SCANTECH

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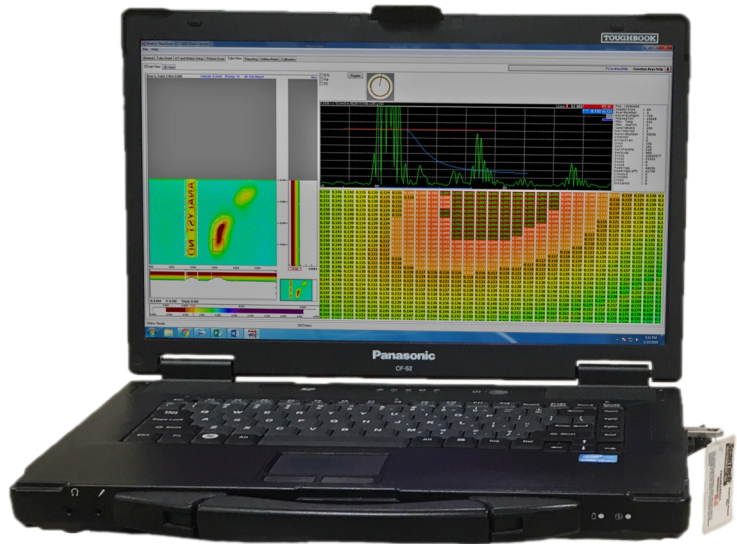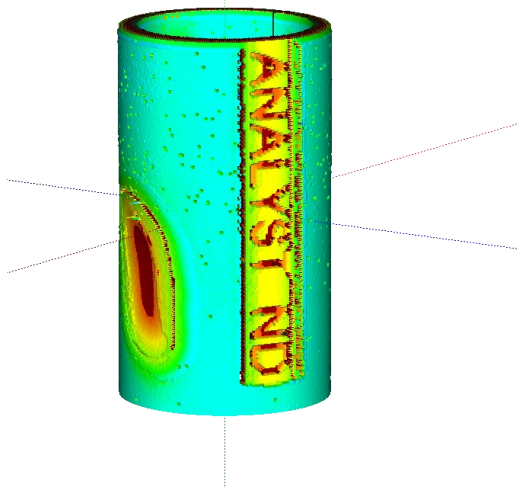Fax: (903) 234-2033

Analyst NDX ™

C-Scan Corrosion Mapping Software

ScanTech's NDX scanner system is compatible with the *Analyst NDX™* software. *Analyst NDX™* software is designed with the user in mind and allows for easy navigation through the setup, analysis, and reporting. The software includes a calibration checklist to guide you through the process, and allows you to store custom calibration tubes.

The software allows for automated data acquisition and real-time monitoring of the A-, B-, and C-scans. Data can easily be re-gated after it has been collected creating a smooth, clean scan. Re-gating is as simple as clicking and dragging the gate to the new desired position, and modifying the length, height, and curvature. A 3D model of the tube can be generated from the scan data and can be exported to an external viewer to be viewed by a customer or to be further analyzed. Reports can be customized for each job and templates can be created for automated reporting. *Analyst NDX™* is incredibly powerful software that was designed to be user-friendly and provides the reliability you have come to expect from ScanTech.

System Features:

> Optimize data return with a proprietary curved gate

> Generate a 3D model of scan data and export to external viewer

> Re-gate scan data after the scan is complete

> Customize reports and create templates for each individual job

> Creates a tube sheet to track all scans for a single steam drum

Industry Solutions for Ultrasonic Automation

Reporting: Generating reports is fast and easy with the *Analyst NDX™* Software. You can create and save templates that are unique to each job to efficiently produce repeatable reports. You can drag and drop different elements such as scan data, screenshots, minimum points, textboxes, and logos onto the report. All of the fonts, colors, and sizes are customizable, so you can meet the specific needs of your customers.

3D Modeling: A 3D model of the tubes can be generated from the scans. The model can be exported to an external viewer to be further analyzed or sent to a customer.

