

EasyDMM First Use

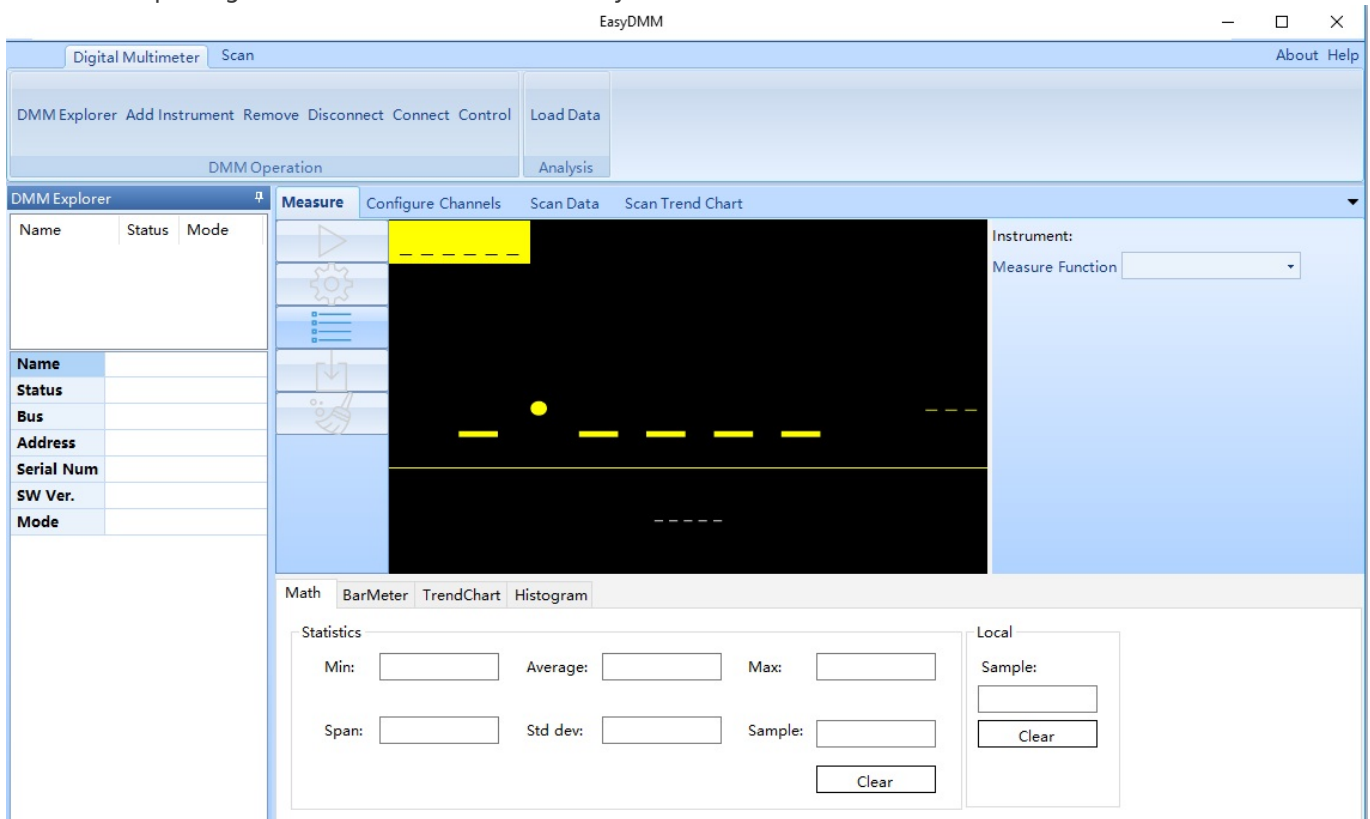
August 27, 2019

SIGLENTs EasyDMM software provides easy instrument control and data collection.

