AFG3000 Series Firmware Update
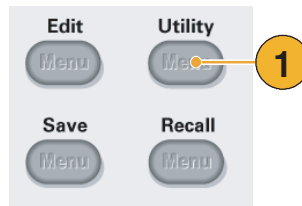
This Installation guide contains firmware update information for the AFG3000 Series Arbitrary/Function Generators.

⚠ **CAUTION.** *Updating your instrument firmware is a sensitive operation which may damage your instrument if you do not follow all instructions carefully. To prevent damage to the instrument, do not remove the USB memory or power off the instrument during the update process.*
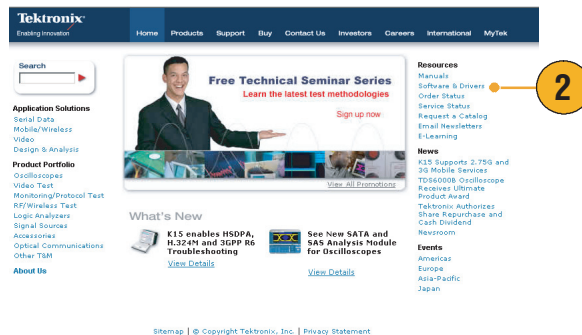
NOTE. *The screen images of the following procedure are provided as an example. The actual screen display may be different depending on your instrument configuration.*

1. Push the AFG3000 series instrument front-panel **Utility** button to display the Utility menu. Version information is displayed on the screen. Confirm the firmware version of your instrument.
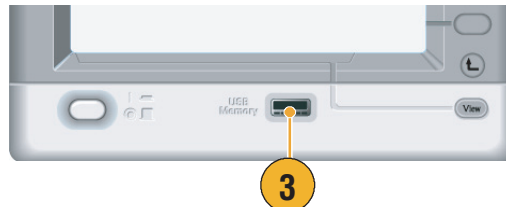
2. Visit www.tektronix.com, and check if Tektronix offers a newer firmware version. Download the compressed zip file with the most current firmware to your PC.
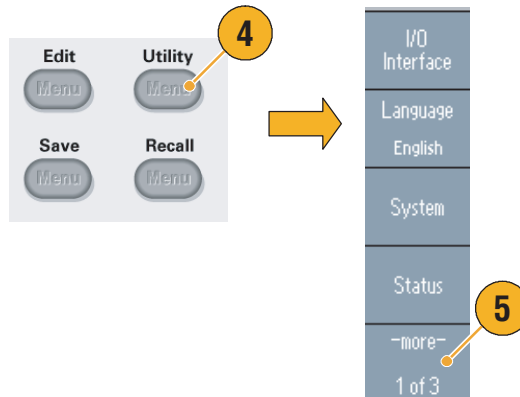
   Expand (Unzip) the downloaded file and copy the expanded tfb file to your USB memory.

3. Insert the USB memory into the front-panel USB connector of your AFG3000 series instrument.

4. Push the front-panel **Utility** button to display the first page of the Utility menu.

5. Push the **-more-** bezel button twice.

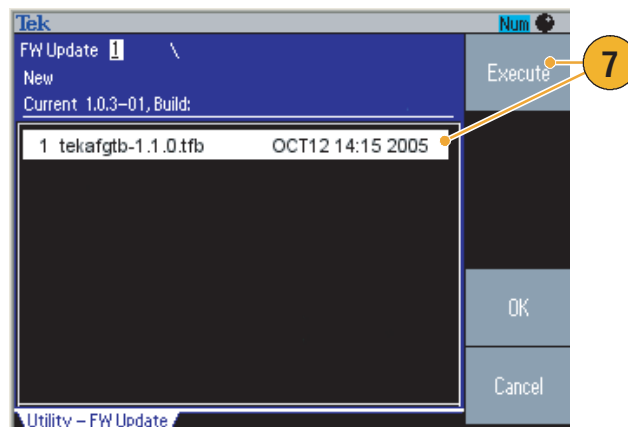**6.** The third page of Utility menu is displayed. Push **Firmware Update**.

