREND ANALYSIS**

- 5.1 3D Scanning Market: Range Movement Analysis
  - 5.1.1 Short range
    - 5.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)
  - 5.1.2 Medium range
    - 5.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)
  - 5.1.3 Long range
    - 5.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 6 3D SCANNING: END-USER INDUSTRY ESTIMATES AND TREND ANALYSIS**

## 6.1 3D Scanning Market: End-user Industry Movement Analysis

### 6.1.1 Automotive

6.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 6.1.2 Aerospace & defense

6.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 6.1.3 Healthcare

6.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 6.1.4 Architecture & Construction

6.1.4.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 6.1.5 Others

6.1.5.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 7 3D SCANNING: COMPONENT ESTIMATES AND TREND ANALYSIS**

### 7.1 3D Scanning Market: Component Movement Analysis

#### 7.1.1 Hardware

7.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

#### 7.1.2 Software

7.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

#### 7.1.3 Service

7.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 8 3D SCANNING: TYPE ESTIMATES AND TREND ANALYSIS**

### 8.1 3D Scanning Market: Type Movement Analysis

#### 8.1.1 Tripod Mounted

8.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

#### 8.1.2 Fixed CMM Based

8.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

#### 8.1.3 Portable CMM Based

8.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

#### 8.1.4 Desktop

8.1.4.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 9 3D SCANNING: APPLICATION ESTIMATES AND TREND ANALYSIS**

### 9.1 3D Scanning Market: Application Movement Analysis

#### 9.1.1 Reverse Engineering

9.1.1.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.1.1 Quality Control & Inspection

9.1.2.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.1.1 Virtual Simulation

9.1.3.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

### 9.1.1 Others

9.1.4.1 Global market estimates and forecasts, 2014 - 2025 (USD Million)

## **CHAPTER 10 3D SCANNING: REGIONAL ESTIMATES & TREND ANALYSIS**

### 10.1 3D Scanning Market Share by Region, 2018 & 2025

#### 10.2 North America

##### 10.2.1 U.S.

10.2.1.1 U.S. 3D scanning market, 2014 - 2025

##### 10.2.2 Canada

10.2.2.1 Canada 3D scanning market, 2014 - 2025

##### 10.2.3 Mexico

10.2.3.1 Mexico 3D scanning market, 2014 - 2025

#### 10.3 Europe

##### 10.3.1 U.K.

10.3.1.1 U.K. 3D scanning market, 2014 - 2025

##### 10.3.2 Germany

10.3.2.1 Germany 3D scanning market, 2014 - 2025

##### 10.3.3 Spain

10.3.3.1 Spain 3D scanning market, 2014 - 2025

#### 10.4 Asia-Pacific

##### 10.4.1 China

10.4.1.1 China 3D scanning market, 2014 - 2025

##### 10.4.2 Japan

10.4.2.1 Japan 3D scanning market, 2014 - 2025

#### 10.5 South America

##### 10.5.1 Brazil

10.5.1.1 Brazil 3D scanning market, 2014 - 2025

#### 10.6 Middle East & Africa

10.6.1 Level 3D scanning market, 2014 - 2025

## **CHAPTER 11 COMPETITIVE LANDSCAPE**

### 11.1 Company Profiles

11.1.1 Nikon Metrology NV

- 11.1.1.1 Company Overview
- 11.1.1.2 Product Benchmarking
- 11.1.1.3 Recent Developments
- 11.1.2 Autodesk, Inc.
  - 11.1.2.1 Company Overview
  - 11.1.2.2 Financial Performance
  - 11.1.2.3 Product Benchmarking
  - 11.1.2.4 Recent Developments
- 11.1.3 Hexagon AB
  - 11.1.3.1 Company overview
  - 11.1.3.2 Financial performance
  - 11.1.3.3 Product benchmarking
  - 11.1.3.4 Strategic initiatives
- 11.1.4 FARO Technologies
  - 11.1.4.1 Company overview
  - 11.1.4.2 Financial performance
  - 11.1.4.3 Product benchmarking
  - 11.1.4.4 Recent developments
- 11.1.5 David Vision Systems GmbH
  - 11.1.5.1 Company Overview
  - 11.1.5.2 Product Benchmarking
  - 11.1.5.3 Recent Developments
- 11.1.6 Basis Software, Inc.
  - 11.1.6.1 Company Overview
  - 11.1.6.2 Product Benchmarking
  - 11.1.6.3 Recent Developments
- 11.1.7 Artec 3D
  - 11.1.7.1 Company Overview
  - 11.1.7.2 Product Benchmarking
  - 11.1.7.3 Recent Developments
- 11.1.8 Fuel3D Technologies Limited
  - 11.1.8.1 Company Overview
  - 11.1.8.2 Product Benchmarking
- 11.1.9 Creaform, Inc.
  - 11.1.9.1 Company Overview
  - 11.1.9.2 Product Benchmarking
  - 11.1.9.3 Recent Developments
- 11.1.10 GOM GmbH
  - 11.1.10.1 Company Overview

