

Global Digital Inspection Market 2018 by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

The digital inspection market has been segmented on the basis of dimension into 2D and 3D. 3D accounted for a larger share of the market in 2017 and is expected to grow at a higher CAGR during the forecast period. 3D helps overcome the limitations of 2D techniques and offers added advantages to manufacturers to inspect beyond 2 planes of a product and volumetric height, allowing for 100% inspection and detection of defects in a product.

Scope of the Report:

This report studies the Digital Inspection market status and outlook of Global and major regions, from angles of players, countries, product types and end industries; this report analyzes the top players in global market, and splits the Digital Inspection market by product type and applications/end industries.

The digital inspection market has been segmented on the basis of technology into machine vision, metrology, and NDT. Metrology accounted for the largest share of the market in 2017. The demand for metrology is driven by the rising need for accurate inspection of 3D data used for modeling and analysis of 3D models, growing focus on quality control, inability of traditional measurement devices to address several manufacturing issues, and growing automation and in-line metrology. The market for NDT is expected to grow at the highest CAGR between 2018 and 2023. The growth of this market can be attributed to the continuous advancements in electronics, and automation and robotics, and the increasing adoption of IoT solutions.

The global Digital Inspection market is valued at xx million USD in 2017 and is expected to reach xx million USD by the end of 2023, growing at a CAGR of 7.2% between 2017 and 2023.

The Asia-Pacific will occupy for more market share in following years, especially in China, also fast growing India and Southeast Asia regions. North America, especially The United States, will still play an important role which cannot be ignored. Any changes from United States might affect the development trend of Digital Inspection. Europe also play important roles in global market, with market size of xx million USD in 2017 and will be xx million USD in 2023, with a CAGR of xx%.

Market Segment by Companies, this report covers

General Electric

Mistras Group

Olympus

Hexagon

Cognex

Nikon

Zetec

Faro Technologies

Basler

Omron

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Hardware

Software

Services

Market Segment by Applications, can be divided into

Manufacturing

Electronics and Semiconductor

Oil & Gas

Aerospace & Defense

Automotive

Energy and Power

Public Infrastructure

Food and Pharmaceuticals

Others

Contents

1 DIGITAL INSPECTION MARKET OVERVIEW

- 1.1 Product Overview and Scope of Digital Inspection
- 1.2 Classification of Digital Inspection by Types
 - 1.2.1 Global Digital Inspection Revenue Comparison by Types (2017-2023)
 - 1.2.2 Global Digital Inspection Revenue Market Share by Types in 2017
 - 1.2.3 Hardware
 - 1.2.4 Software
 - 1.2.5 Services
- 1.3 Global Digital Inspection Market by Application
 - 1.3.1 Global Digital Inspection Market Size and Market Share Comparison by Applications (2013-2023)
 - 1.3.2 Manufacturing
 - 1.3.3 Electronics and Semiconductor
 - 1.3.4 Oil & Gas
 - 1.3.5 Aerospace & Defense
 - 1.3.6 Automotive
 - 1.3.7 Energy and Power
 - 1.3.8 Public Infrastructure
 - 1.3.9 Food and Pharmaceuticals
 - 1.3.10 Others
- 1.4 Global Digital Inspection Market by Regions
 - 1.4.1 Global Digital Inspection Market Size (Million USD) Comparison by Regions (2013-2023)
 - 1.4.1 North America (USA, Canada and Mexico) Digital Inspection Status and Prospect (2013-2023)
 - 1.4.2 Europe (Germany, France, UK, Russia and Italy) Digital Inspection Status and Prospect (2013-2023)
 - 1.4.3 Asia-Pacific (China, Japan, Korea, India and Southeast Asia) Digital Inspection Status and Prospect (2013-2023)
 - 1.4.4 South America (Brazil, Argentina, Colombia) Digital Inspection Status and Prospect (2013-2023)
 - 1.4.5 Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa) Digital Inspection Status and Prospect (2013-2023)
- 1.5 Global Market Size of Digital Inspection (2013-2023)

