



A Tektronix Company

2701 Integra Series Multimeter/Switch System

Version B03 Firmware Release Notes

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General Information

Supported Models

This firmware is used on the following Keithley products: 2701

Installation Instructions

To aid in installation, the Flash Wizard software and Firmware file are bundled together as one file. This bundled package is located on the Keithley website at tek.com/keithley. Search for Firmware by Model 2701 under the support tab.

Upgrade considerations for all 2701 models

The following table lists the considerations that should be made when deciding whether to upgrade your Model 2701 instrument firmware to version B03.

Consideration for upgrade	From any 'A' version	From any 'B' version
Recalibration required?	---	No
Backward compatibility concerns?	---	No
Requalification recommended?	---	No
Should you upgrade?	No	Review ¹

NOTE: Do NOT upgrade if your instrument currently has any version 'A' firmware installed.

¹ Review the entire list of changes made in all firmware versions between your current version and version B03. Upgrade if any of the fixes or enhancements are needed.

B03 Release

Overview

The B03 release addressed an FRAM timing problem which can lead to lost settings. Support for a new flash chip was also added.

Critical fixes

PR30205 **Symptom:**

Information such as communication settings, MAC address, serial numbers, etc. are lost from non-volatile memory.

Resolution:

This firmware revision will fix this problem. The lost settings will need to be reprogrammed with possible assistance from applications or repair.

B02 Release

Overview

The B02 release addressed an ethernet connection failure seen on some units. The upgrade additionally requires a hardware modification in order to correct the symptom, so no benefit is gained by upgrading unless the hardware modification is also applied.

Critical fixes

PR38977 ***Symptom:***

Some units power up with the ethernet interface not responding.

Resolution:

Instrument should be returned to Keithley

B01 Release

Overview

The B01 release was necessary to support hardware changes in the Model 2701, and is backward compatible with older hardware. No enhancements or bug fixes were made in B01. **Do not downgrade from B01 or higher** as the ethernet connection may not work, depending on what hardware was downgraded.