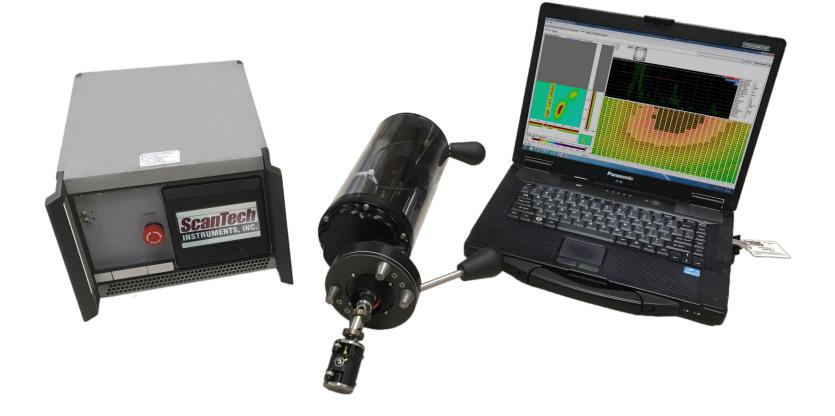


sales@scanndt.com www.scanndt.com Phone: (903) 234-2025 Fax: (903) 234-2033

## Analyst NDX<sup>™</sup>

## Quick Start Guide for Analyst NDX<sup>™</sup> Software



33 Analyst NewDrum X[C1/ANDAData/Kapstone] File Help General Tu <mark>n</mark> Scheet UT and Motion Satu: Perform Scan Tube View Reporting Utilities/Maint Calibration	- a ×	Andyst New Your XXXMADGestSangler) Tri Holp Genes [ Taks there   Uf and Motor Song   Petern Son   Take Ven   Reporting   Utilies/Meril   Saltrator	a)	- 0
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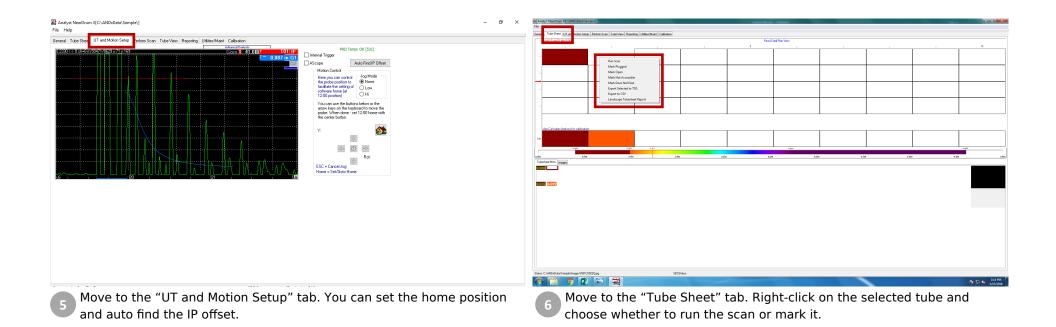
Begin on the "General" tab. Fill in the information about your scan including the customer information, number of rows and tubes, nominal inner diameter, and additional scan settings.

Optional: Edit the color map settings by clicking and dragging the c	olors
or manually input the values by clicking the button "Manual Colorm	ар
Settings".	

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Disk Information Backup Configuration Logo Calibration Standards Import/Export Provides the user re-interface with which to define the	nsions of their calibration tubes. Longitudinal dimensions are entered relative to the U	
New Cal Tube Delete selected Cal Tube Cal Tube Cal Tube Serial Name Incode set adjusted on the Cal Dube Serial Name Incode set		
5.5 Dimension from face of Bange to Last Step. Correct TubeSettings to Proi Delauts		
0.0500 Use arrow keys to move within gid.		
0.0710 Down arrow on last row will add a		
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0.1210 0 0.284		
0.437 0.246	IFComp: 0 Velocity: 233	
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0.1710 1.75 0.171 2.187 0.146	Dimension your Call Tube (Utilities(Maint Tab) Celetcy your Calibration Tube (TubeSheet Tab - Celibration Standards SubTab) Parform a Scien on your call tube.	
0.1960 2.625 0.121	Use this tab to compare Averaged readings from CScan to Cal Tube Dimensions	
0.2210 3.062 0.096	Adjust the vertical slider to orient the steps Adjust IFComp slider to match the lower steps	
0.2460	Adjust the Velocity slider to remove red or purple colors Tweek all sliders until minimum colors (red or purple) is achieved.	
	<ul> <li>Apply new Velocity and IFComp dimensions when asked.</li> <li>Run the tube again (if desired) to assure compliance.</li> </ul>	
	New settings will ONLY apply to future scans.	
Move to the "Utilities/Maint" tab. Create a "New G	al Tube" and add a Move to the "Calibrate" ta	ab. Select the calibration tube serial name from

Move to the "Utilities/Maint" tab. Create a "New Cal Tube" and add a name for the "Cal Tube Serial Name". Input the thicknesses and distances of the calibration tube in the chart.