2 MANUFACTURERS PROFILES

2.1 General Electric

2.1.1 Business Overview

2.1.2 Digital Inspection Type and Applications

2.1.2.1 Product A

2.1.2.2 Product B

2.1.3 General Electric Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.2 Mistras Group

2.2.1 Business Overview

2.2.2 Digital Inspection Type and Applications

2.2.2.1 Product A

2.2.2.2 Product B

2.2.3 Mistras Group Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.3 Olympus

2.3.1 Business Overview

2.3.2 Digital Inspection Type and Applications

2.3.2.1 Product A

2.3.2.2 Product B

2.3.3 Olympus Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.4 Hexagon

2.4.1 Business Overview

2.4.2 Digital Inspection Type and Applications

2.4.2.1 Product A

2.4.2.2 Product B

2.4.3 Hexagon Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.5 Cognex

2.5.1 Business Overview

2.5.2 Digital Inspection Type and Applications

2.5.2.1 Product A

2.5.2.2 Product B

2.5.3 Cognex Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.6 Nikon

2.6.1 Business Overview

2.6.2 Digital Inspection Type and Applications

2.6.2.1 Product A

2.6.2.2 Product B

2.6.3 Nikon Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.7 Zetec

2.7.1 Business Overview

2.7.2 Digital Inspection Type and Applications

2.7.2.1 Product A

2.7.2.2 Product B

2.7.3 Zetec Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.8 Faro Technologies

2.8.1 Business Overview

2.8.2 Digital Inspection Type and Applications

2.8.2.1 Product A

2.8.2.2 Product B

2.8.3 Faro Technologies Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.9 Basler

2.9.1 Business Overview

2.9.2 Digital Inspection Type and Applications

2.9.2.1 Product A

2.9.2.2 Product B

2.9.3 Basler Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

2.10 Omron

2.10.1 Business Overview

2.10.2 Digital Inspection Type and Applications

2.10.2.1 Product A

2.10.2.2 Product B

2.10.3 Omron Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

3 GLOBAL DIGITAL INSPECTION MARKET COMPETITION, BY PLAYERS

3.1 Global Digital Inspection Revenue and Share by Players (2013-2018)

3.2 Market Concentration Rate

3.2.1 Top 5 Digital Inspection Players Market Share

3.2.2 Top 10 Digital Inspection Players Market Share

3.3 Market Competition Trend

4 GLOBAL DIGITAL INSPECTION MARKET SIZE BY REGIONS

- 4.1 Global Digital Inspection Revenue and Market Share by Regions
- 4.2 North America Digital Inspection Revenue and Growth Rate (2013-2018)
- 4.3 Europe Digital Inspection Revenue and Growth Rate (2013-2018)
- 4.4 Asia-Pacific Digital Inspection Revenue and Growth Rate (2013-2018)
- 4.5 South America Digital Inspection Revenue and Growth Rate (2013-2018)
- 4.6 Middle East and Africa Digital Inspection Revenue and Growth Rate (2013-2018)

5 NORTH AMERICA DIGITAL INSPECTION REVENUE BY COUNTRIES

- 5.1 North America Digital Inspection Revenue by Countries (2013-2018)
- 5.2 USA Digital Inspection Revenue and Growth Rate (2013-2018)
- 5.3 Canada Digital Inspection Revenue and Growth Rate (2013-2018)
- 5.4 Mexico Digital Inspection Revenue and Growth Rate (2013-2018)

6 EUROPE DIGITAL INSPECTION REVENUE BY COUNTRIES

- 6.1 Europe Digital Inspection Revenue by Countries (2013-2018)
- 6.2 Germany Digital Inspection Revenue and Growth Rate (2013-2018)
- 6.3 UK Digital Inspection Revenue and Growth Rate (2013-2018)
- 6.4 France Digital Inspection Revenue and Growth Rate (2013-2018)
- 6.5 Russia Digital Inspection Revenue and Growth Rate (2013-2018)
- 6.6 Italy Digital Inspection Revenue and Growth Rate (2013-2018)

