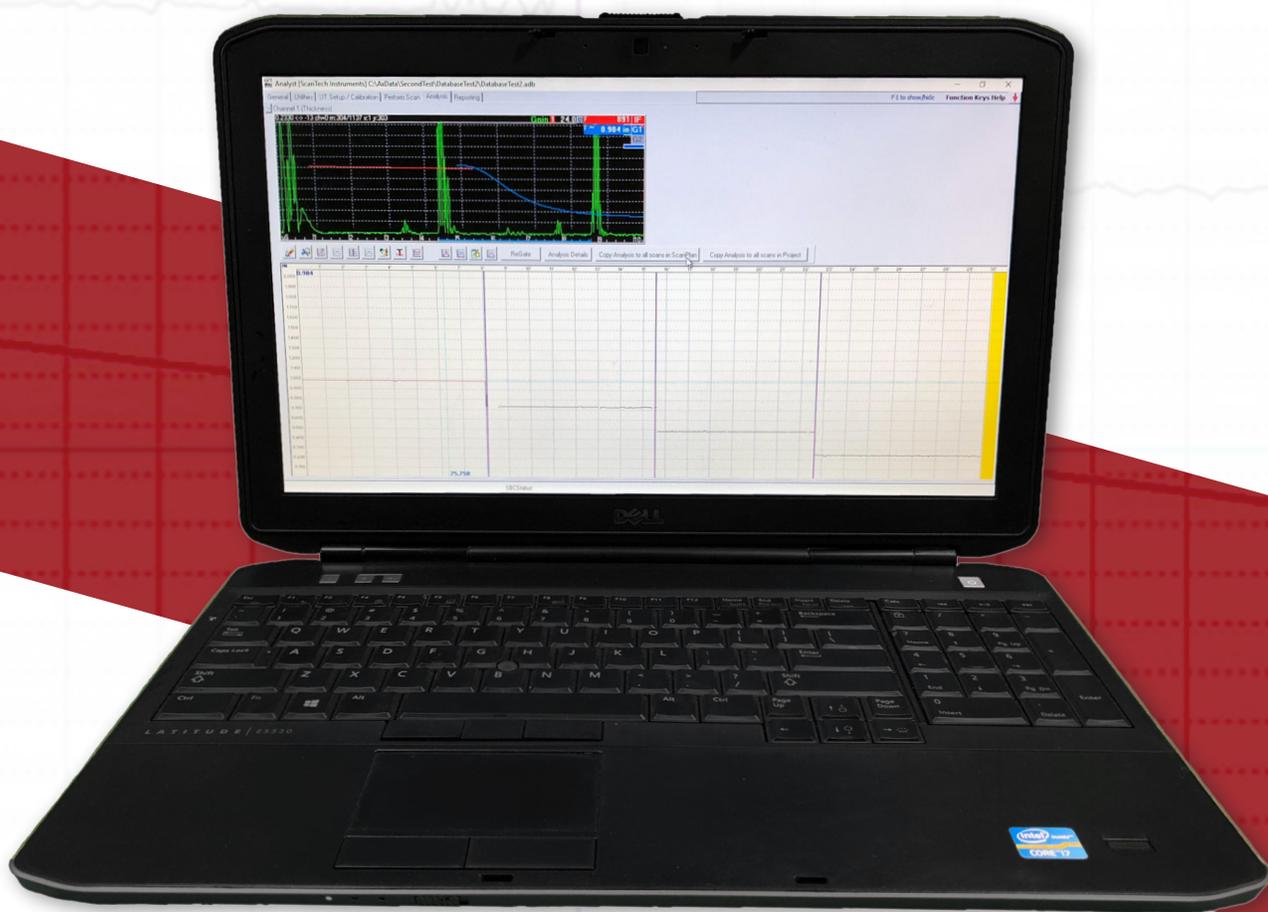


Analyst X™ SOFTWARE

USER-FRIENDLY, B-SCAN INSPECTION



SOFTWARE
SO

AUTOMATED DATA ANALYSIS AND REPORTING

Analyst X™ is a versatile, user-friendly solution specifically designed for automated ultrasonic B-scan inspection, compatible with the X3 Spider and D2S scanning systems. Analyst X™ simplifies data acquisition, guided calibration, re-gating functions, and comprehensive reporting—including statistical summaries of scan data and overlay comparisons. Engineered for efficient and accurate ultrasonic inspections, Analyst X™ streamlines your inspection workflow and enhances data reliability.

