Veo3 Public Manifest

October 13, 2023

2023-10-14 Veo3 4.5.5

New Features

4692 Fixes BeamTool linear spread focal law import.

4730 GE SEB4-0-E DGS probe has been added.

4774 Probe and wedge database updated. It fixes some dimensions.

4789 New multiscan acquisition layouts. Some get small scrolling top views for coupling check purposes.

4793 128E WP2 utprobes and examples files have been added.

4726 HV Calibration Improvement.

Fixed Issues

4587 TOFD Lateral Wave Straightening is fixed.

4781 Fixes internal SSD partition issue.

Known Issues

4689 The numeric keypad does not appear in the auto-hide menu mode.

2023-01-17 Veo3 4.5.4

New Features

4680 Improve HV error management

Fixed Issues

4684 Fix missing translations

2022-11-26 Veo3 4.5.3

New Features

4619 Correct HV error message to reduce confusion

4600 Improve HV error management

4634 Change in UT Filters specification

2022-03-17 Veo3 4.5.2

New Features

None

Fixed Issues

2762 Spurious noise fix for PA + long range setup.

4567 It fixes data issues with IFT and C-scan views.

4572 Preventing issue for touch-screen interactions and custom focal law new setup wizard.

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

4547 The touchscreen may stop working when a VNC session has been closed.

2021-10-22 Veo3 4.5.1

New Features

None

Fixed Issues

4557 Any valid TFM apertures beyond the 65th element now work.

4558 TFM MC-scan view is empty in live/record mode.

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

4547 The touchscreen may stop working when a VNC session has been closed.

2021-10-12 Veo3 4.5.0

New Features

2828 The user can import focal laws under the inspection tab.

3644 .law filename is displayed in the Inspection tab.

3650 Utstudio+, Veo+ and Veo3 supports .law (and .pte) CIVA files.

4242 Custom focal laws do not work with the "no wedge" setting.

4309 The custom focal law persists when you reload that utcfg.

4412 There is a unique color to each TFM scan. The TFM scan tab colour is the same as its TFM ROI box.

4426 For an ezDGS probe, you can now edit its refracted angle.

4436 Top and End views get new extraction resolution parameters. (Under view properties)

4448 The interface uses ROI (Region of Interest) terminology. ("ZOI" has been replaced by "ROI")

4450 New TFMi scan type: Keep Max operator.

4456 AUTO FSH function button is disabled with Product TFMi.

4459 6T and 7T propagation modes have been added. (also available in TFMi scans)

4461 New X6BW flat .utwedge files.

4464 Probe and Velocity wizard is disabled in TFMi scans.

4469 New D1B flat wedges.

4471 New StarTech WiFi dongle support.

4495 The Wedge Angle Wizard check has been moved to the Wedge tab.

4535 There are new X2B probes and wedges.

4183 Utstudio+, Veo+ and Veo3 supports .law ES BeamTool files.

4390 New TFMi scan type: Product operator.

4402 Faster ROI computing; Spinner included.

Fixed Issues

4284 New behaviour: All the WiFi previous settings are saved.

4314 Cartesian cursors in MC-scan view: Index and scan position readings fixed.

4364 The part overlay "W" shortcut is fixed.

4366 Focus goes to the menus once you loaded a probe or a wedge.

4387 For curved surfaces geometries, the location of the probe in the 3D view, may sometimes be out of boundaries.

4396 Curved surface inspection in conventional UT; The user must manually update the "Contact Surface" parameter.

4400 Unsaved IFT culling and circular ruler parameters are fixed.

4418 Issue with the propagation mode parameter while using the Autofit A-scan in the FMC scan

4429 Live TFM merged c-scan data is not displayed properly in play mode

4443 Conflict with SMC TFM and Max PRF is fixed.

4468 Probe and Wedge media browsing is faster with TFM scans.

4490 Extra image sensitivity levels: 32x and 64x. (exclusive to product TFMi)

Known Issues

3700 Bottom Right Row probe element layout is fixed using the wedge angle wizard.

4467 The TFM could glitch at pause.

4547 The touchscreen may stop working when a VNC session has been closed.

4557 Any valid TFM apertures beyond the 65th element do not work.

4558 TFM MC-scan view is empty in live/record mode but in analysis

2021-04-07 Veo3 4.4.0

New Features

3688 Update of the D1S probe dimensions

3725 New Hilbert envelope on live TFM scan

3771 Up to 6 live TFM modes simultaneously

3843 New Time Corrected Gain (TCG) for live TFM

3844 New velocity and zero wizard for live TFM Scan

3857 New sensitivity setting for live TFM scan

3867 New sparse matrix capture (Fast TFM) functionality

3876 New simultaneously multitechnique scan (Phased-array, TFM, TOFD)

3904 Up to 64 elements aperture in live TFM scan

3914 New amplitude fidelity wizard for TFM scan

3948 New TFM configuration templates

3950 New 5T TFM propagation mode

4069 New multitechnique layout

4115 New touchscreen and keypad

4308 New Xpair update

3796 Total Focusing method (TFM) is now available

Fixed Issues

3687 New probe in UTstudio+ have all elements activated by default

3694 TCG is not reset when the start path is moved beyond the first point

3717 TCG curve interpolation improvement when a TCG point is outside of the scan

4223 Pulse width value of the MSEB4 probe has been updated.

4259 In extreme configurations, the phased-array PRF could, because of an issue, be applied on the UT channel.

Known Issues

4418 Issue with the propagation mode parameter while using the Autofit A-scan in the FMC scan

4429 Live TFM merged c-scan data is not displayed properly in play mode