7 ASIA-PACIFIC DIGITAL INSPECTION REVENUE BY COUNTRIES

- 7.1 Asia-Pacific Digital Inspection Revenue by Countries (2013-2018)
- 7.2 China Digital Inspection Revenue and Growth Rate (2013-2018)
- 7.3 Japan Digital Inspection Revenue and Growth Rate (2013-2018)
- 7.4 Korea Digital Inspection Revenue and Growth Rate (2013-2018)
- 7.5 India Digital Inspection Revenue and Growth Rate (2013-2018)
- 7.6 Southeast Asia Digital Inspection Revenue and Growth Rate (2013-2018)

8 SOUTH AMERICA DIGITAL INSPECTION REVENUE BY COUNTRIES

- 8.1 South America Digital Inspection Revenue by Countries (2013-2018)
- 8.2 Brazil Digital Inspection Revenue and Growth Rate (2013-2018)
- 8.3 Argentina Digital Inspection Revenue and Growth Rate (2013-2018)
- 8.4 Colombia Digital Inspection Revenue and Growth Rate (2013-2018)

9 MIDDLE EAST AND AFRICA REVENUE DIGITAL INSPECTION BY COUNTRIES

- 9.1 Middle East and Africa Digital Inspection Revenue by Countries (2013-2018)
- 9.2 Saudi Arabia Digital Inspection Revenue and Growth Rate (2013-2018)
- 9.3 UAE Digital Inspection Revenue and Growth Rate (2013-2018)
- 9.4 Egypt Digital Inspection Revenue and Growth Rate (2013-2018)
- 9.5 Nigeria Digital Inspection Revenue and Growth Rate (2013-2018)
- 9.6 South Africa Digital Inspection Revenue and Growth Rate (2013-2018)

10 GLOBAL DIGITAL INSPECTION MARKET SEGMENT BY TYPE

- 10.1 Global Digital Inspection Revenue and Market Share by Type (2013-2018)
- 10.2 Global Digital Inspection Market Forecast by Type (2018-2023)
- 10.3 Hardware Revenue Growth Rate (2013-2023)
- 10.4 Software Revenue Growth Rate (2013-2023)
- 10.5 Services Revenue Growth Rate (2013-2023)

11 GLOBAL DIGITAL INSPECTION MARKET SEGMENT BY APPLICATION

- 11.1 Global Digital Inspection Revenue Market Share by Application (2013-2018)
- 11.2 Digital Inspection Market Forecast by Application (2018-2023)
- 11.3 Manufacturing Revenue Growth (2013-2018)
- 11.4 Electronics and Semiconductor Revenue Growth (2013-2018)
- 11.5 Oil & Gas Revenue Growth (2013-2018)
- 11.6 Aerospace & Defense Revenue Growth (2013-2018)
- 11.7 Automotive Revenue Growth (2013-2018)
- 11.8 Energy and Power Revenue Growth (2013-2018)
- 11.9 Public Infrastructure Revenue Growth (2013-2018)
- 11.10 Food and Pharmaceuticals Revenue Growth (2013-2018)
- 11.11 Others Revenue Growth (2013-2018)

12 GLOBAL DIGITAL INSPECTION MARKET SIZE FORECAST (2018-2023)

- 12.1 Global Digital Inspection Market Size Forecast (2018-2023)
- 12.2 Global Digital Inspection Market Forecast by Regions (2018-2023)
- 12.3 North America Digital Inspection Revenue Market Forecast (2018-2023)
- 12.4 Europe Digital Inspection Revenue Market Forecast (2018-2023)
- 12.5 Asia-Pacific Digital Inspection Revenue Market Forecast (2018-2023)

12.6 South America Digital Inspection Revenue Market Forecast (2018-2023)

12.7 Middle East and Africa Digital Inspection Revenue Market Forecast (2018-2023)

13 RESEARCH FINDINGS AND CONCLUSION

14 APPENDIX

14.1 Methodology

14.2 Data Source

List Of Tables

LIST OF TABLES AND FIGURES

Figure Digital Inspection Picture

Table Product Specifications of Digital Inspection

Table Global Digital Inspection and Revenue (Million USD) Market Split by Product Type

Figure Global Digital Inspection Revenue Market Share by Types in 2017

Figure Hardware Picture

Figure Software Picture

Figure Services Picture

Table Global Digital Inspection Revenue (Million USD) by Application (2013-2023)

