

# **Cargo Scanning Equipment Market Outlook 2025-2034: Market Share, and Growth Analysis By Equipment Type (Narcotics Trace Detectors, Non- Computed Tomography, X-Ray Scanners, Explosive Trace Detectors (ETDs), Radiation Detectors, Other Equipment Type), By Cargo Size (Small Parcels, Break Pallet Cargo, Oversized Cargo), By End-User**

<https://marketpublishers.com/r/C5FADAC28978EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: C5FADAC28978EN

## **Abstracts**

The Cargo Scanning Equipment Market is valued at USD 4.9 billion in 2025 and is projected to grow at a CAGR of 8.6% to reach USD 10.3 billion by 2034. Cargo scanning equipment encompasses a range of technologies designed to non-invasively inspect the contents of cargo containers, vehicles, and packages. These systems, which include X-ray, gamma-ray, and neutron imaging technologies, help security and customs officials detect contraband, explosives, narcotics, and other prohibited items without the need to physically open and inspect shipments. By providing detailed images and advanced data analysis, cargo scanning equipment enhances border security, streamlines customs clearance, and ensures compliance with international trade regulations. The cargo scanning equipment market is expanding as global trade volumes continue to grow and governments place increasing emphasis on border security and anti-smuggling efforts. Technological advancements, such as high-energy scanners, dual-view systems, and artificial intelligence (AI)-driven detection algorithms, have improved the accuracy, speed, and reliability of scanning processes. These innovations allow for faster processing times, reduced labor requirements, and enhanced detection capabilities, making cargo scanning equipment a critical component of modern customs and border control operations. However, challenges remain, including high procurement and maintenance costs, logistical difficulties in deploying large-scale scanning units, and the need for specialized training for operators. Additionally, evolving threats and

sophisticated smuggling techniques require continuous updates to scanning technologies and detection methodologies. Despite these obstacles, growing investments in infrastructure development, increasing adoption of automated and digitized systems, and the rising importance of secure global supply chains are expected to drive sustained growth in the cargo scanning equipment market.

### Key Insights Cargo Scanning Equipment Market

- Development of high-energy scanning systems capable of penetrating dense cargo and providing more detailed images.
- Increased integration of AI and machine learning to improve threat detection and reduce false positives.
- Adoption of portable and relocatable scanning units to provide flexibility in border and checkpoint operations.
- Expansion of multi-view scanning technologies to allow inspectors a more comprehensive look at container contents.
- Growth in cloud-based platforms for secure data sharing, storage, and analysis.
- Rising global trade volumes and increasing complexity of international supply chains.
- Strengthened government regulations and mandates for enhanced cargo security screening.
- Technological advancements improving the accuracy, speed, and reliability of scanning equipment.
- Growing demand for automation and digitalization in customs and border control operations.
- High costs of acquisition, installation, and ongoing maintenance for advanced scanning systems.
- Limited availability of skilled operators and technicians to manage sophisticated equipment.
- The need to continuously adapt to evolving smuggling methods and emerging threats.

### Cargo Scanning Equipment Market Segmentation

#### By Equipment Type

Narcotics Trace Detectors

Non-Computed Tomography

X-Ray Scanners

Explosive Trace Detectors (ETDs)

Radiation Detectors

Other Equipment Type

## By Cargo Size

Small Parcels

Break Pallet Cargo

Oversized Cargo

## By End-User

Airports

Railway Station

Border Control

Logistics And Transportation

Industrial And Manufacturing Facilities

Others End-Users

## Key Companies Analysed

Leidos Holdings Inc.

Elbit Systems Ltd.

Teledyne Technologies

IDEMIA

Smiths Detection Group Ltd.

OSI Systems Inc.

Rapiscan System Inc.

Nuctech Company Limited

Analogic Corporation

Astrophysics Inc.

L3 Security & Detection Systems Inc.

ADANI Systems Inc.

ICTS International N.V.

Autoclear LLC

Metrasens Ltd.

CEIA USA Ltd.

MB Telecom Ltd. SRL

Kromek Group

VOTI Detection Inc.

Westminster International Ltd. (Westminster Group)

Vidisco Ltd.

Scanna MSC Ltd.

Gilardoni S.p.A.

Todd Research Ltd.

LIXI Inc.

