

Keysight B2980C Series Femto/Picoammeter and Electrometer/High Resistance Meter

Firmware Update Procedure

1. Power Off the Instrument

If the instrument is ON, press the Line Switch to turn it OFF.

2. Power On the Instrument

Press the Line Switch again to turn ON the power and wait until the LAN indicator turns green or red.

3. Download Firmware

Download the latest firmware from [Keysight.com](https://www.keysight.com) to your PC.

4. Unzip the File

If the downloaded file is compressed, unzip it.

5. Prepare USB Flash Drive

On your USB flash drive, create the following folder structure and copy the firmware files into it:

- B2980C/firmware/update-kernel-ktb2980.bin
- B2980C/firmware/update-ktb2980.bin

Important: Regardless of how the files appear after unzipping, ensure they are placed exactly in the B2980C/firmware/ directory.

6. Insert USB Drive

Insert the USB flash drive into the front panel USB port of the B2900 instrument.

7. Open Firmware Update Dialog

Press the function keys in this sequence:

More... > System > More... > Info. > Update > Firmware

8. Start Firmware Update

Press OK to start the update. The process may take about 10 minutes.

9. Cycle the Power

the update completes, cycle the power as prompted on the display.

10. Confirm Firmware Revision

Verify the firmware revision:

From the top menu, press Cancel/Local repeatedly to return to the main screen, then navigate:

More... > System > More... > Info. > Revision

© Keysight Technologies 2024-2025