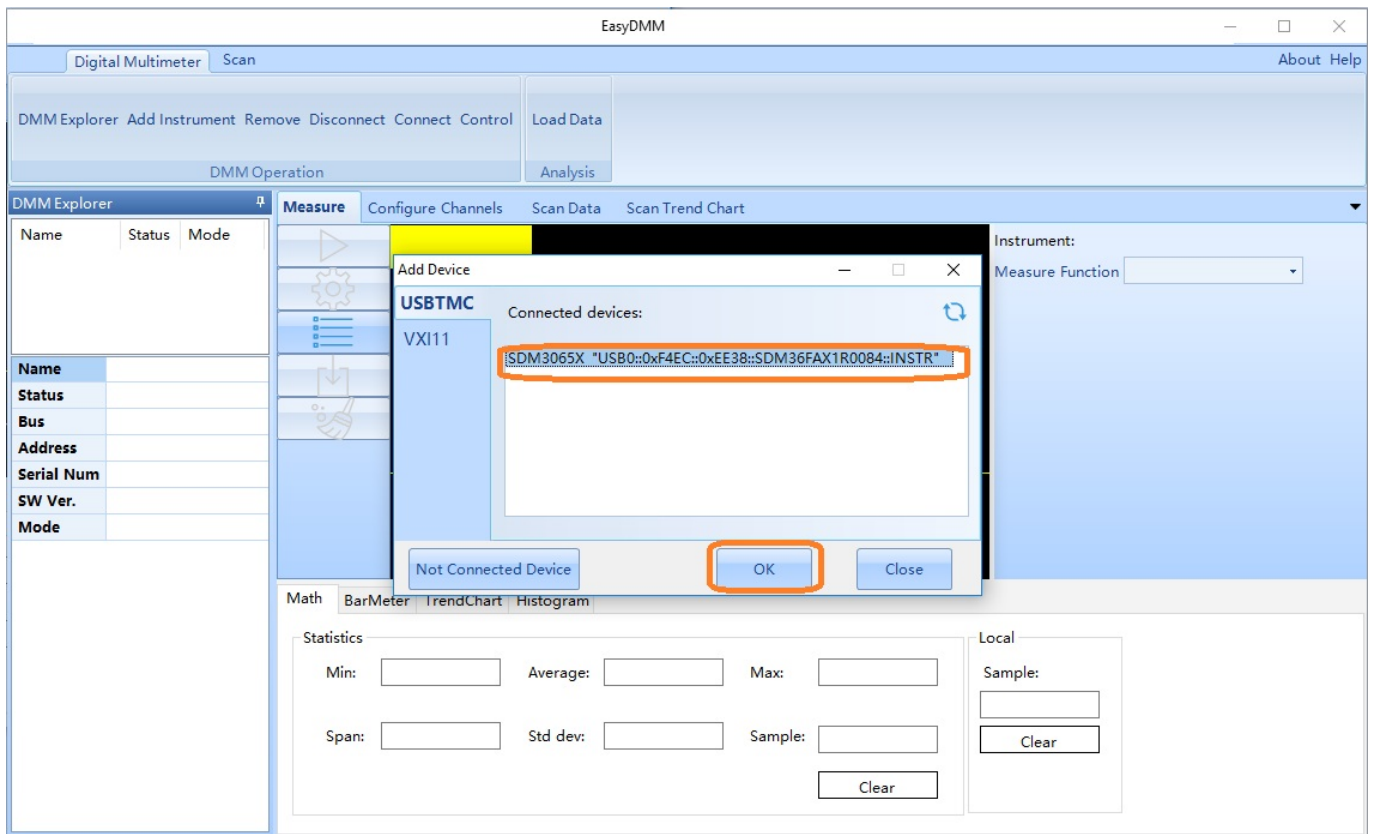
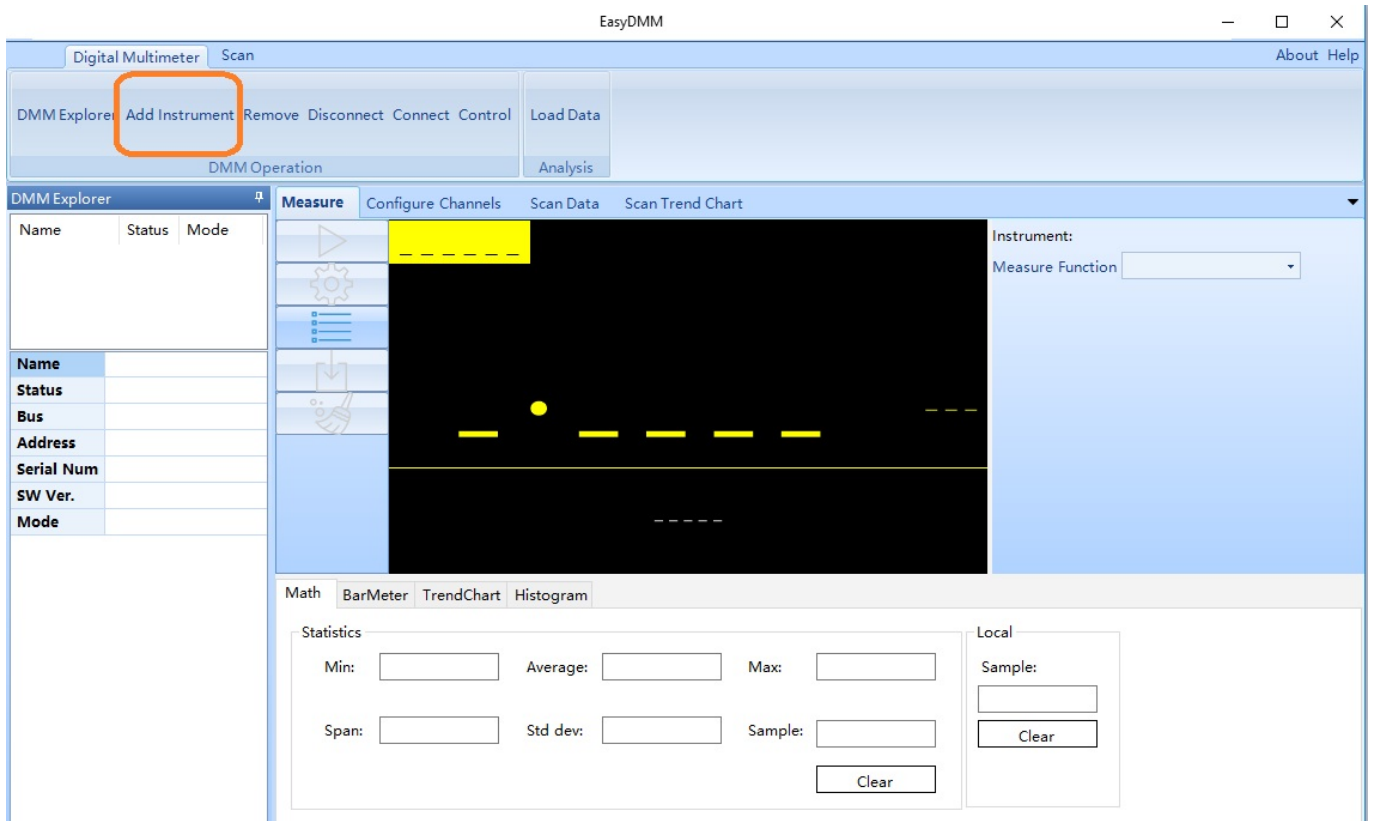
In this note, we will show how to configure EasyDMM for the first time.

