



A Tektronix Company

Resistor Tolerance TSP[®] Application Script

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GENERAL INFORMATION

SUPPORTED MODELS

This application can be used on the following Keithley Instruments product models:

Model DAQ6510 Data Acquisition and Multimeter System (Front Terminals Only)

Model DMM6500 Graphical 6.5 Digit Multimeter

Model DMM7510 Graphical 7.5 Digit Multimeter

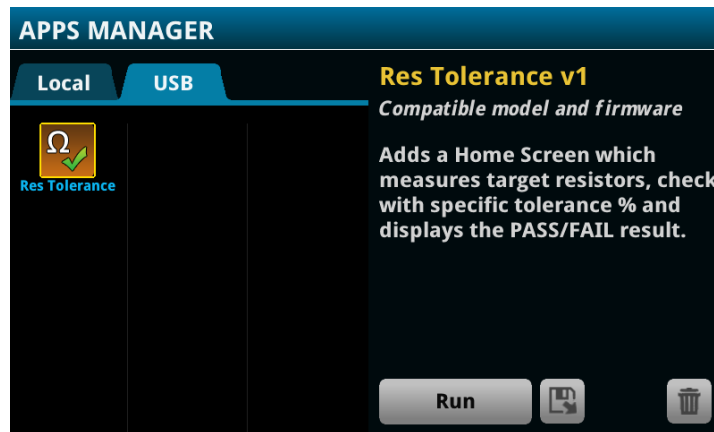
INSTALLATION INSTRUCTIONS

CAUTION

Do not turn off power or remove the USB flash drive until the upgrade process is complete.

From the front panel:

1. Copy the application file (.tspa file) to a USB flash drive.
2. Verify that the application file is in the root subdirectory of the flash drive.
3. Insert the flash drive into the USB port on the front panel of the instrument.
4. From the instrument front panel, navigate to **MENU->Scripts->Apps** (or press the **APPS** key if available on your instrument)
5. The Local tab shows your installed applications. Select the USB tab to display the applications on your USB flash drive.



6. Select an app. You will see a brief description and function of the app as well as instrument compatibility.
7. Select the save icon to install the application onto your instrument or select **Run** to execute the application from the USB flash drive. If you are updating an application, you will be prompted to overwrite the existing version.
You can delete an application from the instrument or your USB flash drive by selecting the delete icon.

VERSION 1.0.0 RELEASE

OVERVIEW

This application script allows you to verify whether a resistor is within a set tolerance. A resistance measurement is taken and compared to the rated value with tolerance. If the resistor is within tolerance, pass is shown on the screen. If a resistor is outside of tolerance, fail is shown on the screen. The user can opt to test multiple resistors in a single test or re-test a resistor on failure. The data for a test is saved to a sheet that can be exported to a USB drive.

For the latest version of this application and to see other applications, visit <https://www.tek.com/keithley/tsp-applications-for-touch-test-invent-models>.