Figure Digital Inspection Revenue Market Share by Applications in 2017

Figure Manufacturing Picture

Figure Electronics and Semiconductor Picture

Figure Oil & Gas Picture

Figure Aerospace & Defense Picture

Figure Automotive Picture

Figure Energy and Power Picture

Figure Public Infrastructure Picture

Figure Food and Pharmaceuticals Picture

Figure Others Picture

Table Global Market Digital Inspection Revenue (Million USD) Comparison by Regions 2013-2023

Figure North America Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Figure Europe Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Figure Asia-Pacific Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Figure South America Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Figure Middle East and Africa Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Figure Global Digital Inspection Revenue (Million USD) and Growth Rate (2013-2023)

Table General Electric Basic Information, Manufacturing Base and Competitors

Table General Electric Digital Inspection Type and Applications

Table General Electric Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)

Table Mistras Group Basic Information, Manufacturing Base and Competitors
Table Mistras Group Digital Inspection Type and Applications
Table Mistras Group Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Olympus Basic Information, Manufacturing Base and Competitors
Table Olympus Digital Inspection Type and Applications
Table Olympus Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Hexagon Basic Information, Manufacturing Base and Competitors
Table Hexagon Digital Inspection Type and Applications
Table Hexagon Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Cognex Basic Information, Manufacturing Base and Competitors
Table Cognex Digital Inspection Type and Applications
Table Cognex Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Nikon Basic Information, Manufacturing Base and Competitors
Table Nikon Digital Inspection Type and Applications
Table Nikon Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Zetec Basic Information, Manufacturing Base and Competitors
Table Zetec Digital Inspection Type and Applications
Table Zetec Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Faro Technologies Basic Information, Manufacturing Base and Competitors
Table Faro Technologies Digital Inspection Type and Applications
Table Faro Technologies Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Basler Basic Information, Manufacturing Base and Competitors
Table Basler Digital Inspection Type and Applications
Table Basler Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Omron Basic Information, Manufacturing Base and Competitors
Table Omron Digital Inspection Type and Applications
Table Omron Digital Inspection Revenue, Gross Margin and Market Share (2016-2017)
Table Global Digital Inspection Revenue (Million USD) by Players (2013-2018)
Table Global Digital Inspection Revenue Share by Players (2013-2018)
Figure Global Digital Inspection Revenue Share by Players in 2016
Figure Global Digital Inspection Revenue Share by Players in 2017
Figure Global Top 5 Players Digital Inspection Revenue Market Share in 2017
Figure Global Top 10 Players Digital Inspection Revenue Market Share in 2017
Figure Global Digital Inspection Revenue (Million USD) and Growth Rate (%) (2013-2018)

Table Global Digital Inspection Revenue (Million USD) by Regions (2013-2018)
Table Global Digital Inspection Revenue Market Share by Regions (2013-2018)
Figure Global Digital Inspection Revenue Market Share by Regions (2013-2018)
Figure Global Digital Inspection Revenue Market Share by Regions in 2017
Figure North America Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Europe Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Asia-Pacific Digital Inspection Revenue and Growth Rate (2013-2018)
Figure South America Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Middle East and Africa Digital Inspection Revenue and Growth Rate (2013-2018)
Table North America Digital Inspection Revenue by Countries (2013-2018)
Table North America Digital Inspection Revenue Market Share by Countries (2013-2018)
Figure North America Digital Inspection Revenue Market Share by Countries (2013-2018)
Figure North America Digital Inspection Revenue Market Share by Countries in 2017
Figure USA Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Canada Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Mexico Digital Inspection Revenue and Growth Rate (2013-2018)
Table Europe Digital Inspection Revenue (Million USD) by Countries (2013-2018)
Figure Europe Digital Inspection Revenue Market Share by Countries (2013-2018)
Figure Europe Digital Inspection Revenue Market Share by Countries in 2017
Figure Germany Digital Inspection Revenue and Growth Rate (2013-2018)
Figure UK Digital Inspection Revenue and Growth Rate (2013-2018)
Figure France Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Russia Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Italy Digital Inspection Revenue and Growth Rate (2013-2018)
Table Asia-Pacific Digital Inspection Revenue (Million USD) by Countries (2013-2018)
Figure Asia-Pacific Digital Inspection Revenue Market Share by Countries (2013-2018)
Figure Asia-Pacific Digital Inspection Revenue Market Share by Countries in 2017
Figure China Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Japan Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Korea Digital Inspection Revenue and Growth Rate (2013-2018)
Figure India Digital Inspection Revenue and Growth Rate (2013-2018)
Figure Southeast Asia Digital Inspection Revenue and Growth Rate (2013-2018)
Table South America Digital Inspection Revenue by Countries (2013-2018)
Table South America Digital Inspection Revenue Market Share by Countries (2013-2018)
Figure South America Digital Inspection Revenue Market Share by Countries (2013-2018)

