

The main BANG!

Newly Delivered Systems and their Applications

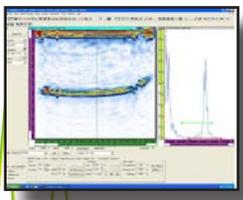
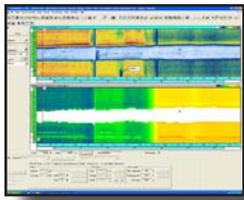
On the right we have a 45' x 12' x 4', 9 axis dual independent bridge system custom manufactured for a major aerospace metal manufacture. Capable of 20" per second scan speeds while running independently or linked scans, makes this our largest system supplied to date. The system boasts other features such as heavy duty manipulators, pendant control, dual high power heaters, user controlled pneumatic part lifts and micron level filtration.



At the left we have a 16' long, 3 axis industrial scanner which was delivered to a major NDT aerospace composites inspection company. The customer needed a precise yet high speed inspection with little user intervention. The system is fully stainless for all surfaces in contact with water and includes a through transmission squirter adapter for honeycomb laminates.

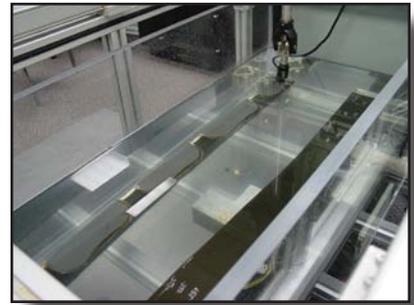
Phased Array Now Offered With MISTRAS Scanning Systems

MISTRAS Products & Systems has recently expanded their capability to allow interfacing of multi-axis automated systems to the latest Phased Array systems. Using this interface brings



together the many advantages of both phased array and precise, high speed motion. For example, scanning a 4' wide metal plate at .030 normally requires 1600

scan lines. By utilizing a 2" wide, .030 pitch Phased Array probe, only 24 scan lines are required. Providing a possible throughput improvement of about 60 times. Call for more information on supported PA systems.



BP Partners with Growing NDT Company's Portable Workstations

BP has partnered with MISTRAS Products and Systems to add the Pocket UT ultrasonic system to its pipeline integrity program. The Pocket UT will enhance BP's current ultrasonic inspections with portable space-limited area scans that were never before possible.

According to John Nyholt, BP's inspection/nondestructive evaluation (NDE) subject matter expert and corporate level III, "I've used MISTRAS Group for about 10 years now. Their Houston and Princeton, N.J., staffs are well qualified to assist with specific petrochemical NDE development as well as building niche application NDE hardware and software."

The Pocket UT is manufactured in Princeton Junction, N.J., by MISTRAS Products and Systems, a division of MISTRAS Group Inc. The unique capabilities of the company allow the complete engineering, software and assembly of the system in-house.



"The Pocket UT is a very unique instrument that fills the void between phased-array technology and regular flaw detectors," said Sotirios Vahaviolos, CEO and founder of MISTRAS Group. "It can do A-, B- and C-scans, which allows users to see an ultrasonic image instead of looking at a waveform. Instead of seeing just waveforms and having someone interpret it,

you can see exactly what you want with the C-scan image. Partnerships like this with BP help us to develop better products that are needed for specific applications."



The input of customers, like Nyholt, has allowed the Pocket UT to evolve into a system that is necessary in the location and documentation of corrosion in piping systems and vessels. With the multiple scanners available from MISTRAS and other manufacturers around the country, BP has found a versatile system for many applications.

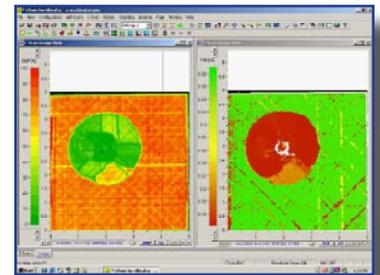
"With regard to the hand-held advanced nondestructive testing (NDT) systems, I would recommend MISTRAS Group's Pocket UT to petrochemical companies who would like to enhance their NDT programs away from an over allianceon ultrasonic single point measurements for corrosion and crack detection and toward a more global screening and monitoring inspection tools that could be used at a reasonable cost and level of complexity."

This partnership between BP and MISTRAS shows the dedication both companies have in developing and advancing the ultrasonic inspections needed to ensure the quality of the piping and safety of the environment.

UTWIN™ Version 1.72 RELEASED!

UTwin™ is our 3rd generation 32 bit, true Windows data acquisition, imaging and analysis software system from NDT automation (NDTA). Built from the Industry standard UltraWin, UTWIN is user friendly with intuitive pull down menus, independent C-Scan pages and feature icons. New Advanced features include a back wall attenuator that allows high gain sensitivity yet no saturation of vital back wall information.

Also new is phase gate detection. Phase inversion allows amplitude independent flaw detection caused by density changes in a material.



Upcoming World AE/ NDT Events

International Bridge Conference '09 • Pittsburgh, PA	June 14 - 17	International ASPNDE Workshop/NDT • London, ON	Aug. 25 - 27
ChekWorks Users Group (CHUG) • Sanibel Island, FL	June 23 - 26	Circuit Breaker Test & Maintenance Conf. • Atlanta, GA	Oct. 5 - 9
Fatigue & Fracture in Infrastructure • Philadelphia, PA	July 27 - 29	ASNT Fall Conference • Columbus, OH	Oct. 19 - 23

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