



UTSTUDIO+ PUBLIC MANIFEST



April 7, 2021

Recommended System

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

Feature Matrix	UTstudio+ 	UTview 
ACTIONS ON A SONATEST UTDATA (data file)		
Generate HIGH-RESOLUTION TFM IMAGES from an FMC scan.	X	
Improve defect discrimination and sizing using SOFTWARE GAIN.	X	
Generate automatic measurements with the defect ANNOTATION BOX.	X	
Select measurements, scan parameters and images to generate automated and CODE-COMPLIANT REPORTS.	X	
Export an A-SCAN WAVEFORM to be re-called as a reference on another data set (REFERENCE A-SCAN).	X	
EXPORT RAW DATA to a csv format for advanced or customized analysis and reporting.	X	
Create and re-call PREFORMATED ANALYSIS TEMPLATE SHEET to speed-up similar or recurrent utdata analysis (BATCH ANALYSIS).	X	
Here are some of the standard and advanced data analysis tools: <ul style="list-style-type: none"> • SHOW FMC-TFM-A-B-C-D-L-S scan views • SHOW TOP-SIDE-END-TOFD views • CREATE CUSTOMIZED SHEETS (layout work space) for analysis • MODIFY gate, cursor position & color palette settings • ADD gates and cursors for sizing & measurements 	X	X
SAVE ALL THE ACTIONS MENTIONNED ABOVE in a utdata files.	X	
ACTIONS ON SONATEST UTCFG (configuration file)		
CREATE NEW UTCFG configuration files.	X	
MODIFY and MANAGE existing UTCFG configuration files.	X	
OPEN and REVIEW parameters of an existing UTCFG configuration.	X	X

Software Compatibility

- The Sonatest UTstudio+ and UTview are compatible with following instruments:
 - VEO+
 - PRISMA
- UTstudio+ and UTview are not compatible with first generation VEO16:64 and VEO16:128 (yellow enclosure). For these instruments, use the previous generation of UTstudio Standard and Viewer software (version 3), available at www.sonatest.com.

2021-04-07 UTstudio+ 4.4.0

New Features

3688 Update of the D1S probe dimensions

3950 New 5T TFM propagation mode

Fixed Issues

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

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

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.

2020-09-01 UTstudio+ 4.3.0

New Features

3723 New Probes and Wedges have been added to our data base

2020-01-24 UTstudio+ 4.2.6

New Features

3719 Additionnal layout on 3 linear scans set up.

Known Issues

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

2019-06-21 UTstudio+ 4.2.4

New Features

None, follows other products' software version ID.

Known Issues

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

2019-03-28 UTstudio+ 4.2.3

New Features

None, follows other products' software version ID.

Known Issues

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

2019-03-12 UTstudio+ 4.2.2

New Features

3653 Low profile X0AW wedge dimensions update

Fixed Issues

3614 B-Log representation is the same as B-Scan

Known Issues

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

2018-11-22 UTstudio+ 4.2.1

New Features

3182 Add WP2 New Encoder Configuration File (update Tick/s)

3527 Integration of the User Manual in UTstudio

3577 NEW Palette synchronization tool !

3641 Include now Starc and TStarc UT probe file in the internal database

3642 New ezDGS Karl Deutsch Probes added in internal database

3250 Update D1S Probes Models

3254 Width dimensions up to date on D1A wedge series

Known Issues

3614 B-Log representation is the same as B-Scan

3616 CrossHair Cursor Value in B-LOG Scan with Depth Mode Is Not Working

2018-10-17 UTstudio+ 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

Known Issues

3625 UTview displays feature not available message when load utdata

2018-04-26 UTstudio+ 4.1.0

New Features

- 2048** UTstudio+ is now a 64 bits software only
- 2454** Linear Scan elements resolution can now be set by user
- 3002** New TFM imaging solution and tools for UTstudio+
- 3117** New look and feel for UTstudio+
- 3135** Updated Translation for all languages
- 3157** New option to hide gates ID information in the A-Scan view
- 3162** Updated Help Files
- 3185** Increase probe number limitations for multiscan configuration
- 3193** Tabs and icons look & feel update
- 3211** Old veo16 (yellow veo) data file won't be compatible with UTstudio+