

Fluke 167x Firmware V1.1.1 Release Notes

Date: 10th July 2025

Important Notice for Firmware Update V1.1.1

This update introduces a new database structure. As part of the upgrade process, **all existing projects stored on the device will be permanently deleted.**

Before proceeding, please ensure you have backed up any important data or projects you wish to keep in the TruTest software. Once the update is complete, these projects cannot be recovered.

Improvements:

- (1) Optimized save performance for multiple measurements and large projects
- (2) Resolved instrument reset during repeated 'Quick Save'
- Improvements of a house keeping nature to improve speed, stability and overall user experience.

(1) Optimized save performance for multiple measurements and large projects

Save performance for projects with large datasets or multiple measurements has been optimized. Users can now experience faster, smoother, and more consistent save operations, even within complex project structures.

To implement this improvement, the entire project is now loaded into the memory of the 1670 series device. This change results in a more responsive and efficient user interface. Consequently, there is a practical limit to the size of a single project: up to **5 distribution boards, 50 circuits, and 20 test points.**

For larger installations, users can create additional projects using the same 'site' reference. These projects will be grouped under a single site within TruTest software, ensuring a seamless and unified reporting experience while still benefiting from the enhanced performance.

Please note: this is an interim solution. A more flexible and scalable approach to handling larger project structures is planned for a future update.

(2) Resolved instrument reset during repeated 'Quick Save'

A concern where the instrument would reset and display a black screen when saving a second result to the same record location using Quick Save has been resolved. This improves reliability and user experience during repeated measurements.

Fluke 167x Firmware V1.1.0 Release Notes

Date: 5th February 2025

New Features:

- Project editing is added. Projects created on the tool or uploaded on the tool using TruTest can now be edited on the tool using MENU > Project Management Edit Project menu.
- Auto Test is added to the FORM mode. The selected Auto Test will be performed on the active row in the Form and populate the cells with the Auto Test results automatically.
- Creating new projects using an existing project as a template is added. From the MENU > Project Management > Add Project menu it is now possible to use "Select from existing project" as a starting template to create a project.
- Added Auto Continuity to RLO function with adjustable beeper limit. With Auto RLO ON the RLO function will remain active once START is selected for quick testing of continuity until START is pressed again.
- Added Bluetooth License for CMIIT (China)

Improvements:

- UI Enhancements: Fixed overlaps, alignment, spacing, typos, and added translations. Enhanced icons and indicators.
- Functionality Fixes: Addressed issues with RLO/Continuity mode, voltage detection, Loop NoTrip, Fluke Connect screen, and more. Improved navigation and test functionality.
- Performance Boosts: Enhanced boot time by 30%, reduced battery drain, improved memory bar, and more efficient voltage detection and handling.
- Usability Enhancements: Improved navigation, added warnings, refined auto test functionality, enhanced project and form navigation, and added new features like NTFS thumb drive support.

Known Issues:

- User Interface: Keys pressed during boot may lock the interface. Custom Auto Tests are removed during firmware updates. Sometimes white space appears when navigating forms.
- Voltage Drop Limits: Not reset with factory reset.
- Fuse Warnings: A defective fuse may cause multiple pop-up warnings.

These updates aim to streamline the user experience, enhance functionality, and improve overall performance while maintaining awareness of current minor issues.

Fluke 167x Firmware V1.0.2 Release Notes

Date: 8 November 2024

New Features:

- None.

Improvements:

- Improved internal communication for manufacturing purpose.
- Corrected Auto Test sequence behavior.
- Improved handling of Fluke 1630-2 FC clamp standby mode.
- Show dashes (- - -) if reading is unknown (NAN)

Known Issues:

- None

Fluke 167x Firmware V1.0.1 Release Notes

Date: 9 November 2024

New Features:

- Initial release for Fluke 167, Fluke 1673 FC and Fluke 1674 FC.