Re-gating: The re-gating function allows a single point, region, or the entire scan to be re-gated to eliminate interference and get the most accurate scan map possible. The gates are easy to manipulate and can be altered simply by clicking and dragging. The length, height, and curvature can also be adjusted to create the most effective gate.
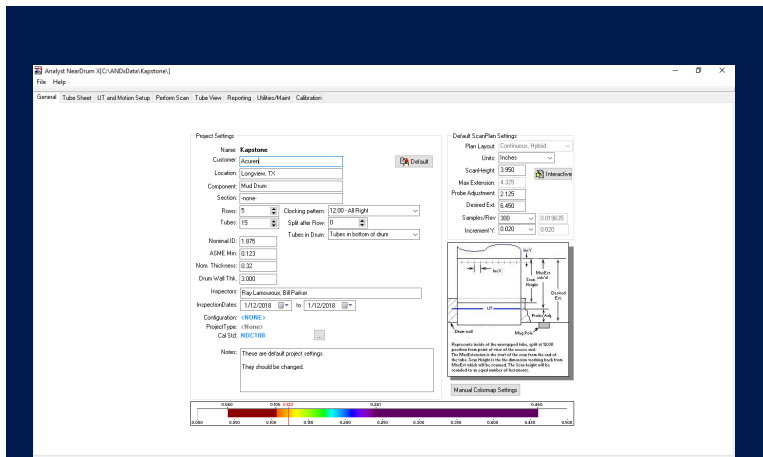
Real-time view: As the scanner is mapping the corrosion, the data appears on the screen in real-time. This allows you to monitor the data and make adjustments to the gain during the scan.

Minimum Points: *Analyst NDX™* automatically scans a grid of data to find the thinnest point on the vessel. It searches for multiple points grouped together with similar thinness, so that single data points that are outliers are not considered. You can also scroll through the minimum points using the function keys and can save screenshots of the thinnest values to be used in the final report.
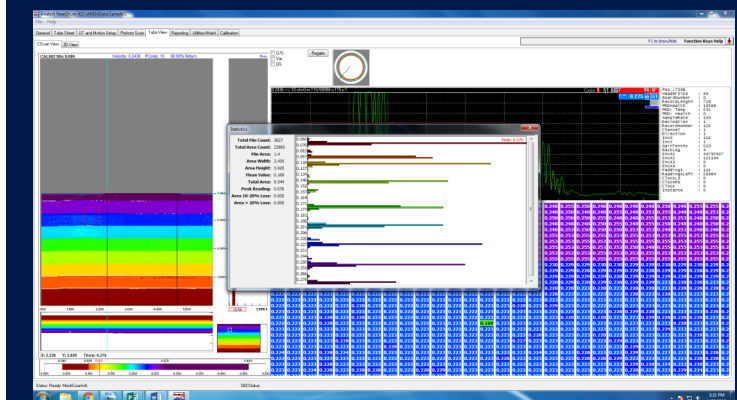
Support: Our highly trained technicians and engineers will provide you with support should you have any questions or problems.
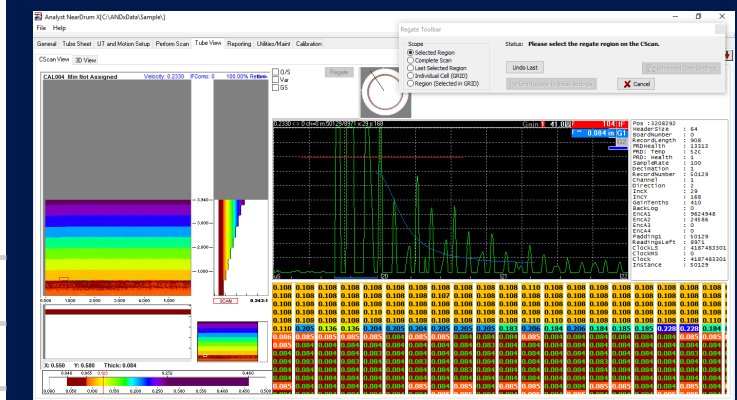
System Requirements

OS	Windows 10/8.1/8/7 (32 and 64-bit)
Processor	Any Intel or AMD x86-64 processor
RAM	4 GB (8 GB recommended)
Disk Space	1 TB (minimum recommended)
Graphics	No specific graphics card required

Setup: After setting up the scan dimensions initially, scan settings are saved so you can efficiently complete a set of scans.

Analysis: A histogram of the selected data shows you what thicknesses are present in

Re-gating: Making your data smooth and clean is simple with the option to re-gate individual points, selected regions, or the

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