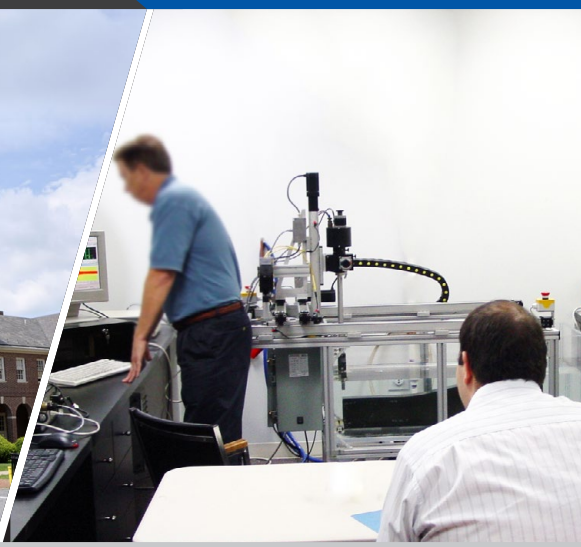
MISTRAS

ULTRASONIC

PRODUCTS & SYSTEMS DIVISION | EDUCATION SOLUTIONS



University Program | Ultrasonic C-Scan Educational System

MISTRAS ULTRASONIC COMPOSITE TESTING

MISTRAS' Ultrasonic C-Scan Systems, used across the industrial world today, have set the standard for the inspection of advanced composite materials.

By combining our Tablet UT™ System with our UPK-T10 Automated Tabletop Immersion Scanner, we give today's researcher the ability to "look inside" composite materials to detect, measure, and C-Scan map delaminations, cracks, and voids. The systems provide all this, while maintaining the all benefits and applications of a portable, high-end flaw detector.

SYSTEM PACKAGE

The Tablet UT™ is a full ultrasonic data acquisition system with A, B, and C-Scan capability and optional TOFD capabilities, making it ideal for on-site inspection applications. The tablet has all the features of an Ultrasonic testing (UT) device, and also has the functionality of a Windows-based personal computer.

The Tabletop Scanner is a small Ultrasonic immersion tank with a 10" x 10" scanning envelope. The X and Y-axis are motorized, while the Z-Axis is manually adjustable. The UPK-T10 scanner comes with its own AC/DC-powered motor driver interface.

UT C-SCAN EDUCATIONAL APPLICATIONS

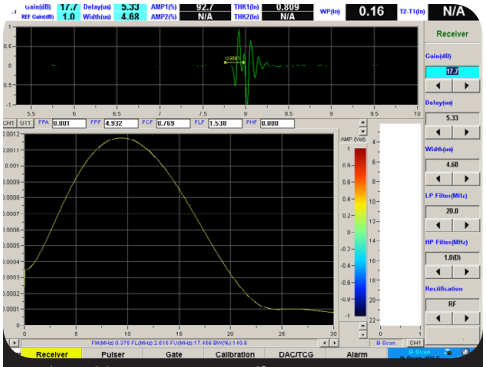
Rather than driving up costs by purchasing individual components of a UT teaching program, our Tablet UT™-Tabletop Scanner package offers a consolidated approach to non-destructive testing (NDT) education.

Perfect for universities, technical schools, and NDT programs, the C-Scan System is used for hands-on teaching and instruction of engineering fabrication principles, including:

- Matrix/Fiber De-Bonding
- Density/Stiffness Profiling
- Impact Damage Assessment
- Adhesive Uniformity
- Thickness Measurement

As an added educational tool, you can view Tablet UT™ C-Scans on students' PCs with the included UTWin™ Replay Post analysis software.

Together, these two systems provide a cost-effective, integrated approach to UT education.



The Tablet UT™ System offers A, B, and C-Scan capabilities.

For more info or to schedule a demonstration, contact MISTRAS at 1-609-716-4000.

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