Analyst X™

FEATURES AND BENEFITS:

Automated Reporting:

Generate detailed reports instantly with scan plans, B-scan images, and statistical data.

Re-gating Capability:

Easily clean noise interference by selecting regions and adjusting gates post-scan.

Real-time Data Visualization:

View A-scan and B-scan data instantly as inspections proceed, ensuring accuracy and efficient data collection.

Flexible Scan Management:

Pause, resume, and reposition scans seamlessly during inspections without data loss.

Adaptable Configuration:

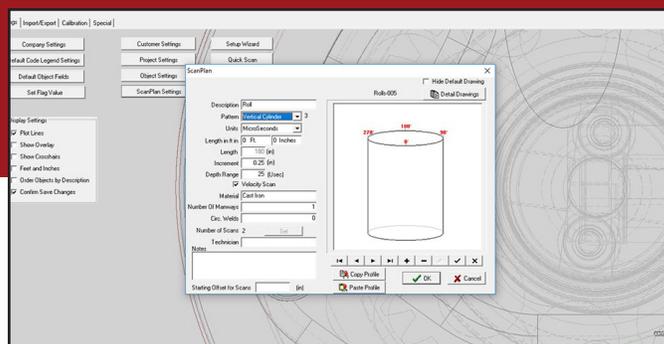
Designed to automatically adjust to single channel and dual-channel scanning systems like the X3 Spider and D2S.

Independent Gain and Frequency Control:

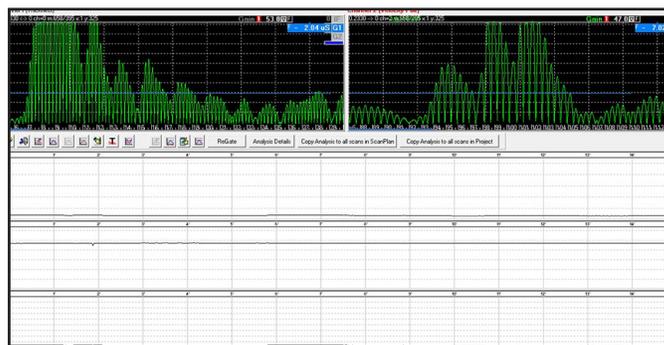
Simultaneously manage velocity, thickness data, and transducer frequency independently for optimized results.

SYSTEM REQUIREMENTS:

OPERATING SYSTEM	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
Graphics	No specific graphics card required



Easy Initial Setup – Quickly set scan dimensions, save your settings, and efficiently complete multiple scans.



Real-Time Inspection – Instant A-Scan and B-Scan visualization for efficient data monitoring.

ScanTech Instruments, Inc.		Sample Tank	
5501 Innovation Cir. Longview TX 75605 903-234-2025		Description	World Tanks, Inc.
		Customer	Dallas Division
		Location	5/27/1998
		Inspection Date	ut
		Inspection Method	
Object Inspected		Scan Plan	
Description: TK-150 M2		Description: Shell	
Contents: Sour Naphtha		Pattern: Vertical Cylinder	
Design Pressure: Atmospheric		Length: 44'-0.000" (528.00")	
Design Temp: Ambient		Increment: 1.000"	
Machine: ScanTech		Depth Range: 1.000"	
Manufacturer: Atask Manufacturing Company		Material: Carbon Steel	
Year Built: 1992		Number of Marways: 8	
API 653		Number of Scans: 8	
Diameter: 1678" (139.8 ft.)		Technician: A.Tech	
Joint Efficiency: 1		Notes: Loss due to rough surface	
Plate Tensile Strength: 58000 psi			
Des. Max. Liquid Level: 56.0 ft.			
Calc'd Max. L.L.: 56.0 ft. (limited by Entered MLI)			
Actual Tank Height: 0.0 ft.			
Max Specific Gravity: 0.80			
Plate Yield: 23000.00 psi			
Seams: Welded			
If Riveted, Type: _____			
Rivet Rows: _____			

Automated Reporting – Generate detailed reports with one click, including all necessary inspection data.



SCAN HERE FOR MORE INFO