

Ultrasonic NDT Equipment Market Size to reach USD 43 Billion by 2030 at a CAGR of 9.2% | James Electronics, NDT Devices

Ultrasonic NDT Equipment Market Outlook 2030 | GE Inspection Technologies, Olympus Corporation, Sonatest, Intertek's, Eddyfi, James Instruments, NDT Systems

NEW YORK, NY, US, April 21, 2023 /EINPresswire.com/ -- With an 9.2% CAGR during the forecast period of 2022–2030, the [Ultrasonic NDT Equipment Market](#) is anticipated to reach USD 43 Billion by the end of 2030. The faults in industrial

equipment or devices are examined and tested using ultrasonic nondestructive testing (NDT) technology. The physical characteristics of the materials used to make the gadget are often examined. Resistance, tensile strength, ductility, fatigue, defect, and toughness are among the criteria that are tested. The gadgets are regularly managed and tested to ensure that they function well and consume the least amount of electricity possible.



Ultrasonic NDT Equipment Market Key Players:

- James Electronics (U.S.)
- NDT Devices (U.S.)
- PaR systems (U.S.)
- Qualitest International (Canada)
- GE Inspection Technologies (U.S.)
- Olympus Corporation (Asia)
- Sonatest (United states)
- Danatronic (U.S.)
- Eddyfi (Canada)
- Trinity NDT (India)

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The main end-user industries for ultrasonic NDT equipment include power plants, railroads, and other important industrial sectors. In recent years, companies have placed a greater emphasis on enhancing total production rates; energy optimization and cost effectiveness are now seen as key aspects in all business sectors. These elements are promoting the overall development of ultrasonic NDT equipment.

The majority of companies that work with various materials employ ultrasound testing, which may be used to check the long-term viability of various materials. The Ultrasonic NDT technique is used by the ceramics, plastics, composites, and concrete industries to inspect their products. Particularly in the medical field, where there is no ionising radiation, ultrasonic NDT methods are used for regular diagnostic imaging and medical research.

Higher penetration power, which allows for the discovery of even deeper faults in the machinery part, is one of the possible advantages of the ultrasonic NDT method. Due to its enhanced sensitivity, ultrasonic nondestructive testing (NDT) may find even minute cracks and faults. Additionally, the alloy structure of components with various acoustic qualities may be ascertained by ultrasonic nondestructive testing (NDT). As a result, a number of end-user industries favour Ultrasonic NDT over other testing techniques. They are regarded as the main forces behind the expansion of the ultrasonic NDT equipment market.

Because the Ultrasonic NDT technique may deliver testing findings with a high degree of precision, industries with a reduced tolerance for errors heavily rely on it. The Ultrasonic NDT method also guarantees the safety of the workers using it, as well as the safety of the tools and the material, due to its non-hazardous nature.

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Ultrasonic NDT Equipment Market Regional Analysis:

As automobile manufacturers place more and more emphasis on the manufacturing processes, North America now holds the greatest market share in the market for ultrasonic non-destructive testing equipment. By the end of the projected year, the U.S. is anticipated to have a market of more than USD 541.4 million. On the other hand, the region is home to well-known vendors like MAGNAFLUX Corporation, GE Measurement and Control, Johnson and Allen, Barker Hughes Inc., and Mistras Group, all of whom are currently working to diversify their product lines and partner with other market participants to incorporate cutting-edge technologies into their offerings.

Ultrasonic NDT Equipment Market Segmentation:

The Global Ultrasonic NDT Testing Equipment Market Share, Demand report offers the most

recent information on the market's size, structure, trends, and prognosis for the Pharmaceuticals and Healthcare sector. The study contains historical data from 2019 to 2020 as well as projections until 2030.

Size of the Ultrasonic NDT Testing Equipment Market and Global Market Scope

The purpose of the study is to provide readers a comprehensive understanding of the market forecast by evaluating every aspect of the value chain and examining the major market trends for ultrasonic nondestructive testing equipment from 2022 to 2030 that are driving growth in certain regions. To justify market statistics, CAGR, and projections, qualitative and quantitative factors are connected.

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Analysis of the Ultrasonic NDT Testing Equipment Market at the National Level

The industry dominant market share anticipated from 2022 to 2030 is given a basic overview in the Global Ultrasonic NDT Testing Equipment Industry Analysis Research Report. Market Segment by Regions (North America, Europe, Asia Pacific, South America, and The Middle East and Africa), coverage with region-wise data from 2022 to 2030, is covered in the study in detail, along with the market share and status of vital industries.

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