Figure South America Digital Inspection Revenue Market Share by Countries in 2017

Figure Brazil Digital Inspection Revenue and Growth Rate (2013-2018)

Figure Argentina Digital Inspection Revenue and Growth Rate (2013-2018)

Figure Colombia Digital Inspection Revenue and Growth Rate (2013-2018)

Table Middle East and Africa Digital Inspection Revenue (Million USD) by Countries (2013-2018)

Table Middle East and Africa Digital Inspection Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Digital Inspection Revenue Market Share by Countries (2013-2018)

Figure Middle East and Africa Digital Inspection Revenue Market Share by Countries in 2017

Figure Saudi Arabia Digital Inspection Revenue and Growth Rate (2013-2018)

Figure UAE Digital Inspection Revenue and Growth Rate (2013-2018)

Figure Egypt Digital Inspection Revenue and Growth Rate (2013-2018)

Figure Nigeria Digital Inspection Revenue and Growth Rate (2013-2018)

Figure South Africa Digital Inspection Revenue and Growth Rate (2013-2018)

Table Global Digital Inspection Revenue (Million USD) by Type (2013-2018)

Table Global Digital Inspection Revenue Share by Type (2013-2018)

Figure Global Digital Inspection Revenue Share by Type (2013-2018)

Figure Global Digital Inspection Revenue Share by Type in 2017

Table Global Digital Inspection Revenue Forecast by Type (2018-2023)

Figure Global Digital Inspection Market Share Forecast by Type (2018-2023)

Figure Global Hardware Revenue Growth Rate (2013-2018)

Figure Global Software Revenue Growth Rate (2013-2018)

Figure Global Services Revenue Growth Rate (2013-2018)

Table Global Digital Inspection Revenue by Application (2013-2018)

Table Global Digital Inspection Revenue Share by Application (2013-2018)

Figure Global Digital Inspection Revenue Share by Application (2013-2018)

Figure Global Digital Inspection Revenue Share by Application in 2017

Table Global Digital Inspection Revenue Forecast by Application (2018-2023)

Figure Global Digital Inspection Market Share Forecast by Application (2018-2023)

Figure Global Manufacturing Revenue Growth Rate (2013-2018)

Figure Global Electronics and Semiconductor Revenue Growth Rate (2013-2018)

Figure Global Oil & Gas Revenue Growth Rate (2013-2018)

Figure Global Aerospace & Defense Revenue Growth Rate (2013-2018)

Figure Global Automotive Revenue Growth Rate (2013-2018)

Figure Global Energy and Power Revenue Growth Rate (2013-2018)

Figure Global Public Infrastructure Revenue Growth Rate (2013-2018)

Figure Global Food and Pharmaceuticals Revenue Growth Rate (2013-2018)

Figure Global Others Revenue Growth Rate (2013-2018)

Figure Global Digital Inspection Revenue (Million USD) and Growth Rate Forecast (2018 -2023)

Table Global Digital Inspection Revenue (Million USD) Forecast by Regions (2018-2023)

Figure Global Digital Inspection Revenue Market Share Forecast by Regions (2018-2023)

Figure North America Digital Inspection Revenue Market Forecast (2018-2023)

Figure Europe Digital Inspection Revenue Market Forecast (2018-2023)

Figure Asia-Pacific Digital Inspection Revenue Market Forecast (2018-2023)

Figure South America Digital Inspection Revenue Market Forecast (2018-2023)

Figure Middle East and Africa Digital Inspection Revenue Market Forecast (2018-2023)

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