## Cargo Scanning Equipment Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Cargo Scanning Equipment Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Cargo Scanning Equipment market data and outlook to 2034

United States

Canada

Mexico

Europe — Cargo Scanning Equipment market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Cargo Scanning Equipment market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Cargo Scanning Equipment market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Cargo Scanning Equipment market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Cargo Scanning Equipment value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Cargo Scanning Equipment industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in

shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Cargo Scanning Equipment Market Report

Global Cargo Scanning Equipment market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Cargo Scanning Equipment trade, costs, and supply chains

Cargo Scanning Equipment market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Cargo Scanning Equipment market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Cargo Scanning Equipment market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Cargo Scanning Equipment supply chain analysis

Cargo Scanning Equipment trade analysis, Cargo Scanning Equipment market price analysis, and Cargo Scanning Equipment supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

## Latest Cargo Scanning Equipment market news and developments

### Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

## Contents

### 1. TABLE OF CONTENTS

- 1.1 List of Tables
- 1.2 List of Figures

### 2. GLOBAL CARGO SCANNING EQUIPMENT MARKET SUMMARY, 2025

- 2.1 Cargo Scanning Equipment Industry Overview
  - 2.1.1 Global Cargo Scanning Equipment Market Revenues (In US\$ billion)
- 2.2 Cargo Scanning Equipment Market Scope
- 2.3 Research Methodology

### 3. CARGO SCANNING EQUIPMENT MARKET INSIGHTS, 2024-2034

- 3.1 Cargo Scanning Equipment Market Drivers
- 3.2 Cargo Scanning Equipment Market Restraints
- 3.3 Cargo Scanning Equipment Market Opportunities
- 3.4 Cargo Scanning Equipment Market Challenges
- 3.5 Tariff Impact on Global Cargo Scanning Equipment Supply Chain Patterns

### 4. CARGO SCANNING EQUIPMENT MARKET ANALYTICS

- 4.1 Cargo Scanning Equipment Market Size and Share, Key Products, 2025 Vs 2034
- 4.2 Cargo Scanning Equipment Market Size and Share, Dominant Applications, 2025 Vs 2034
- 4.3 Cargo Scanning Equipment Market Size and Share, Leading End Uses, 2025 Vs 2034
- 4.4 Cargo Scanning Equipment Market Size and Share, High Growth Countries, 2025 Vs 2034
- 4.5 Five Forces Analysis for Global Cargo Scanning Equipment Market
  - 4.5.1 Cargo Scanning Equipment Industry Attractiveness Index, 2025
  - 4.5.2 Cargo Scanning Equipment Supplier Intelligence
  - 4.5.3 Cargo Scanning Equipment Buyer Intelligence
  - 4.5.4 Cargo Scanning Equipment Competition Intelligence
  - 4.5.5 Cargo Scanning Equipment Product Alternatives and Substitutes Intelligence
  - 4.5.6 Cargo Scanning Equipment Market Entry Intelligence

## **5. GLOBAL CARGO SCANNING EQUIPMENT MARKET STATISTICS – INDUSTRY REVENUE, MARKET SHARE, GROWTH TRENDS AND FORECAST BY SEGMENTS, TO 2034**

