

Metal Detector Market: Trends, Opportunities and Competitive Analysis

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Abstracts

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Metal Detector Market Trends and Forecast

The future of the metal detector market looks promising with opportunities in the government, commercial, consumer, food & beverage, pharmaceutical, and textile industries. The metal detector market is expected to reach an estimated \$2 billion by 2027 and is forecast to grow at a CAGR of 3.9% from 2021 to 2027. The major drivers for this market are rapidly increasing terrorism activities, expansion in infrastructure, and increasing stringency in government compliances in various sectors to maintain high level of security and safety.

Emerging Trends in the Metal Detector Market

Emerging trends, which have a direct impact on the dynamics of the metal detector industry, include increasing trend towards advancement in metal detector technology for superior performance and growing use of metal detectors in new applications such as sports and medical applications.

A total of 90 figures / charts and 70 tables are provided in this 160-page report to help in your business decisions. A sample figure with insights is shown below. To learn the scope of benefits, companies researched, and other details of the metal detector market report, please download the report brochure.

Metal Detector Market by Segment

The study includes a forecast for the global metal detector market by product type, end use, technology, and region as follows:

Metal Detector Market by Product Type [Value (\$B) shipment analysis for 2016 – 2027]:

Static Metal Detector

Handheld Metal Detector

Metal Detector Market by End Use [Value (\$B) shipment analysis for 2016 – 2027]:

Industrial

Food and Beverage

Other Industrial

Security

Transit

Government

Commercial and Others

Consumer

Countermeasure

Metal Detector Market by Technology [Value (\$B) shipment analysis for 2016 – 2027]:

Very Low Frequency

Multi Frequency

Pulse Induction

Other Technologies

Metal Detector Market by Region [Value (\$B) shipment analysis for 2016 – 2027]:

North America

US

Canada

Mexico

Europe

Germany

The United Kingdom

France

Russia

Asia Pacific

China

Japan

India

South Korea

The Rest of the World

Brazil

Argentina

List of Metal Detector 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 metal detector companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the metal detector companies profiled in this report includes.

Mettler-Toledo

Codan Limited

Garrett Electronics

CEIA-Costruzioni Elettroniche Industriali Automatismi S.p.A

Eriez Manufacturing Co.

L3 Security & Detection Systems

Smiths Detection Inc.

XP Metal Detectors

Thermo Fisher Scientific Inc.

Fisher Research Labs

Lock Inspection Systems

Rapiscan Systems, Inc. (OSI Systems)

White's Electronics, Inc.

Tesoro Electronics, Inc.

Metal Detector Market Insight

Lucintel forecasts that static metal detector is expected to remain the largest segment due to increasing usage of metal detectors in the food and pharmaceutical industries, transit, educational buildings, and hospitals.

Handheld metal detector is expected to witness the highest growth in the forecast period supported by the increasing demand for security in government and commercial sectors along with increasing consumer demand due to growing archeological activities and hobbies.

The industrial segment is expected to remain the largest end use industry due to stringent government regulations for consumer protection in food processing, pharmaceutical, and chemical industries.

Lucintel predicts that the demand for metal detectors in security will witness the highest growth during the forecast period. This growth will be supported by government spending on security for ports, borders, and critical infrastructure to ensure safety from terrorism and crime. Another factor that adds to the growth of the security segment is increasing passenger traffic in airport.

Asia Pacific is expected to remain the largest market and will experience the highest growth over the forecast period supported by expansion of infrastructure. Factors influencing this are growth in the global economy, rise in the standard of living, and increasing tourism. The awareness regarding metal contamination in the food, pharmaceutical, and chemical industries also creates tremendous opportunities for metal detectors in China, Australia, India, and other countries.

Features of Metal Detector Market

Market Size Estimates: Metal detector market size estimation in terms of value (\$B)

Trend and Forecast Analysis: Market trends (2016-2021) and forecast (2022-2027) by various segments and regions.

Segmentation Analysis: Market size by product type, technology, and end use industry

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

Growth Opportunities: Analysis of growth opportunities in different end use industry, product type, technology, and regions for the metal detector market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape for the metal detector market.

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

FAQ

Q1. What is the metal detector market size?

Answer: The global metal detector market is expected to reach an estimated \$2 billion by 2027

Q2. What is the growth forecast for metal detector market?

Answer: The metal detector market is expected to grow at a CAGR of 3.9% from 2021 to 2027.

Q3. What are the major drivers influencing the growth of the metal detector market?

Answer: The major drivers for this market are rapidly increasing terrorism activities, expansion in infrastructure, and increasing stringency in government compliances in various sectors to maintain high level of security and safety.

Q4. What are the major applications or end use industries for metal detector?

Answer: The industrial segment is expected to remain the largest end use industry due to stringent government regulations for consumer protection in food processing,

pharmaceutical, and chemical industries.

Q5. What are the emerging trends in metal detector market?

Answer: Emerging trends, which have a direct impact on the dynamics of the metal detector industry, include increasing trend towards advancement in metal detector technology for superior performance and growing use of metal detectors in new applications such as sports and medical applications.

Q6. Who are the key metal detector companies?

Answer: Some of the key metal detector companies are as follows:

Mettler-Toledo

Codan Limited

Garrett Electronics

CEIA-Costruzioni Elettroniche Industriali Automatismi S.p.A

Eriez Manufacturing Co.

L3 Security & Detection Systems

Smiths Detection Inc.

XP Metal Detectors

Thermo Fisher Scientific Inc.

Fisher Research Labs

Lock Inspection Systems

Rapiscan Systems, Inc. (OSI Systems)

White's Electronics, Inc.

Tesoro Electronics, Inc.

Q7.Which metal detector product segment will be the largest in future?

Answer: Lucintel forecasts that static metal detector is expected to remain the largest segment due to increasing usage of metal detectors in the food and pharmaceutical industries, transit, educational buildings, and hospitals.

Q8: In metal detector market, which region is expected to be the largest in next 5 years?

Answer:Asia Pacific is expected to remain the largest region and witness the highest growth over next 5 years

Q9. 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 potential, high growth opportunities for the global metal detector market by product type (static and handheld), technology (VLF, multi frequency, pulse induction, and others), end use industry (industrial, security, consumer, and countermine), 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 regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

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

Q.7 What are 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 being implemented by key players for business growth?

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

Q.11 What M & A activities have taken place in the last 5 years in this market?

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- 7.2: Codan Limited (Minelab)
- 7.3: Garrett Electronics, Inc.
- 7.4: CEIA-Costruzioni Elettroniche Industriali Automatismi S.p.A.
- 7.5: Eriez Manufacturing Co.
- 7.6: L3 Security & Detection Systems
- 7.7: Smiths Detection Inc.
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- 7.12: Rapiscan Systems, Inc. (OSI Systems)
- 7.13: White's Electronics, Inc.
- 7.14: Tesoro Electronics, Inc.

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