NOTE. If Access Protection is On, the Firmware Update bezel button is disabled. Refer to the Quick Start User Manual for details on Access Protection and Security Menu.
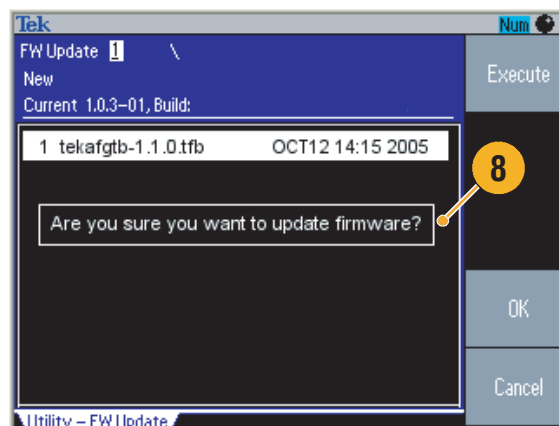
7. Select the downloaded firmware file, and then push **Execute**.

The firmware file format is as follows:

■ tekafgtb-1.x.x.tfb

8. The instrument asks you "***Are you sure you want to update firmware?***". Push **OK**.
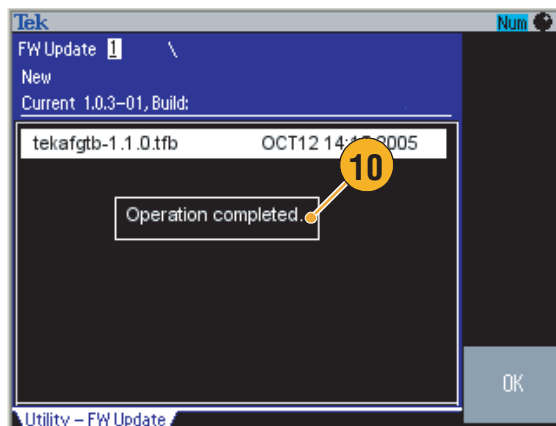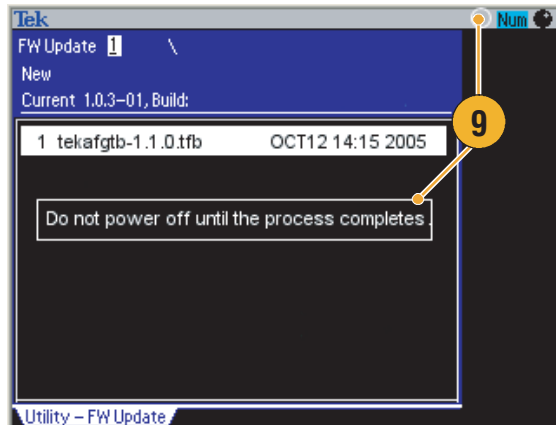
9. The instrument displays "***Do not power off until the process completes.***" The clock symbol at the top right of the screen indicates the update process is in progress.

CAUTION. A firmware update usually takes approximately two minutes. Do not remove the USB memory during the update process.
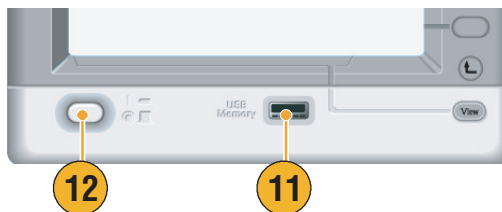
*CAUTOIN. **If you accidentally removed the USB memory during the update process, do not power off the instrument.** Repeat the installation process from step 3.*

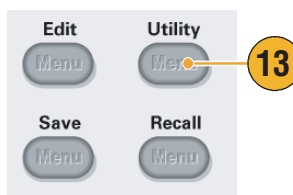**10.** Wait until the instrument displays "***Operation completed***". Push **OK**.

*CAUTION. **If "Operation completed" is not displayed, do not power off the instrument.** Repeat the installation process from step 2 using a different type of USB memory.*

11. Remove the USB memory from the front-panel USB connector.

12. Power off the instrument and then back on.

13. Push the front-panel **Utility** button to display the Utility menu. Version information is displayed on the screen. Confirm the firmware has been updated.

Contacting Tektronix

For technical support and service:

■ In North America, call 1-800-833-9200
■ Worldwide, visit www.tektronix.com to find contacts in your area.