

Ultrasonic Testing Market: Trends, Opportunities and Competitive Analysis [2023-2028]

<https://marketpublishers.com/r/UB8904A22A37EN.html>

Date: August 2023

Pages: 150

Price: US\$ 4,850.00 (Single User License)

ID: UB8904A22A37EN

Abstracts

It will take 2-3 business days to deliver the report upon receipt the order if any customization is not there.

Ultrasonic Testing Market Trends and Forecast

The future of the global ultrasonic testing market looks promising with opportunities in the manufacturing, oil & gas, aerospace, government infrastructure, automotive, power generation, and marine end use industries. The global ultrasonic testing market is expected to reach an estimated \$1.6 billion by 2028 with a CAGR of 8.0% from 2023 to 2028. The major drivers for this market are growing need for reliable and precise non-invasive testing techniques, ongoing advancements in portable equipment for phased array ultrasonic testing, and increasing stringent regulations by governments to ensure workforce safety.

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

Ultrasonic Testing Market by Segment

The study includes trends and forecast for the global ultrasonic testing market by type, equipment, end use industry, and region as follows:

Ultrasonic Testing Market by Type [Shipment Analysis by Value from 2017 to 2028]:

Time-of-Flight Diffraction

Phased Array

Immersion Testing

Guided-Waves

Acoustography

Others

Ultrasonic Testing Market by Equipment [Shipment Analysis by Value from 2017 to 2028]:

Flaw Detectors

Thickness Gauges

Transducers and Probes

Industrial Scanners

Tube Inspection Systems

Bond Testers

Imaging Systems

Others

Ultrasonic Testing Market by End Use Industry [Shipment Analysis by Value from 2017 to 2028]:

Manufacturing

Oil & Gas

Aerospace

Government Infrastructure

Automotive

Power Generation

Marine

Others

Ultrasonic Testing Market by Region [Shipment Analysis by Value from 2017 to 2028]:

North America

Europe

Asia Pacific

The Rest of the World

List of Ultrasonic Testing 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, ultrasonic testing companies cater to increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the ultrasonic testing companies profiled in this report include-

Olympus Corporation

General Electric

Sonatest

Baker Hughes

T.D. Williamson

Eddyfi Technologies

Applied Technical Services

Ashtead Technology

Nikon Metrology

Amerapex Corporation

Ultrasonic Testing Market Insights

Lucintel forecasts that time-of-flight diffraction is expected to witness the highest growth over the forecast period due to increasing need for non-destructive fault evaluation methods in industries that use sound waves along with significantly growing oil and gas, automotive and power generation sectors.

Within this market, manufacturing will remain the largest segment due to expanding utilization of ultrasonic testing techniques to detect flaws in machinery, equipment, and final production items, and increasing requirement for evaluation of old machinery and manufacturing infrastructure.

APAC will remain the highest growing region over the forecast period due to surge in railway infrastructure growth, coupled with growing requirement for fault detection and the monitoring of uneven structures, so as to reduce probability of rail accidents, and rise in the adoption of ultrasonic testing for both industrial assets and public infrastructures.

Features of the Global Ultrasonic Testing Market

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

Trend and Forecast Analysis: Market trends (2017 to 2022) and forecast (2023 to 2028) by various segments and regions.

Segmentation Analysis: Ultrasonic testing market size by various segments, such as by type, equipment, end use industry, and region in terms of value (\$B).

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

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

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

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

FAQ

Q.1 What is the ultrasonic testing market size?

Answer: The global ultrasonic testing market is expected to reach an estimated \$1.6 billion by 2028.

Q.2 What is the growth forecast for ultrasonic testing market?

Answer: The global ultrasonic testing market is expected to grow with a CAGR of 8.0% from 2023 to 2028

Q.3 What are the major drivers influencing the growth of the ultrasonic testing market?

Answer: The major drivers for this market are growing need for reliable and precise non-invasive testing techniques, ongoing advancements in portable equipment for phased array ultrasonic testing, and increasing stringent regulations by governments to ensure workforce safety.

Q4. What are the major segments for ultrasonic testing market?

Answer: The future of the global ultrasonic testing market looks promising with opportunities in the manufacturing, oil & gas, aerospace, government infrastructure, automotive, power generation, and marine end use industries.

Q5. Who are the key ultrasonic testing companies?

Answer: Some of the key ultrasonic testing companies are as follows:

Olympus Corporation

General Electric

Sonatest

Baker Hughes

T.D. Williamson

Eddyfi Technologies

Applied Technical Services

Ashtead Technology

Nikon Metrology

Amerapex Corporation

Q6. Which ultrasonic testing market segment will be the largest in future?

Answer: Lucintel forecasts that time-of-flight diffraction segment is expected to witness the highest growth over the forecast period due to increasing need for non-destructive fault evaluation methods in industries that uses sound waves along with significantly growing oil and gas, automotive and power generation sectors.

Q7. In ultrasonic testing market, which region is expected to be the largest in next 5

years?

Answer: APAC will remain the highest growing region over the forecast period due to a surge in railway infrastructure growth, coupled with growing requirement for fault detection and the monitoring of uneven structures, so as to reduce probability of rail accidents, and rise on the adoption of ultrasonic testing for both industrial assets and public infrastructures.

