

Veo3 Public Manifest

July 30, 2024

2024-07-31 Veo3 4.5.6

New Features

4869 Support for new ISSI memory chip

Known Issues

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

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