Non-Destructive Testing and Inspection Market by Technique, Service, Vertical, and Geography - Global Forecast to 2022

Description: The non-destructive testing (NDT) and inspection market size was valued at USD 6.46 Billion in 2015 and is expected to increase to USD 11.39 Billion by 2022, at a CAGR of 8.30% between 2016 and 2022. The base year considered for the study is 2015 and the forecast period is between 2016 and 2022. This report provides a detailed analysis of the non-destructive inspection market based on technique, method, service, vertical, and geography. The demand for NDT is increasing all over the world due to regulations by governments for improving the overall safety of industrial assets, workforce, and the surrounding environment. Non-destructive testing is a process to test defects or discontinuities in materials, components, or assemblies without destroying its serviceability.

The research methodology used to estimate and forecast the NDT market begins with capturing data on key vendor revenue through secondary research. The vendor offerings are taken into consideration to determine the market segmentation. A combination of top-down and bottom-up procedures has been employed to arrive at the overall size of the global non-destructive testing market from the revenues of key players in the market. After arriving at the overall market size, the total market has been split into several segments and subsegments which have been verified through the primary research by conducting extensive interviews of people holding key positions such as CEOs, VPs, directors, and executives. Market breakdown and data triangulation procedures have been employed to complete the overall market engineering process and arrive at the exact statistics for all segments and subsegments.

This report provides valuable insights regarding the NDT ecosystem that includes product manufacturers and suppliers, OEMs, suppliers and distributors, electronic device manufacturers, and semiconductor device manufacturers. Vermon S.A. (France) and Innerspec technologies (U.S.) offer transducers which act as a raw material for NDT equipment. Olympus Corporation (Japan), GE (U.S.), Mistras Group Inc. (U.S.) design and manufacture the testing equipment.

Target Audience
- Analysts and strategic business planners
- Governments, financial institutions, and investment communities
- Original equipment manufacturers (OEMs) (end-user application or electronic component manufacturers)
- Product manufacturers
- Raw material and manufacturing equipment suppliers
- Research organizations
- Technology investors
- Technology standards organizations, forums, alliances, and associations

"The study answers several questions for the stakeholders, primarily which market segments to focus on in the next two to five years for prioritizing efforts and investments".

The key players in the market include General Electric Company (U.S.), Olympus Corporation (Japan), Ashtead Technology Ltd. (U.K.), Mistras Group Inc. (U.S.), Nikon Corporation (Japan), Magnaflux Corporation (U.S.), Zetec Inc. (U.S.), Sonatest Ltd. (U.K.), Sonotron NDT (Israel), Bosello High Tech SRL (Italy), Yxlon International GMBH (Germany), Fischer Technology Inc. (U.S.), Eddyfi NDT Inc. (Canada) among others.

The report scope covers the non-destructive testing market based on following segments:

By Technique
- Visual Inspection Testing
- Magnetic Particle Testing
- Liquid Penetrant Testing
- Eddy Current Testing
- Ultrasonic Testing
- Radiographic Testing
- Acoustic Emission Testing
- Terahertz Imaging

By Method
- Visual Inspection
- Surface Inspection
- Volumetric Inspection
- Other Methods

By Service
- Inspection Services
- Equipment Rental Services
- Training Services
- Calibration Services

By Vertical
- Manufacturing
- Oil & Gas
- Aerospace
- Government Infrastructure & Public Safety
- Automotive
- Power Generation
- Others

By Geography
- North America
  - U.S.
  - Canada
  - Mexico
- Europe
  - U.K.
  - Germany
  - France
  - Italy
  - Rest of Europe
- Asia-Pacific
  - China
  - Japan
  - India
  - Rest of APAC
- RoW
  - South America
  - Middle East
  - Africa

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*Details on Overview, Products and Services, Financials, Strategy & Development Might Not Be Captured in Case of Unlisted Companies

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