

UTmap Public Manifest



June 17, 2025

Recommended System

- Intel® Core™ i7 processor or faster
- 16 gigabytes (GB) of RAM
- 256 gigabytes (GB) SSD hard disk
- Full HD Screen (Optimised for 1080p resolution)
- One of the following operating systems:
 - Windows 7 (64-bit version)
 - Windows 8 or 8.1 (64-bit version)
 - Windows 10 (64-bit version)

Software Compatibility

The Sonatest UTmap software is compatible with the .utdata files recorded by the following instruments:

- RSFLITE
- VEO+
- PRISMA

UTmap Features

- Generate HIGH-RESOLUTION Tiled-Scan (T-scan) canvas from individual C-Scan.
- Improve reporting by allowing the image or CAD drawing importation.
- Generate automatic defect measurements with the defect ANNOTATION BOX.
- Generate automatic statistical measurements with the defect ANNOTATION BOX.
- Allow the user to apply FREE HAND cursor for manual defect measurement.
- Give real time and auto-colour defect zone with the selected defect criteria.
- Allow conditional defect measurement criteria based on both the signal amplitude and time of flight.
- Allow individual C-scan analysis stripe for optimised analysis and report.
- Allow individual SOFTWARE GAIN adjustment.
- Allow individual GATING adjustment.
- Allow post-acquisition probe position adjustment for a better analysis and reporting.
- Allow superposition adjustment of individual C-scan strip for a improve acquisition overlap.
- Generate automated and detailed reports.
- EXPORT RAW DATA to a CSV format for advanced or customised analysis and reporting.
- Opacity adjustment for an optimise superposition of data set and part reference image.

2025-06-18 UTmap 4.5.8

New Features

None, follows other products' software version ID.

2024-12-03 UTmap 4.5.7

New Features

4771 License maintenance update to ensure the availability of the trial mode on UT Studio and UT Map software.

4855 New probe configuration files added for the Wheel Probe 2, 1MHz, 102 Elements model.

Fixed Issues

4870 Fix color palette display for data represented in depth value and collected using a non-rectified (RF) signal.

4871 Fix the issue with Merged C-scan and T-scan to ensure cropping positions are unaffected by updating from the original scan such as after a gate position adjustment.

2024-07-31 UTmap 4.5.6

New Features

None, follows other products' software version ID.

2023-10-14 UTmap 4.5.5

New Features

None, follows other products' software version ID.

2023-01-17 UTmap 4.5.4

New Features

None, follows other products' software version ID.

Known Issues

4368 The freehand cursor measurement only worked in metrics.

2022-11-26 UTmap 4.5.3

New Features

None, follows other products' software version ID.

Known Issues

4368 The freehand cursor measurement only worked in metrics.

2022-03-17 UTmap 4.5.2

New Features

None, follows other products' software version ID.

Known Issues

4368 The freehand cursor measurement only worked in metrics.

2021-10-22 UTmap 4.5.1

New Features

None

Fixed Issues

4559 Gate Synchronisation function is fixed.

Known Issues

4368 The freehand cursor measurement only worked in metrics.

2021-10-12 UTmap 4.5.0

New Features

None

Fixed Issues

4420 Colour mapping is fixed in the depth T-scan.

Known Issues

4368 The freehand cursor measurement only worked in metrics.

2021-04-07 UTmap 4.4.0

New Features

None, follows other products' software version ID.

2020-09-01 UTmap 4.3.0

New Features

3118 Individual C-scan stripe can be cropped

3299 Individual C-Scan stripe can be flipped and mirrored in the T-Scan

3517 Smaller sampling grid can now be performed for the CSV Scan Exportation feature

3803 Merged C-scan are now compatible with UTmap

3927 Circle cursor are now available

3932 Fix aspect ratio is now available on individual C-scan

3933 New layout with B-scan have been added

3935 Palette synchronization tools now synchronize only palette displaying similar information

3936 Comments could now be displayed in the T-scan next to the annotation box

3937 Annotation now snaps on the c-scan stripe when closes enough

3938 New information have been added in the Utmmap report

Fixed Issues

3511 Pictures can now be resized directly with the mouse in the T-Scan.

2020-01-24 UTmap 4.2.6

New Features

None, follows other products' software version ID.

2019-06-21 UTmap 4.2.4

New Features

None, follows other products' software version ID.

2019-03-28 UTmap 4.2.3

New Features

None, follows other products' software version ID.

2019-03-12 UTmap 4.2.2

New Features

None

Fixed Issues

3658 Rounding correction in the bonding measurement (Value was sometimes slightly higher than 100

3674 Correction of the annotation of the box selection sensitivity (Distance from the mouse)

2018-11-22 UTmap 4.2.1

New Features

3494 Translation file for French, Chinese, Slovak, Czech, Russian

2018-10-17 UTmap 4.2.0

New Features

2052 Maximum cursor and annotation quantity now fixed to 60

3324 New automated contouring for improved visualisation of defective zone

2779 Fix invalid file handle messages pop-up for Windows installation/update