

TD-Scan v20.00 Overview

Date 21 – Feb – 2018.

- New user interface for touch screen operation. This only becomes active when the software is executing on a system with a multi-touch digitiser (English only).
- Strip Scan.
 - Data acquisition now records the min/max temperature via an ETI thermocouple data logger.
 - The individual indications within each Strip-Scan mark-up box are now saved in the scan file.
 - Re-ordered down stream volumetric strips so that left-to-right are root-to-cap.
 - Mark-up boxes can now be linked across Up/Down streams.
 - Modified external alarm to work with Strip Scan.
 - The peak position to gate centre is displayed in the A-Scan display window when Peak Info is being displayed. Also, the channel's label is displayed in the A-Scan display window.
- Super View.
 - Added gain control window for data acquisition.
 - Set the default background colour for ToFD views to black.
 - Improved the F-Law +/- buttons in A-Scan views.
 - Highlight the selected view in the TD Super-View Panel Layout dialog.
 - A warning is now given if all focal laws for a given channel are not selected in a view.
 - Scanner position dialog is no longer display at the start of data acquisition if the manual scanner type is selected.
 - If all channels within a C-Scan view have the same vertical offset, during acquisition the image now changes when the probes reach the end of the image.
 - The default amplitude scale for echo dynamic views is now "auto".
 - Added manual indexing in the secondary axis.
 - Changing the C-Scan display gate during acquisition now works the same as in analysis. i.e. the C-Scan image is re-created with the new gate.
 - The ability to select or de-select individual focal laws into a view was added in v19.12. By default, this feature is now disabled. Therefore, selection is at the channel and not focal law level. Focal law selection can be enabled in the <TD Super-View> configuration dialog. From the menu select <Setup>, <Technique>, <TD Super-View> tab.
- Parabolic cursors are now available in ToFD analysis viewer mode.
- A-Scan display cursors dialog box, now updates when the channel or focal-law being viewed changes.
- When the <Collection Hardware> dialog is opened, the current settings are saved to a temporary file. Pressing the <Cancel> button reloads the setting from the temporary file.
- Fixed various issues in the Phased Array wizard when working in inches mode.
- Line is added to indicate the depth of the target during TCG calibration and test.

- Fixed various issues in TD Super-View when working in inches mode.
- Resolved compatibility issues with ES Beam Tool 8.
- Added support for linear spread beam-sets, both Uniform and Compound-S.
 - Linear Spread beam-sets with Compound Spacing is only available since ES Beam Tool 8.
 - Linear Spread beam sets are fully configurable in TD-Scan software, just like normal Linear/Sectorial beam-sets, when operating in touch screen operation even without using BeamTool.