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.

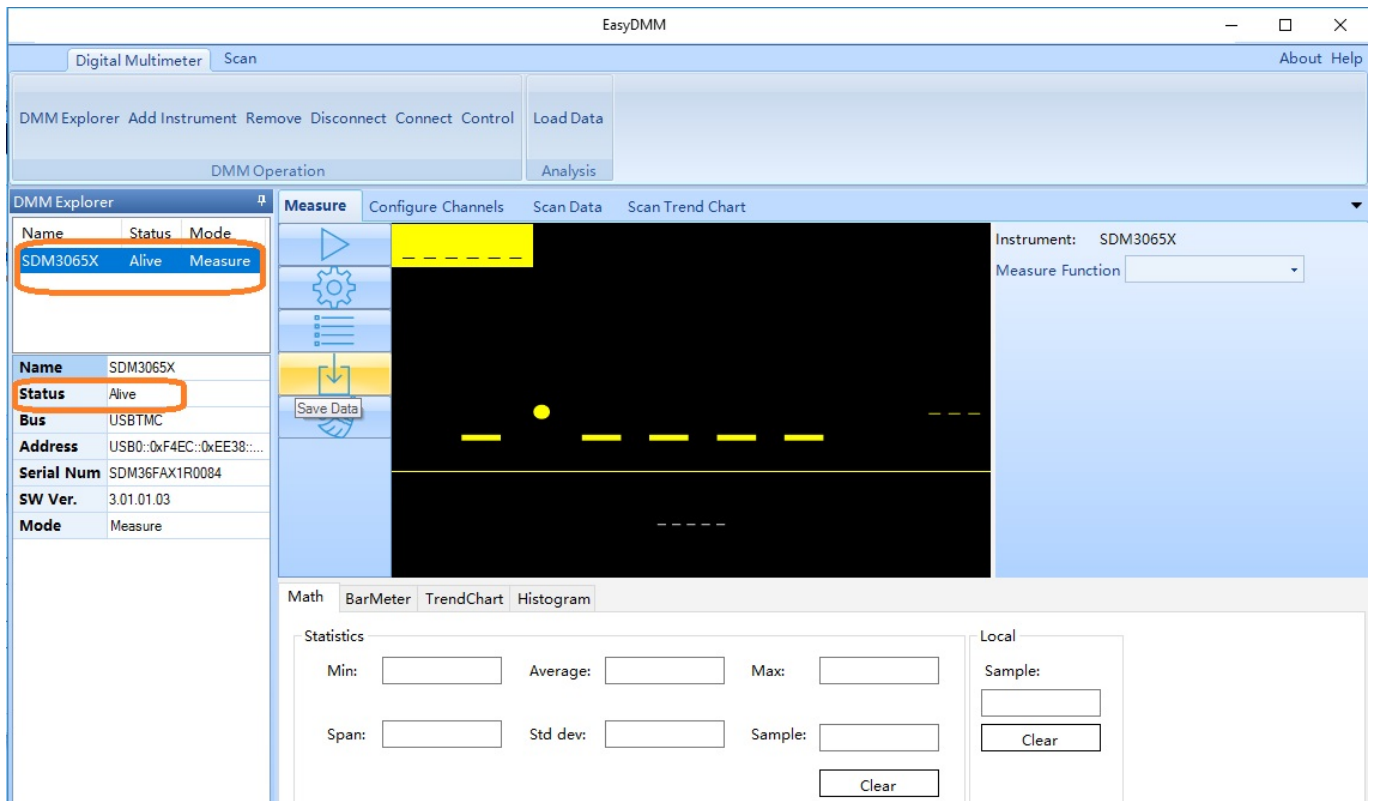
The initial opening screen will show this basic layout:



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

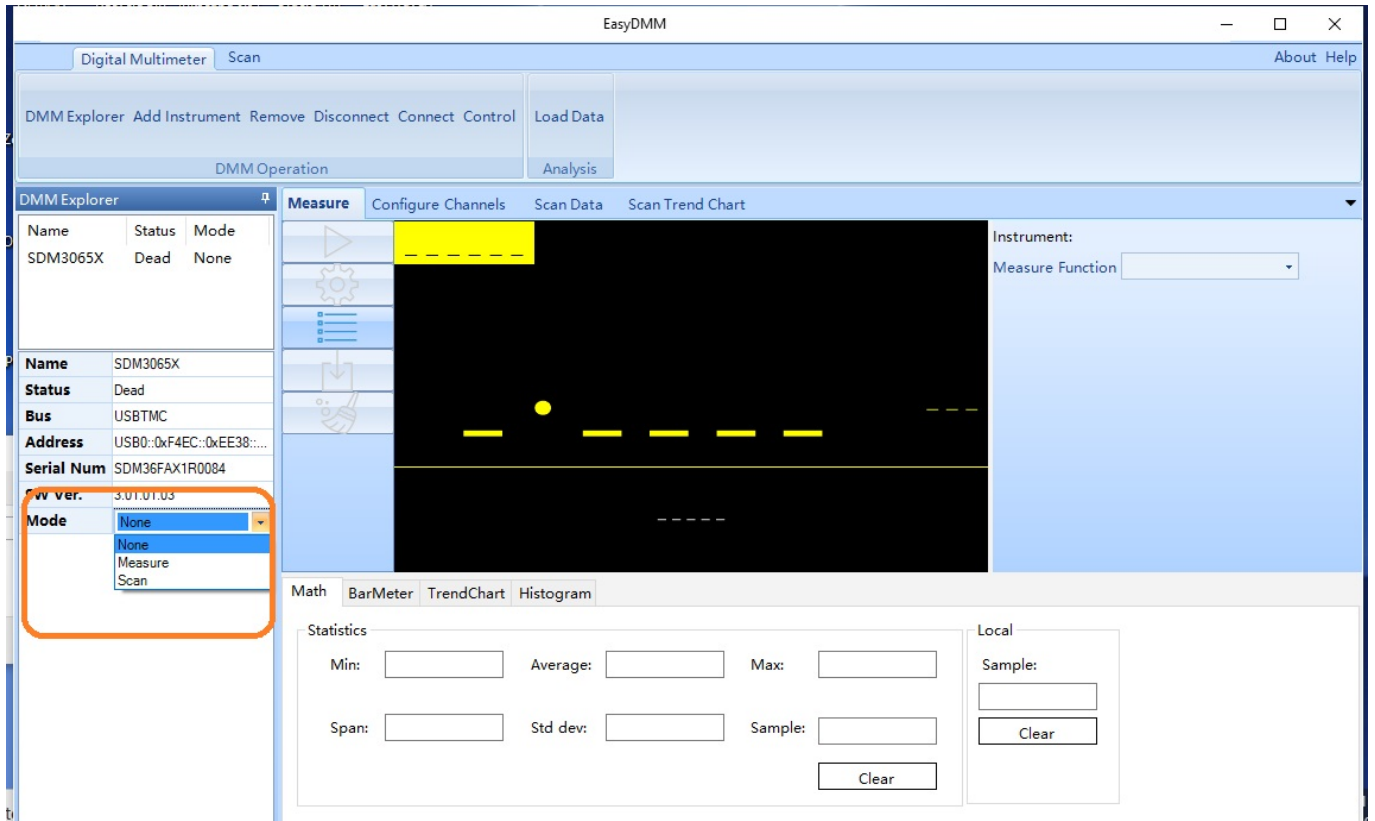


It's ALIVE!!!!

