
Description: Non-destructive testing (NDT) is the analysis of the properties of a material or object without causing any damage to the object. NDT techniques are useful because they do not cause any permanent damage to the object being tested. NDT equipment and services are mainly used in aerospace, automotive, mechanical, petrochemical, infrastructure, power generation industries. Other industries using NDT equipment and services include art, medicine and forensics.

NDT market can be broadly divided into equipment and services markets. NDT equipment has many applications in flaw detection, structural mechanics, leak detection, dimensional measurements, estimation of physical properties, chemical composition detection as well as weld verification. The major drivers for NDT market are:
- more stringent government regulations,
- new technologies being developed,
- automation processes and robotics industry.

The major companies in NDT equipment market include GE Inspection technologies (U.S.), Olympus Corporation (Japan), YXLON international (Germany), Nikon metrology (U.S.) and Institut Dr. Foerster (Germany). The NDT equipment industry is a maturing market especially in North America and Europe but significant growth is expected in the future because of growing demands in Asia and South America especially in infrastructure segment.

As far as the NDT Inspection industry is concerned major players include Team Industrial Services (USA), Acuren (U.S), Mistras Group (U.S), SGS SA (Switzerland) and Applus RTD (Netherlands). Asia-Pacific is expected to experience the fastest growth because of rapidly growing industries like infrastructure, power generation and manufacturing in countries like India and China.

The report contains the most detailed and in-depth segmentation of the NDT equipment and services market.

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