Digital Storage Oscilloscope

For GDS-1000B /GDS-2000E /MDO-2000E /MSO-2000E Series

FIRMWARE UPGRADE GUIDE
Version 2.0

ISO-9001 CERTIFIED MANUFACTURER

GW INSTEK

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UPGRADE PROCEDURE

This section describes how to upgrade the firmware for GDS-1000B /GDS-2000E /MDO-2000E /MSO-2000E series..

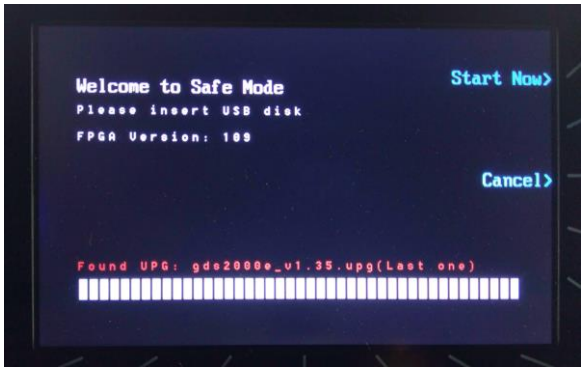
Note The upgrade file name for this method is **xxx.upg**.

Upgrade firmware by safe mode

1. Please notice that copy only one UPG file onto the USB flash disk.

2. Copy the firmware **xxx.upg** onto the USB flash disk (**save the firmware file on the root directory only**), and insert the USB flash disk into the front panel USB slot.

3. Power up the oscilloscope and at the same time, keep rotating the "VARIABLE" knob clockwise and count-clockwise in a number of times until the oscilloscope boots into the firmware upgrade safe mode, as shown in the snapshot below.



4. When the **xxx.upg** file on USB flash disk has been recognized by oscilloscope, the message "**Found UPG: xxx.upg (Last one)**" will appear on the lower corner.

5. Press the F1 key. The oscilloscope will automatically start upgrading the firmware.

When the status indicator of the display has completed, the upgrade procedure (using the safe mode) is complete.

6. Remove the USB flash disk and restart the oscilloscope manually. After the scope has restarted manually, check the firmware version by pressing "Utility"→ "System"→ "System Info". The system information screen should now show the new firmware version that was updated.

For more information, contact your local dealer or GWInstek at www.gwinstek.com / marketing@goodwill.com.tw.