

# UltraVision Touch 3.8R13

Limitations and Remaining Anomalies



# Table of Contents

- Table of Content ..... 2
- IMPORTANT MESSAGE..... 3
- Fixed Anomalies ..... 4
  - Setup and Inspection ..... 4
    - Message for FPGA update when instrument is booted with a Hypertonic splitter connected..... 4
    - TOPAZ<sup>16</sup> – Protection mode can cause installation to rollback ..... 4
    - Uncorrected Sectorial Scan is not available..... 4
    - Corrupted files when TOPAZ is brutally closed after saving the data file..... 4
    - TOPAZ<sup>16</sup> – F1 and F2 buttons can't be configured ..... 5
    - Reset Scan button for Clicker Indexer..... 5
  - Analysis and Reporting..... 5
    - Info fields do not update on cursor measurements ..... 5
    - Distance timebase information is wrong in reports ..... 5
    - On pipe with axial weld, all circumference is merged when doing a Volumetric merge ..... 6
- Limitations and Remaining Anomalies..... 6
  - Setup ..... 6
    - Element Check for 2D-Matrix probe – Displayed element numbering does not correspond to the probe element numbering..... 6
    - TOFD Calibration ..... 6
    - Split Sector Calibration - Nothing is showing you which sector you're calibrating ..... 6
  - Analysis and reporting ..... 7
    - C-Scan Stitching using Difference Gate..... 7
    - Custom Info fields are reset when clicked a second time ..... 7
    - Time Reversal tab not available during data analysis..... 7

## IMPORTANT MESSAGE

UltraVision® Touch 3.8R13 is the latest UltraVision release in UltraVision software. This new version incorporates a series of new features and improvements as described in the Product Bulletin document.

Zetec is committed to the highest levels of product quality. Some limitations and remaining anomalies were detected during the validation campaign and are listed in this document.

If when using UltraVision Touch 3.8R13, you detect any other limitations or remaining anomalies not included in this document, please contact us at [Support-UTProducts@zetec.com](mailto:Support-UTProducts@zetec.com). Detailed information about the problem will help our software team to expedite the correction process.

## Fixed Anomalies

### Setup and Inspection

Message for FPGA update when instrument is booted with a Hypertonic splitter connected

<b>Status:</b>	<b>Anomaly</b>   <b>B1833</b>
<b>Description:</b>	When the TOPAZ is booted with a splitter connected, a window pops up asking for an FPGA update. If the FPGA update is accepted, it is not possible to connect TOPAZ to UltraVision and there is no data throughput. UltraVision needs to be reinstalled to fix.
<b>Correction:</b>	Firmware correction implemented.

TOPAZ<sup>16</sup> – Protection mode can cause installation to rollback

<b>Status:</b>	<b>Anomaly</b>   <b>B2072</b>
<b>Description:</b>	When installing a new software version on TOPAZ <sup>16</sup> , the installation process can rollback. This may also happen when booting TOPAZ <sup>16</sup> if switching to remote mode and coming back to Touch interface. When this happens, views will show no data and the sectorial scan will be completely grey.
<b>Correction:</b>	The booting step has been corrected to solve the problem.

Uncorrected Sectorial Scan is not available

<b>Status:</b>	<b>Limitation</b>   <b>B1979</b>
<b>Description:</b>	Uncorrected sectorial scan is not available in UltraVision Touch
<b>Correction:</b>	When opening the <b>View Properties</b> for the Sectorial view, <b>Volume Corrected</b> option can be set to <b>No</b> .

Corrupted files when TOPAZ is abruptly closed after saving the data file

<b>Status:</b>	<b>Limitation</b>   <b>B2208</b>
<b>Description:</b>	After saving a data file, if TOPAZ is closed by pressing the hardware power button, by unplugging it, or if an external USB memory drive containing the data is suddenly unplugged, the data file, although showing the normal size, may be impossible to open. A similar behavior can occur with setup and display files.
<b>Correction:</b>	The file saving corrected.