5.1 World Cargo Scanning Equipment Market Size, Potential and Growth Outlook, 2024- 2034 (\$ billion)

5.1 Global Cargo Scanning Equipment Sales Outlook and CAGR Growth By Equipment Type, 2024- 2034 (\$ billion)

5.2 Global Cargo Scanning Equipment Sales Outlook and CAGR Growth By Cargo Size, 2024- 2034 (\$ billion)

5.3 Global Cargo Scanning Equipment Sales Outlook and CAGR Growth By End-User, 2024- 2034 (\$ billion)

5.4 Global Cargo Scanning Equipment Market Sales Outlook and Growth by Region, 2024- 2034 (\$ billion)

## **6. ASIA PACIFIC CARGO SCANNING EQUIPMENT INDUSTRY STATISTICS – MARKET SIZE, SHARE, COMPETITION AND OUTLOOK**

6.1 Asia Pacific Cargo Scanning Equipment Market Insights, 2025

6.2 Asia Pacific Cargo Scanning Equipment Market Revenue Forecast By Equipment Type, 2024- 2034 (USD billion)

6.3 Asia Pacific Cargo Scanning Equipment Market Revenue Forecast By Cargo Size, 2024- 2034 (USD billion)

6.4 Asia Pacific Cargo Scanning Equipment Market Revenue Forecast By End-User, 2024- 2034 (USD billion)

6.5 Asia Pacific Cargo Scanning Equipment Market Revenue Forecast by Country, 2024- 2034 (USD billion)

6.5.1 China Cargo Scanning Equipment Market Size, Opportunities, Growth 2024- 2034

6.5.2 India Cargo Scanning Equipment Market Size, Opportunities, Growth 2024- 2034

6.5.3 Japan Cargo Scanning Equipment Market Size, Opportunities, Growth 2024- 2034

6.5.4 Australia Cargo Scanning Equipment Market Size, Opportunities, Growth 2024- 2034

## **7. EUROPE CARGO SCANNING EQUIPMENT MARKET DATA, PENETRATION, AND BUSINESS PROSPECTS TO 2034**

7.1 Europe Cargo Scanning Equipment Market Key Findings, 2025

7.2 Europe Cargo Scanning Equipment Market Size and Percentage Breakdown By Equipment Type, 2024- 2034 (USD billion)

7.3 Europe Cargo Scanning Equipment Market Size and Percentage Breakdown By Cargo Size, 2024- 2034 (USD billion)

7.4 Europe Cargo Scanning Equipment Market Size and Percentage Breakdown By End-User, 2024- 2034 (USD billion)

7.5 Europe Cargo Scanning Equipment Market Size and Percentage Breakdown by Country, 2024- 2034 (USD billion)

7.5.1 Germany Cargo Scanning Equipment Market Size, Trends, Growth Outlook to 2034

7.5.2 United Kingdom Cargo Scanning Equipment Market Size, Trends, Growth Outlook to 2034

7.5.2 France Cargo Scanning Equipment Market Size, Trends, Growth Outlook to 2034

7.5.2 Italy Cargo Scanning Equipment Market Size, Trends, Growth Outlook to 2034

7.5.2 Spain Cargo Scanning Equipment Market Size, Trends, Growth Outlook to 2034

## **8. NORTH AMERICA CARGO SCANNING EQUIPMENT MARKET SIZE, GROWTH TRENDS, AND FUTURE PROSPECTS TO 2034**

8.1 North America Snapshot, 2025

8.2 North America Cargo Scanning Equipment Market Analysis and Outlook By Equipment Type, 2024- 2034 (\$ billion)

8.3 North America Cargo Scanning Equipment Market Analysis and Outlook By Cargo Size, 2024- 2034 (\$ billion)

8.4 North America Cargo Scanning Equipment Market Analysis and Outlook By End-User, 2024- 2034 (\$ billion)

8.5 North America Cargo Scanning Equipment Market Analysis and Outlook by Country, 2024- 2034 (\$ billion)

8.5.1 United States Cargo Scanning Equipment Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Canada Cargo Scanning Equipment Market Size, Share, Growth Trends and Forecast, 2024- 2034

8.5.1 Mexico Cargo Scanning Equipment Market Size, Share, Growth Trends and Forecast, 2024- 2034

## **9. SOUTH AND CENTRAL AMERICA CARGO SCANNING EQUIPMENT MARKET DRIVERS, CHALLENGES, AND FUTURE PROSPECTS**

- 9.1 Latin America Cargo Scanning Equipment Market Data, 2025
- 9.2 Latin America Cargo Scanning Equipment Market Future By Equipment Type, 2024-2034 (\$ billion)
- 9.3 Latin America Cargo Scanning Equipment Market Future By Cargo Size, 2024-2034 (\$ billion)
- 9.4 Latin America Cargo Scanning Equipment Market Future By End-User, 2024- 2034 (\$ billion)
- 9.5 Latin America Cargo Scanning Equipment Market Future by Country, 2024- 2034 (\$ billion)
  - 9.5.1 Brazil Cargo Scanning Equipment Market Size, Share and Opportunities to 2034
  - 9.5.2 Argentina Cargo Scanning Equipment Market Size, Share and Opportunities to 2034

## **10. MIDDLE EAST AFRICA CARGO SCANNING EQUIPMENT MARKET OUTLOOK AND GROWTH PROSPECTS**

- 10.1 Middle East Africa Overview, 2025
- 10.2 Middle East Africa Cargo Scanning Equipment Market Statistics By Equipment Type, 2024- 2034 (USD billion)
- 10.3 Middle East Africa Cargo Scanning Equipment Market Statistics By Cargo Size, 2024- 2034 (USD billion)
- 10.4 Middle East Africa Cargo Scanning Equipment Market Statistics By End-User, 2024- 2034 (USD billion)
- 10.5 Middle East Africa Cargo Scanning Equipment Market Statistics by Country, 2024-2034 (USD billion)
  - 10.5.1 Middle East Cargo Scanning Equipment Market Value, Trends, Growth Forecasts to 2034
  - 10.5.2 Africa Cargo Scanning Equipment Market Value, Trends, Growth Forecasts to 2034

## **11. CARGO SCANNING EQUIPMENT MARKET STRUCTURE AND COMPETITIVE LANDSCAPE**

- 11.1 Key Companies in Cargo Scanning Equipment Industry
- 11.2 Cargo Scanning Equipment Business Overview
- 11.3 Cargo Scanning Equipment Product Portfolio Analysis
- 11.4 Financial Analysis
- 11.5 SWOT Analysis

## **12 APPENDIX**

12.1 Global Cargo Scanning Equipment Market Volume (Tons)

12.1 Global Cargo Scanning Equipment Trade and Price Analysis

12.2 Cargo Scanning Equipment Parent Market and Other Relevant Analysis

12.3 Publisher Expertise

12.2 Cargo Scanning Equipment Industry Report Sources and Methodology

## I would like to order

Product name: Cargo Scanning Equipment Market Outlook 2025-2034: Market Share, and Growth Analysis By Equipment Type (Narcotics Trace Detectors, Non-Computed Tomography, X-Ray Scanners, Explosive Trace Detectors (ETDs), Radiation Detectors, Other Equipment Type), By Cargo Size (Small Parcels, Break Pallet Cargo, Oversized Cargo), By End-User

Product link: <https://marketpublishers.com/r/C5FADAC28978EN.html>

Price: US\$ 3,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/C5FADAC28978EN.html>