# Sanitization of the Memory in the DS1000Z Series Oscilloscopes

To Sanitize Memory in the DS1000Z Series Oscilloscope you must Clear Nonvolatile and Volatile Memory

## 1. Clearing 'Nonvolatile Memory':

The DS1000Z stores the following files in its Nonvolatile Memory (i.e. FRAM):
Instrument configuration setups, waveforms (binary files), reference limits/waveforms, etc.

● Clear the Nonvolatile Memory by pressing STORAGE > DISK MANAGE > FLASH ERASE > OK

 If the oscilloscope's system language reverts to Chinese, change it back to your preferred language.

## 2. Clearing 'Volatile Memory':

Check the Power Set (Power Up mode) setting by pressing UTILITY > SYSTEM > POWER SET = Default.  If
not 'Default', but instead is set to 'Last', change it to 'Default' for this Sanitization Procedure (see Note: below).

● Clear the Volatile Memory by Power Cycling the instrumen (turning the Instrument OFF, and back ON).

Note:  If POWER SET was previously at 'Last' you can change it back to 'Last' again later, although it is recom-
mended in general to use the "Default" mode for POWER SET.  'Last' is particularly useful when you want to use
'exactly the same settings' for the next Power On cycle(s).

⚠  A potential issue with the use of 'Last' is that it is possible to retain settings without remembering or
appreciating it on the the next Power Cycle(s), that could possibly result in unexpected consequences.

🙂  Where as if 'Default' is used, you will have a fresh clean start without having to worry about unknown, or
undesirable side effects from previously selected settings.