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# Installation Procedure

## WT1800E Firmware Upgrade Procedure Using a USB memory

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DATE: Dec. 21, 2018

This installation procedure explains how to upgrade WT1800E (Model: WT1801E/WT1802E/WT1803E/WT1804E/ WT1805E/WT1806E) Precision Power Analyzer firmware. Please make sure to follow below procedures.

### 1. Preparation

1.1. Unzip the downloaded file. The zip file will contain the following:

- wt18e.ymc
- procedure\_wt1800een.pdf (this file)

1.2. Prepare formatted USB memory.

1.3. Copy the firmware file wt18e.ymc on to the root directory of the USB memory.

### 2. Installation

2.1. All settings other than date/time settings will be initialized during the upgrade, so you should write down or save any settings to a file if needed before the upgrade. Also, communication interface settings will not be recovered from the setting file. You should write down the data and set it manually after the upgrade.

2.2. Turn off WT1800E.

2.3. Insert the memory with the copied firmware into the WT1800E's USB memory port.

2.4. Turn on WT1800E while holding down the [F3] key (Soft function key, 4<sup>th</sup> key from the top).



2.5. Wait about 8 minutes while the program automatically writes the new firmware data to internal memory. Please do not turn off WT1800E during above procedure as it might corrupt the system.

2.6. After "SD Update Complete, you should reboot this machine" message is displayed. Reboot WT1800E.

### 3. Confirming Installation

3.1. Confirm that the initialize message appears after the WT1800 startup.

3.2. Press the UTILITY key, then push the System Overview function key and confirm that the version number under Firmware Version is correct.

3.3. Load the setting file saved in step 2.1 if necessary. Also, please manually set the communication interface settings.