# Firmware Upgrade Guide for Oscilloscope Series

1. This guide applies to the following models: MSO1000HD series, MSO3000HD series, MSO5000HD series, UPO1000HD series, UPO2000HD series, MSO3000X, and MSO2000X series.
2. The software version of the upgrade file must be greater than or equal to the current software version of the oscilloscope.

**Warning:** Do not power off the oscilloscope during the upgrade process.

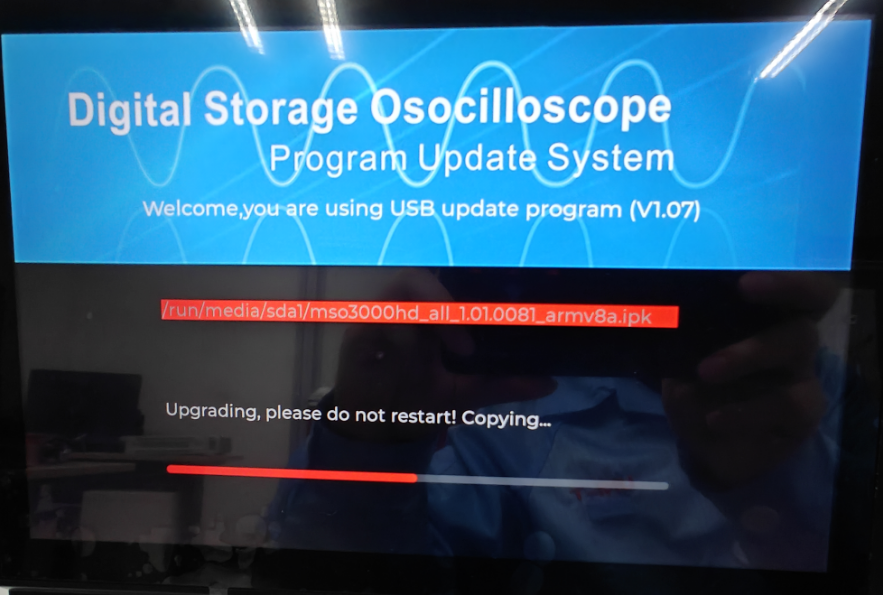
**Upgrade Steps**

1. Copy the corresponding upgrade file (e.g., mso3000hd\_all\_1.01.00XX\_armv8a.ipk) that matches the oscilloscope model to a **USB flash drive**.
2. Insert the USB flash drive into the **USB port** of the oscilloscope.

**Upgrade Methods**

**Method 1**

1. Restart the oscilloscope and enter the **upgrade interface**.
2. Use the **multi-function rotary knob** to select the upgrade file.
3. Press the multi-function knob to **start the upgrade process**, as shown in the following figure.



1. Once the upgrade is complete, **remove the USB flash drive** and restart the oscilloscope.



**Method 2**

1. Navigate to the upgrade option in the **Auxiliary** interface.
2. Select the **upgrade file** that matches the oscilloscope model.
3. Click the **Upgrade** button to start the process.

电脑游戏的截图

AI 生成的内容可能不正确。

1. Wait for the upgrade to be completed. If successful, the oscilloscope will **automatically restart**.
2. Once finished, **remove the USB flash drive**.

**Verification**

1. If the upgrade fails, check whether

* The **firmware file** corresponds to the correct oscilloscope model.
* The firmware version is compatible with the **current software version**.

1. After restarting, navigate to **Auxiliary → About this oscilloscope** to check the software version number to confirm whether the upgrade was successful.