

## SDS1000X-E Firmware Update Instructions

### ◆ Very important!

Version 5.1.3.13 optimizes self-calibration for the each channel. Perform a self-calibration once if the machine is updated from any version <5.1.3.13

1. Unzip the .RAR file and copy the .ADS file to a flash drive.
2. Insert the flash drive into the USB interface on the front panel of the oscilloscope.
3. Press the “Utility” button on the front panel to enter the UTILITY function menu.
4. Press the “Next Page” softkey to go to the third page of the UTILITY function menu.
5. Press the “Update” softkey to enter the UPDATE function menu.
6. Press the “Firmware” softkey and a window will open to show you the files on the flash drive.
7. Turn the “Universal Knob” to select the ADS file to perform the update.
8. When the ADS file to perform the update is highlighted press the “Press to Update” softkey.
9. A window will open showing the system updating. When finished it will display, “Firmware decompressed! Please restart scope and wait...”
10. Restart the scope.
11. Press the “Utility” button on the front panel to enter the UTILITY function menu.
12. Press the “Next Page” softkey to go to the first page of the UTILITY function menu.
13. Press the “Do Self Cal” softkey to perform the self-calibration.
14. Follow instructions to “Press ‘Single’ key to begin.”
15. Window will open showing self-calibration in process. When process finishes “Press ‘Run/Stop’ key to exit.”
16. To verify the software version press the “Utility” button and go to the first page of the UTILITY function menu.
17. Press the “System status” softkey and confirm the version number under “Software version” matches your update version.