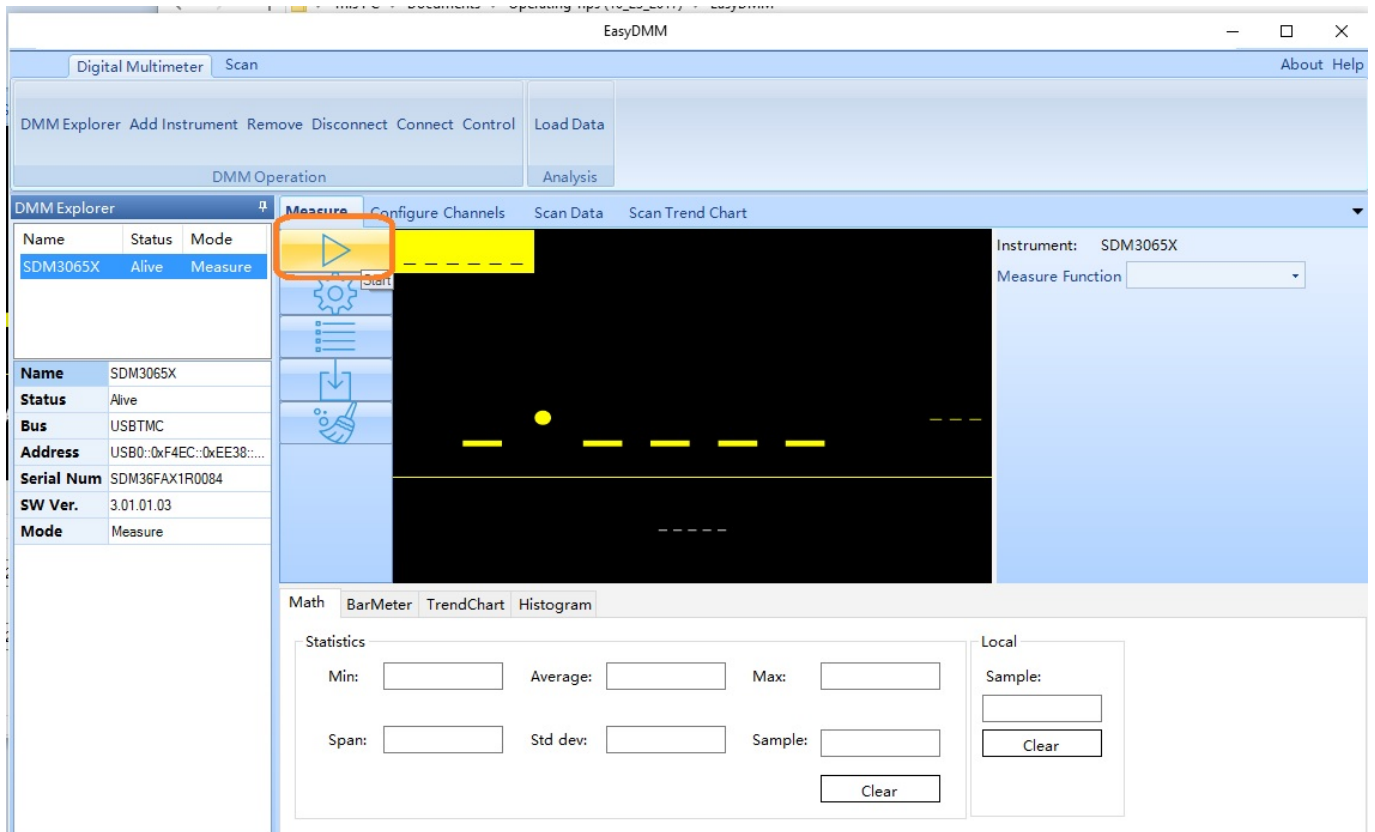


5. Set Mode to Measure:

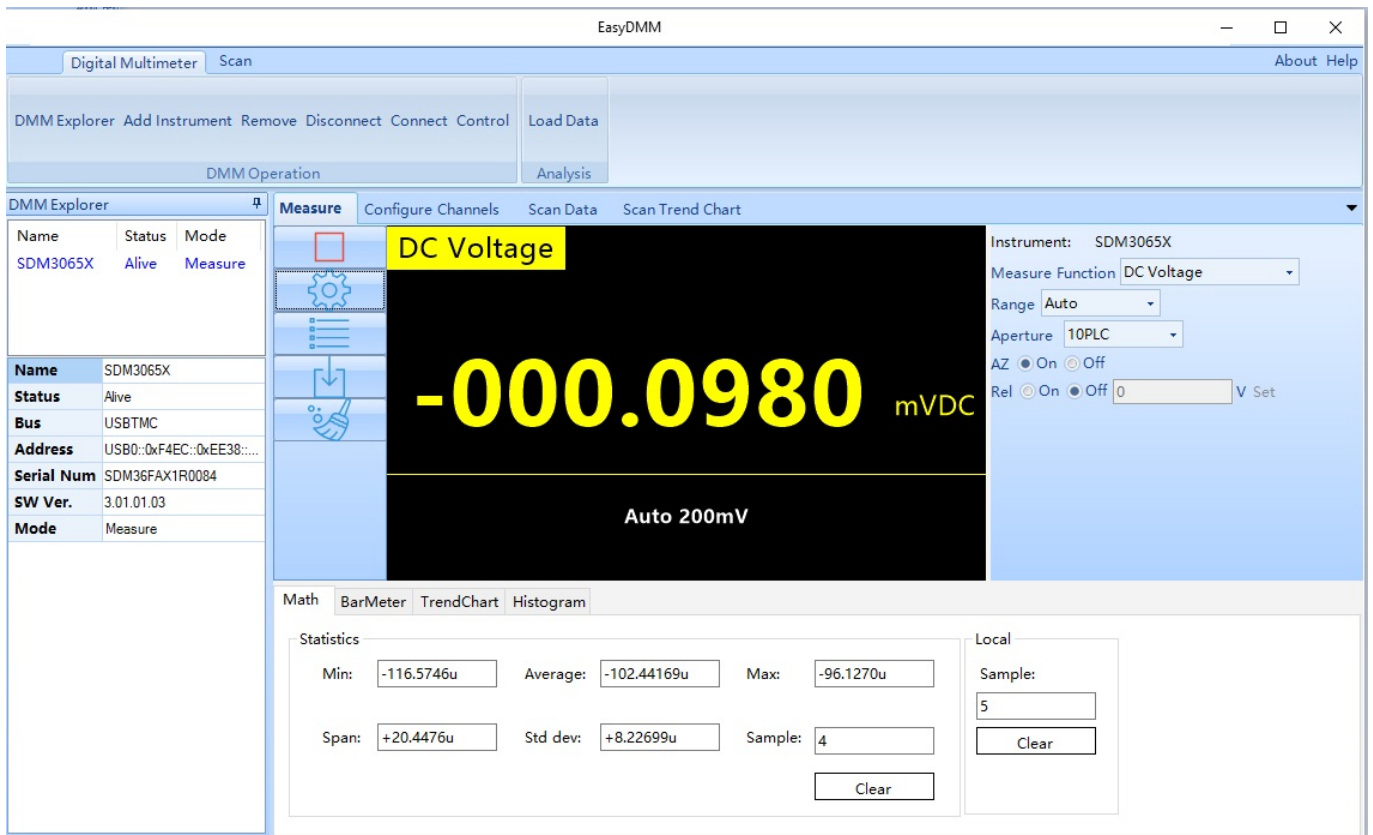
6.



