

Ultrasonic Testing - Global Market Outlook (2020-2028)

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Abstracts

According to Statistics MRC, the Global Ultrasonic Testing Market is accounted for \$2.80 billion in 2020 and is expected to reach \$5.62 billion by 2028 growing at a CAGR of 9.1% during the forecast period. Rising application of automation, stringent government regulations and growth in ultrasonic testing market services are driving the market growth. However, high cost of automated ultrasonic testing equipment is hampering the growth of the market.

Ultrasonic testing is an extremely valuable and a sort of non-destructive testing mechanism or technique to identify any kind of internal defect within the material for timely evaluation and diagnosis of faults in products. The ultrasonic technique detects hidden and internal discontinuities that are deep below the surface using the electronic equipment, which is connected to one or more transducers. This testing technique is also able to detect discontinuities that are based on how the high-frequency sound waves are returned to the recording equipment.

Based on the equipment, the flaw detectors segment is going to have lucrative growth during the forecast period as this detecting equipment is used to measure penetration of any material within a substance is perfect or not. This helps to detect any kind of flaw in the test and due to this there is rising in the market for this segment. By geography, North America is going to have high growth during the forecast period due to higher share of manufacturing industries, automotive, and power generation plant. This region is expected to be more dominant attributed to the increasing use of the UT technique for railway inspections across the US and Canada. The presence of key market players, such as Amerapex Corporation, General Electric, and others drive the market in the U.S. In addition, growing adoption of advanced testing technologies in the region's robust aerospace industry will further boost the regional market.

Some of the key players profiled in the Ultrasonic Testing Market include TechScan System Inc., General Motors, Ashtead Technology Ltd, Mistras Group, Inc., Olympus Corporation, British Institute of Non-Destructive Testing (BINDT), Zetec, Inc., Intertek, Magnaflux, Sonatest Ltd., NDT Systems Inc, Dakota Ultrasonics, General Electric, Eddyfi Technologies, Sonatest.

Services Covered:

Training Services

Inspection Services

Equipment Rental Services

Calibration Services

Types Covered:

Ultrasonic Spectroscopy

Immersion Testing

Acoustography

Time-Of-Flight Diffraction

Guided Wave Testing

Phased Array Techniques

Applications Covered:

Material Thickness

Dimensional Measurement

Equipments Covered:

Tube Inspection Systems

Imaging Systems

Thickness Gauges

Bond Testers

Flaw Detectors

Transducers and Probes

Industrial Scanners

End Users Covered:

Chemical & Petrochemical

Sports and Entertainment

Oil & Gas

Energy & Power Generation

Marine

Manufacturing

Aerospace

Healthcare

Food & Beverages

Government Infrastructure and Public Infrastructure

Automotive

Banking, Financial Services and Insurance (BFSI)

Retail and e-Commerce

Transportation

Plastics and Polymers

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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