

Inspection Robot Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Inspection Robot Trends and Forecast

The future of the global inspection robot market looks promising with opportunities in the oil & gas, food & beverage, pharmaceutical, and electronic sectors. The global inspection robot market is expected to reach an estimated \$2.6 billion by 2030 with a CAGR of 26,7% from 2024 to 2030. The major drivers for this market are growing use of these robots to inspect objects that cannot be seen by the human eye, rising concern towards safety of employees in manufacturing units, and rising demand for IoT based inspection robots.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Inspection Robot by Segment

The study includes a forecast for the global inspection robot by robot type, testing type, end use industry, and region.

Inspection Robot Market by Robot Type [Shipment Analysis by Value from 2018 to 2030]:

Stationary Robotic Arm

Mobile Robots

Inspection Robot Market by Testing Type [Shipment Analysis by Value from 2018 to 2030]:

Automated Metrology

Non-Destructive Inspection

Inspection Robot Market by End Use Industry [Shipment Analysis by Value from 2018 to 2030]:

Oil & Gas

Food & Beverage

Pharmaceutical

Electronics

Others

Inspection Robot Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Inspection Robot Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments,

infrastructural development, and leverage integration opportunities across the value chain. With these strategies inspection robot companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the inspection robot companies profiled in this report include-

JH Robotics

Montrose Technologies

Eddyfi Technologies

Genesis Systems

Universal Robots

Invert Robotics

Shenzhen SROD Industrial

Waygate Technologies

Gecko Robotics

Honeybee Robotics

Inspection Robot Market Insights

Lucintel forecasts that mobile robot is expected to witness highest growth over the forecast period.

Oil & gas is expected to witness highest growth over the forecast period due to considerable use of inspection robots in this sector to inspect crucial parts such as pipes, columns, reactors, pressure vessels, and tank boilers.

APAC is expected to witness highest growth over the forecast period due to increasing use of inspection robots in various end use industries, such as automotive, food & beverage, and oil & gas of the region.

Features of the Global Inspection Robot Market

Market Size Estimates: Inspection robot market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Inspection robot market size by robot type, testing type, end use industry, and region in terms of value (\$B).

Regional Analysis: Inspection robot market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different robot types, testing types, end use industries, and regions for the inspection robot market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the inspection robot market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q.1 What is the inspection robot market size?

Answer: The global inspection robot market is expected to reach an estimated \$2.6 billion by 2030.

Q.2 What is the growth forecast for inspection robot market?

Answer: The global inspection robot market is expected to grow with a CAGR of 26,7% from 2024 to 2030.

Q.3 What are the major drivers influencing the growth of the inspection robot market?

Answer: The major drivers for this market are growing use of these robots to inspect objects that cannot be seen by the human eye, rising concern towards safety of employees in manufacturing units, and rising demand for IoT based inspection robots.

Q4. What are the major segments for inspection robot market?

Answer: The future of the inspection robot market looks promising with opportunities in the oil & gas, food & beverage, pharmaceutical, and electronic sectors.

Q5. Who are the key inspection robot market companies?

Answer: Some of the key inspection robot companies are as follows:

JH Robotics

Montrose Technologies

Eddyfi Technologies

Genesis Systems

Universal Robots

Invert Robotics

Shenzhen SROD Industrial

Waygate Technologies

Gecko Robotics

Honeybee Robotics

Q6. Which inspection robot market segment will be the largest in future?

Answer: Lucintel forecasts that mobile robot is expected to witness highest growth over the forecast period.

Q7. In inspection robot market, which region is expected to be the largest in next 5 years?

Answer: APAC is expected to witness highest growth over the forecast period due to increasing use of inspection robots in various end use industries, such as automotive, food & beverage, and oil & gas of the region.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the inspection robot market by robot type (stationary robotic arm and mobile robots), testing type (automated metrology and non-destructive inspection), end use industry (oil & gas, food & beverage, pharmaceutical, electronics, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been

on the industry?

For any questions related to Inspection Robot Market, Inspection Robot Market Size, Inspection Robot Market Growth, Inspection Robot Market Analysis, Inspection Robot Market Report, Inspection Robot Market Share, Inspection Robot Market Trends, Inspection Robot Market Forecast, Inspection Robot Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL INSPECTION ROBOT MARKET : MARKET DYNAMICS

2.1: Introduction, Background, and Classifications

2.2: Supply Chain

2.3: Industry Drivers and Challenges

3. MARKET TRENDS AND FORECAST ANALYSIS FROM 2018 TO 2030

3.1. Macroeconomic Trends (2018-2023) and Forecast (2024-2030)

3.2. Global Inspection Robot Market Trends (2018-2023) and Forecast (2024-2030)

3.3: Global Inspection Robot Market by Robot Type

3.3.1: Stationary Robotic Arm

3.3.2: Mobile Robots

3.4: Global Inspection Robot Market by Testing Type

3.4.1: Automated Metrology

3.4.2: Non-Destructive Inspection

3.5: Global Inspection Robot Market by End Use Industry

3.5.1: Oil & Gas

3.5.2: Food & Beverage

3.5.3: Pharmaceutical

3.5.4: Electronics

3.5.5: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2018 TO 2030

4.1: Global Inspection Robot Market by Region

4.2: North American Inspection Robot Market

4.2.2: North American Inspection Robot Market by End Use Industry: Oil & Gas, Food & Beverage, Pharmaceutical, Electronics, and Others

4.3: European Inspection Robot Market

4.3.1: European Inspection Robot Market by Robot Type: Stationary Robotic Arm and Mobile Robots

4.3.2: European Inspection Robot Market by End Use Industry: Oil & Gas, Food & Beverage, Pharmaceutical, Electronics, and Others

4.4: APAC Inspection Robot Market

4.4.1: APAC Inspection Robot Market by Robot Type: Stationary Robotic Arm and Mobile Robots

4.4.2: APAC Inspection Robot Market by End Use Industry: Oil & Gas, Food & Beverage, Pharmaceutical, Electronics, and Others

4.5: ROW Inspection Robot Market

4.5.1: ROW Inspection Robot Market by Robot Type: Stationary Robotic Arm and Mobile Robots

4.5.2: ROW Inspection Robot Market by End Use Industry: Oil & Gas, Food & Beverage, Pharmaceutical, Electronics, and Others

5. COMPETITOR ANALYSIS

5.1: Product Portfolio Analysis

5.2: Operational Integration

5.3: Porter's Five Forces Analysis

6. GROWTH OPPORTUNITIES AND STRATEGIC ANALYSIS

6.1: Growth Opportunity Analysis

6.1.1: Growth Opportunities for the Global Inspection Robot Market by Robot Type

6.1.2: Growth Opportunities for the Global Inspection Robot Market by Testing Type

6.1.3: Growth Opportunities for the Global Inspection Robot Market by End Use Industry

6.1.4: Growth Opportunities for the Global Inspection Robot Market by Region

6.2: Emerging Trends in the Global Inspection Robot Market

6.3: Strategic Analysis

6.3.1: New Product Development

6.3.2: Capacity Expansion of the Global Inspection Robot Market

6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Inspection Robot Market

6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

7.1: JH Robotics

7.2: Montrose Technologies

7.3: Eddyfi Technologies

7.4: Genesis Systems

7.5: Universal Robots

- 7.6: Invert Robotics
- 7.7: Shenzhen SROD Industrial
- 7.8: Waygate Technologies
- 7.9: Gecko Robotics
- 7.10: Honeybee Robotics

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