To connect and receive measurements from the instrument, you can click on the “run” button:



This will update the data on the display:



From here, you can adjust the measurement type:

EasyDMM

Digital Multimeter Scan

DMM Explorer Add Instrument Remove Disconnect Connect Control Load Data

DMM Operation Analysis

DMM Explorer

Name	Status	Mode
SDM3065X	Alive	Measure

Name SDM3065X
Status Alive
Bus USBTMC
Address USB0::0xF4EC::0xEE38:....
Serial Num SDM36FAX1R0084
SW Ver. 3.01.01.03
Mode Measure

Measure DC Voltage

-000.1295 mVDC

Auto 200mV

Instrument: SDM3065X

Measure Function: DC Voltage

Range: Auto

Aperture: 10PLC

Auto: On Off

Rel: On Off

- DC Voltage
- DC Current
- AC Voltage
- AC Current
- 2 Wire Resistance
- 4 Wire Resistance
- Capacitance
- Frequency

Math BarMeter TrendChart Histogram

Statistics

Min: -152.3652u Average: -126.01151u Max: -101.6129u

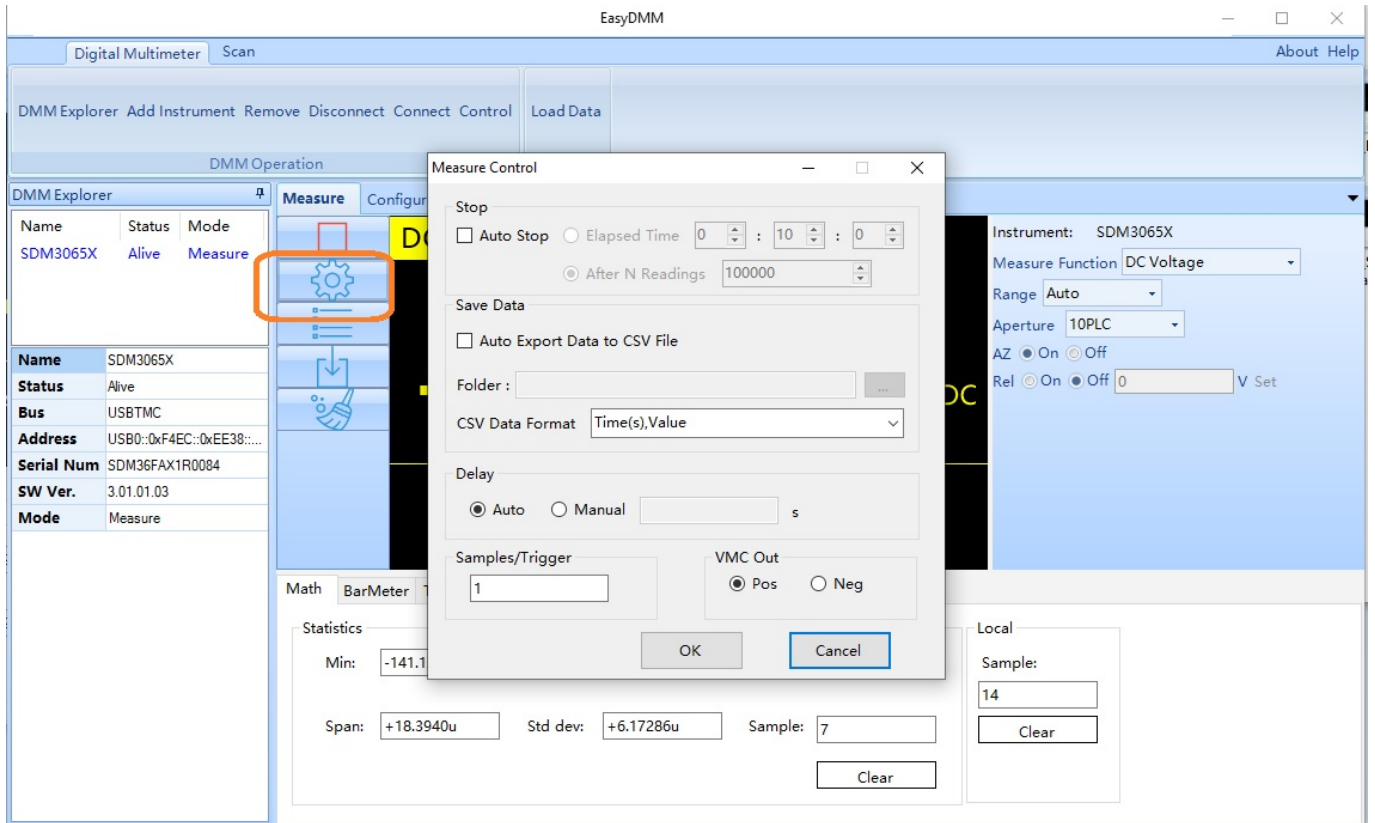
Span: +50.7523u Std dev: +9.44880u Sample: 292