## 11.1.10.2 Product Benchmarking



## List Of Tables

### LIST OF TABLES

- TABLE 1 3D scanning - Industry snapshot & key buying criteria, 2014 - 2025
- TABLE 2 Global 3D scanning market (USD Million), 2014 - 2025
- TABLE 3 Global 3D scanning market by region, (USD Million), 2014 - 2025
- TABLE 4 Global 3D scanning market by product, (USD Million), 2014 - 2025
- TABLE 5 Global 3D scanning market by range, (USD Million), 2014 - 2025
- TABLE 6 Global 3D scanning market by application type, (USD Million), 2014 - 2025
- TABLE 7 3D scanning- Key market driver impact
- TABLE 8 Global 3D laser scanner market by region, 2014 - 2025 (USD Million)
- TABLE 9 Global 3D structured light scanner market by region, 2014 - 2025 (USD Million)
- TABLE 10 Global 3D optical scanner market by region, 2014 - 2025 (USD Million)
- TABLE 11 Global short range 3D scanners market by region, 2014 - 2025 (USD Million)
- TABLE 12 Global medium range 3D scanners market by region, 2014 - 2025 (USD Million)
- TABLE 13 Global long range 3D scanners market by region, 2014 - 2025 (USD Million)
- TABLE 14 Global 3D scanning automotive market by region, 2014 - 2025 (USD Million)
- TABLE 15 Global 3D scanning aerospace & defense market by region, 2014 - 2025 (USD Million)
- TABLE 16 Global 3D scanning healthcare market by region, 2014 - 2025 (USD Million)
- TABLE 17 Global 3D scanning architecture & construction market by region, 2014 - 2025 (USD Million)
- TABLE 18 Global 3D scanning other applications market by region, 2014 - 2025 (USD Million)
- TABLE 19 North America 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 20 North America 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 21 North America 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 22 U.S. 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 23 U.S. 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 24 U.S. 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 25 Canada 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 26 Canada 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 27 Canada 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 28 Mexico 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 29 Mexico 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 30 Mexico 3D scanning market by application, 2014 - 2025 (USD Million)

- TABLE 31 Europe 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 32 Europe 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 33 Europe 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 34 U.K. 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 35 U.K. 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 36 U.K. 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 37 Germany 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 38 Germany 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 39 Germany 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 40 Spain 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 41 Spain 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 42 Spain 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 43 Asia-Pacific 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 44 Asia Pacific 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 45 Asia Pacific 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 46 China 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 47 China 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 48 China 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 49 Japan 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 50 Japan 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 51 Japan 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 52 South America 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 53 South America 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 54 South America 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 55 Brazil 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 56 Brazil 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 57 Brazil 3D scanning market by application, 2014 - 2025 (USD Million)
- TABLE 58 Middle East & Africa 3D scanning market by product, 2014 - 2025 (USD Million)
- TABLE 59 Middle East & Africa 3D scanning market by range, 2014 - 2025 (USD Million)
- TABLE 60 Middle East & Africa 3D scanning market by application, 2014 - 2025 (USD Million)

## List Of Figures

### LIST OF FIGURES

- FIG. 1 Market segmentation & scope
- FIG. 2 3D scanning market size and growth prospects (Revenue, USD Million)
- FIG. 3 3D scanning - Value chain analysis
- FIG. 4 Market dynamics
- FIG. 5 3D scanning market dynamics
- FIG. 6 Porter's Five Forces Analysis
- FIG. 7 3D scanning - Key company analysis, 2018
- FIG. 8 3D scanning - PEST analysis
- FIG. 9 3D scanning market product outlook key takeaways
- FIG. 10 3D scanning market: Application type movement analysis
- FIG. 11 Global 3D laser scanner market, 2014 - 2025 (USD Million)
- FIG. 12 Global 3D structured light scanner market, 2014 - 2025 (USD Million)
- FIG. 13 Global 3D optical scanner market, 2014 - 2025 (USD Million)
- FIG. 14 3D scanning market range outlook key takeaways
- FIG. 15 3D scanning market: Range movement analysis
- FIG. 16 Global short range 3D scanners market, 2014 - 2025 (USD Million)
- FIG. 17 Global medium range 3D scanners market, 2014 - 2025 (USD Million)
- FIG. 18 Global long range 3D scanners market, 2014 - 2025 (USD Million)
- FIG. 19 3D scanning market application type outlook key takeaways
- FIG. 20 3D scanning market: Application type movement analysis
- FIG. 21 Global 3D scanning automotive market, 2014 - 2025 (USD Million)
- FIG. 22 Global 3D scanning aerospace & defense market, 2014 - 2025 (USD Million)
- FIG. 23 Global 3D scanning healthcare market, 2014 - 2025 (USD Million)
- FIG. 24 .Global 3D scanning architecture & construction market, 2014 - 2025 (USD Million)
- FIG. 25 Global 3D scanning other applications market, 2014 - 2025 (USD Million)
- FIG. 26 Regional marketplace: Key takeaways
- FIG. 27 Regional outlook, 2018 & 2025
- FIG. 28 North America 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 29 North America 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 30 North America 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 31 U.S. 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 32 U.S. 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 33 U.S. 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 34 Canada 3D scanning market by product, 2014 - 2025 (USD Million)

- FIG. 35 Canada 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 36 Canada 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 37 Mexico 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 38 Mexico 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 39 Mexico 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 40 Europe 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 41 Europe 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 42 Europe 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 43 U.K. 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 44 U.K. 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 45 U.K. 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 46 Germany 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 47 Germany 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 48 Germany 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 49 Spain 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 50 Spain 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 51 Spain 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 52 Asia-Pacific 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 53 Asia Pacific 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 54 Asia Pacific 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 55 China 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 56 China 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 57 China 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 58 Japan 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 59 Japan 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 60 Japan 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 61 South America 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 62 South America 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 63 South America 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 64 Brazil 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 65 Brazil 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 66 Brazil 3D scanning market by application, 2014 - 2025 (USD Million)
- FIG. 67 Middle East & Africa 3D scanning market by product, 2014 - 2025 (USD Million)
- FIG. 68 Middle East & Africa 3D scanning market by range, 2014 - 2025 (USD Million)
- FIG. 69 Middle East & Africa 3D scanning market by application, 2014 - 2025 (USD Million)

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