UTmap Public Manifest

November 21, 2018

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.

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