Local

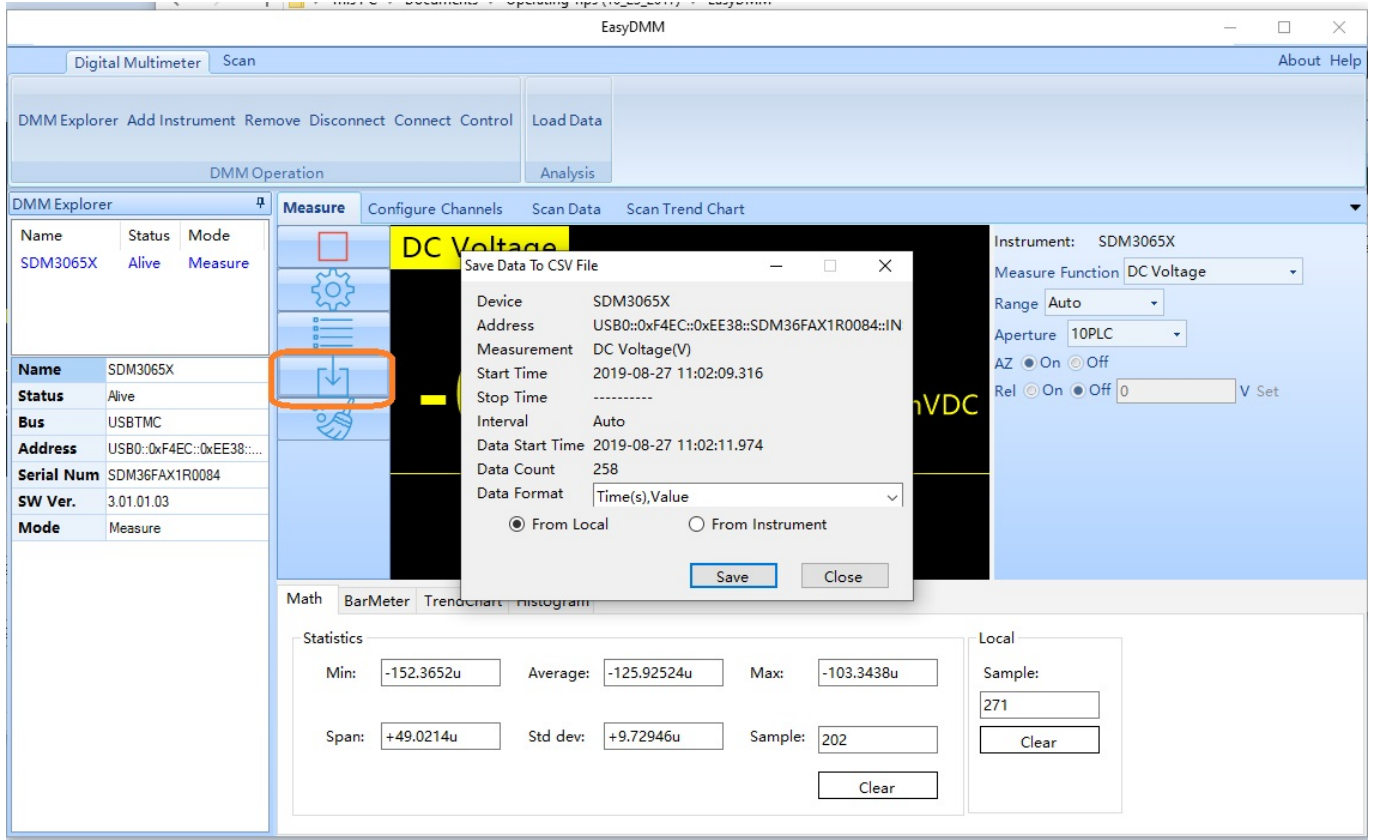
Sample: 14

Clear

View Data:



Save Data:



If you have an SDM3055 or SDM3065X with Scan Card (-SC part numbers), there is also a nice note on scanning here: [Configure EasyDMM Scanning](#)



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