

How to configure a DMM scan using EasyDMM


September 19, 2018

The SIGLENT SDM3055-SC and SDM3065-SC instruments are digital multimeters with switch cards that allow for up to 12 voltage-function measurements (and an additional separate 4 current measurement channels).

SIGLENTs EasyDMM software provides easy instrument control and data collection.

In this note, we will show how to configure EasyDMM to perform a scan

1. Download and install EasyDMM. You can find the download instructions and files here: [DMM Software](#)
2. Connect the SDM to the controlling computer or network. The SDMs have USB and LAN connections. In this note, we are using a USB connection
3. Open EasyDMM by clicking on the desktop icon or running the executable from the start menu.

The initial opening screen will show this basic layout:

4. Now, click on Add Instrument, select the USB device you wish to control (USBTMC as shown), and click OK:



It's ALIVE!!!!



5. Now, select Scan Mode. Note that the Scanner field appears:



6. Select Configure Channels. Select the channels you wish to control using the checkbox. Also select the function, range, etc...:



7. After configuring the channels, select Scan Data and set the start, interval, stop, and data control

values:



8. When you want to start the scan, click on the Start/Stop slider as shown:



After the scan is complete, you can save the data or view using the Scan Trend Chart:





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