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 market by type (time-of-flight diffraction, phased array, immersion testing, guided-wave, acoustography, and others), equipment (flaw detectors, thickness gauges, transducers and probes, industrial scanners, tube inspection systems, bond testers, imaging systems, and others), end use industry (manufacturing, oil & gas, aerospace, government infrastructure, automotive, power generation, marine, 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 five years and what has its impact been on the industry?

For any questions related to ultrasonic testing market or related to ultrasonic testing companies, ultrasonic testing market size, ultrasonic testing market share, ultrasonic testing market growth, ultrasonic testing market research, write Lucintel analyst at email: helpdesk@lucintel.com we will be glad to get back to you soon.

Contents

1. EXECUTIVE SUMMARY

2. GLOBAL ULTRASONIC TESTING 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 2017 TO 2028

3.1. Macroeconomic Trends (2017-2022) and Forecast (2023-2028)

3.2. Global Ultrasonic Testing Market Trends (2017-2022) and Forecast (2023-2028)

3.3: Global Ultrasonic Testing Market by Type

3.3.1: Time-of-Flight Diffraction

3.3.2: Phased Array

3.3.3: Immersion Testing

3.3.4: Guided-Waves

3.3.5: Acoustography

3.3.6: Others

3.4: Global Ultrasonic Testing Market by Equipment

3.4.1: Flaw Detectors

3.4.2: Thickness Gauges

3.4.3: Transducers and Probes

3.4.4: Industrial Scanners

3.4.5: Tube Inspection Systems

3.4.6: Bond Testers

3.4.7: Imaging Systems

3.4.8: Others

3.5: Global Ultrasonic Testing Market by End Use Industry

3.5.1: Manufacturing

3.5.2: Oil & Gas

3.5.3: Aerospace

3.5.4: Government Infrastructure

3.5.5: Automotive

3.5.6: Power Generation

3.5.7: Marine

3.5.8: Others

4. MARKET TRENDS AND FORECAST ANALYSIS BY REGION FROM 2017 TO 2028

4.1: Global Ultrasonic Testing Market by Region

4.2: North American Ultrasonic Testing Market

4.2.1: North American Ultrasonic Testing Market by Type: Time-of-Flight Diffraction, Phased Array, Immersion Testing, Guided Waves, Acoustography, and Others

4.2.2: North American Ultrasonic Testing Market by End Use Industry: Manufacturing, Oil & Gas, Aerospace, Government Infrastructure, Automotive, Power Generation, Marine, and Others

4.3: European Ultrasonic Testing Market

4.3.1: European Ultrasonic Testing Market by Type: Time-of-Flight Diffraction, Phased Array, Immersion Testing, Guided Waves, Acoustography, and Others

4.3.2: European Ultrasonic Testing Market by End Use Industry: Manufacturing, Oil & Gas, Aerospace, Government Infrastructure, Automotive, Power Generation, Marine, and Others

4.4: APAC Ultrasonic Testing Market

4.4.1: APAC Ultrasonic Testing Market by Type: Time-of-Flight Diffraction, Phased Array, Immersion Testing, Guided Waves, Acoustography, and Others

4.4.2: APAC Ultrasonic Testing Market by End Use Industry: Manufacturing, Oil & Gas, Aerospace, Government Infrastructure, Automotive, Power Generation, Marine, and Others

4.5: ROW Ultrasonic Testing Market

4.5.1: ROW Ultrasonic Testing Market by Type: Time-of-Flight Diffraction, Phased Array, Immersion Testing, Guided Waves, Acoustography, and Others

4.5.2: ROW Ultrasonic Testing Market by End Use Industry: Manufacturing, Oil & Gas, Aerospace, Government Infrastructure, Automotive, Power Generation, Marine, 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 Ultrasonic Testing Market by Type
- 6.1.2: Growth Opportunities for the Global Ultrasonic Testing Market by Equipment
- 6.1.3: Growth Opportunities for the Global Ultrasonic Testing Market by End Use Industry
- 6.1.5: Growth Opportunities for the Global Ultrasonic Testing Market by Region
- 6.2: Emerging Trends in the Global Ultrasonic Testing Market
- 6.3: Strategic Analysis
 - 6.3.1: New Product Development
 - 6.3.2: Capacity Expansion of the Global Ultrasonic Testing Market
 - 6.3.3: Mergers, Acquisitions, and Joint Ventures in the Global Ultrasonic Testing Market
 - 6.3.4: Certification and Licensing

7. COMPANY PROFILES OF LEADING PLAYERS

- 7.1: Olympus Corporation
- 7.2: General Electric
- 7.3: Sonatest
- 7.4: Baker Hughes
- 7.5: T.D. Williamson
- 7.6: Eddyfi Technologies
- 7.7: Applied Technical Services
- 7.8: Ashtead Technology
- 7.9: Nikon Metrology
- 7.10: Amerapex Corporation

I would like to order

Product name: Ultrasonic Testing Market: Trends, Opportunities and Competitive Analysis [2023-2028]

Product link: <https://marketpublishers.com/r/UB8904A22A37EN.html>

Price: US\$ 4,850.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/UB8904A22A37EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970