4 Move to the "Calibrate" tab. Select the calibration tube serial name from the drop down listing. Using the calibration tube, follow the steps given at the bottom of the page to calibrate the scanner.

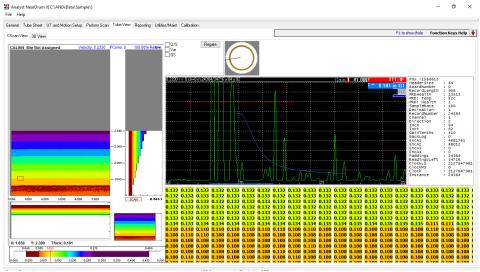


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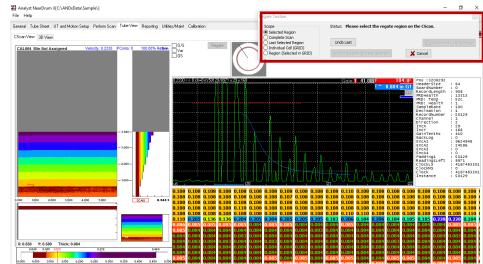
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By clicking "Run Scan" on the tube sheet, it will automatically switch to the "Perform Scan" tab. Click the "start" button to begin the scan. Should you need to stop the scan, you can click "abort".

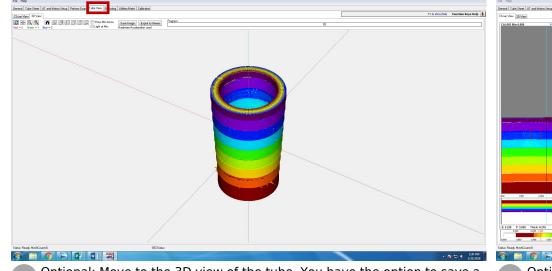
You can watch the scan in real-time and make adjustments to the gain as necessary.



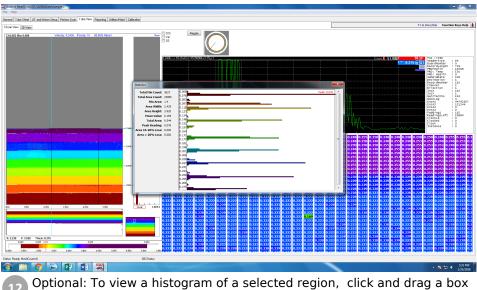
Next move to the "Tube View" tab. On this tab, you can re-gate the data, adjust the colormap, or see a 3D view of the tube.



Optional: To re-gate the data, click the "Regate" button in the top right corner. Select which region to re-gate, move the gate to the new position, and click "perform regate to these settings".



Optional: Move to the 3D view of the tube. You have the option to save a picture of the tube or export the data to an external viewer.



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Optional: To update your company's logo, move to the "Utilities/Maint" tab and click the sub-tab "Logo". Load the logo from a file or paste it from the clipboard.	Optional: To export the tubesheet data, sync up multiple systems, or import or export tube data structure information, move to the sub-tab "Import/Export".	i

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19 Once you are finished customizing the report, you can save and export the report.

## Data Acquisition: Function keys

	- · · ·
Кеу	Function
F1	Show/hide listing of function keys
F2	Re-gate data
F3	Save custom (named) image
F4	Find next min. point
Ctrl F4	Back through min. points
F5	Toggle C-scan full width
F6	Toggle AmpBS/Grid
Ctrl F6	Toggle ABS/ADS
F7	Use gate settings for UT setup
F8	Move to position
F9	Set min and save images
F10	Crosshair to min position
F11	Toggle play/stop
F12	Locate min area

Кеу	Function
End	Fits C-Scan to window
Home	Scale of C-Scan 1:1
Ctrl Home	Zoom C-Scan to fit grid dimension
Page Up	Zoom in
Page Down	Zoom out
Arrow Keys	Move cross-hairs on C-Scan image
Ctrl Arrow Keys	Scroll window when zoomed in
Alt Arrow Keys	Scroll grid (red) box