

FLAWLESS NDT SERVICES

Ultrasonic Testing

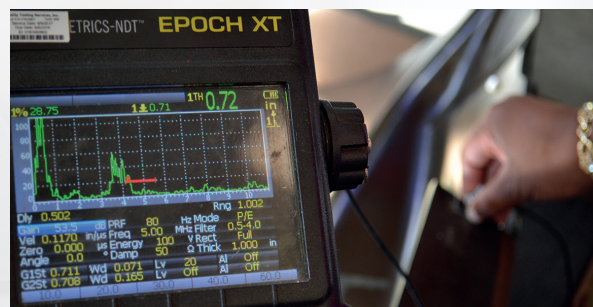


We test a variety of parts and components in our Ultrasonics Lab. We offer reliable and comprehensive, production-based inspection solutions for critical structure materials which is an alternative to in house NDT. We offer solutions to industries such as aerospace, industrial, military and infrastructure.

Ultrasonic Inspection

- ✓ A, B, & C Scan portable data acquisition and analysis systems are capable of post analysis on and off line.
- ✓ Phased Array Inspection with Software Analysis, manual and immersion (Omni Scan Mx, Focus LT and TomoView Analysis software trained).
- ✓ Conventional Ultrasonic capabilities include but not limited to: Thickness/Material Velocity measurements, Corrosion Analysis, remaining wall thickness, Weld inspection for flaw detection and characterization Longitudinal and Shear wave.
- ✓ Complex Contour Inspection for Composite and Bond Integrity Analysis utilizing our 10 axis Multi frequency scanning Gantry System capable of scanning in through-transmission and pulse-echo C-scan inspections at 1 and 5 MHz simultaneously, other frequencies can be integrated depending on required applications.

Approved training partner for the Olympus EPOCH 1000



Our strong relationship with Marietta NDT affords us the opportunity to acquire the latest state of the art advanced UT Immersion Tank Systems and the AG-2 large overhead 10 axis two bridge squirter system for the inspection of composite materials. Our systems use powerful UT units like the OmniScan and Focus LT operating in Conventional or Phased Array mode. Data is analyzed using the TomoView Data Acquisition and Analysis Software.

Advance Ultrasonic Composite Testing | NDT Consulting and Training | Advanced Radiography Testing | Vendor Surveillance

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