## TOPAZ<sup>16</sup> – F1 and F2 buttons can't be configured

<b>Status:</b>	<b>Anomaly</b>   <b>B2060</b>
<b>Description:</b>	F1 and F2 buttons on the right side of the TOPAZ <sup>16</sup> are not functional.
<b>Bypass:</b>	In the <b>Tools</b> menu under the <b>Device Panel</b> tab, it is now possible to select the action to assign to each of the F1 and F2 buttons.

## Reset Scan button for Clicker Indexer

<b>Status:</b>	<b>Anomaly</b>   <b>B1982</b>
<b>Description:</b>	The Reset Scan button of the Clicker Indexer does not reset position when set to <b>Yes</b> .
<b>Correction:</b>	The <b>Reset Scan</b> button now resets position.

## Analysis and Reporting

### Info fields do not update on cursor measurements

<b>Status:</b>	<b>Limitation</b>   <b>B2210</b>
<b>Description:</b>	Info fields do not update on cursor measurements. It is necessary to click on another view to trigger the refresh, and then come back to the view to reactivate your cursor.
<b>Correction:</b>	Cursor measurements now update in real time.

### Distance timebase information is wrong in reports

<b>Status:</b>	<b>Limitation</b>   <b>B2298</b>
<b>Description:</b>	If using a distance timebase, the report shows a Half Path timebase. The Timebase Start and Range correspond to the Half Path values for the lowest angle of the channel (limited to UltraVision Touch 3.8R11)
<b>Correction:</b>	Distance timebase correctly saved in reports.

On pipe with axial weld, all circumference is merged when doing a Volumetric merge

<b>Status:</b>	<b>Limitation</b>   <b>B2155</b>
<b>Description:</b>	On pipe with axial weld configuration, all circumference is merged when doing a Volumetric merge.
<b>Correction:</b>	Only the data contained in the timebase range is merged.

## Limitations and Remaining Anomalies

### Setup

Element Check for 2D-Matrix probe – Displayed element numbering does not correspond to the probe element numbering

<b>Status:</b>	<b>Limitation</b>   <b>B2280</b>
<b>Description:</b>	When doing an element-check using a 2D-Matrix probe, the element numbering does not correspond to the probe element numbering.
<b>Bypass:</b>	None.

### TOFD Calibration

<b>Status:</b>	<b>Limitation</b>   <b>B1208</b>
<b>Description:</b>	When changing the crossover parameter in a TOFD calibration, no warning message is displayed to avoid losing all existing TOFD calibration parameters.
<b>Bypass:</b>	None.

Split Sector Calibration - Nothing is showing you which sector you're calibrating

<b>Status:</b>	<b>Limitation</b>   <b>B1148</b>
<b>Description:</b>	Split sector calibration doesn't clearly display the sector separation.
<b>Bypass:</b>	None.

## Analysis and reporting

### C-Scan Stitching using Difference Gate

<b>Status:</b>	<b>Anomaly</b>   <b>B1854</b>
<b>Description:</b>	When selecting a Difference Gate before executing a C-Scan Stitching, only the stitched C-Scan for that Difference Gate is created and other gates are not included.
<b>Bypass:</b>	Select another gate than the Difference Gate before clicking on the <b>Merge</b> button.

### Custom Info fields are reset when clicked a second time

<b>Status:</b>	<b>Limitation</b>   <b>B1729</b>
<b>Description:</b>	For both the Application Info fields and for the Indication Table Info Fields, when a "Custom" set of fields is defined, clicking on custom a second time erases the content of the "Custom" set.
<b>Bypass:</b>	None.

### Time Reversal tab not available during data analysis

<b>Status:</b>	<b>Limitation</b>   <b>B2299</b>
<b>Description:</b>	The Time Reversal tab is not available during data analysis.
<b>Bypass:</b>	None.

#### Quality

All work is done in accordance with ZETEC Quality standards program, which complies with 10CFR50 Appendix B, ISO 9001:2008 and ISO/IEC 17025:2005.



Toll free: 800.643.1771 (USA)

[info@zetec.com](mailto:info@zetec.com)

[www.ZETEC.com](http://www.ZETEC.com)