

Sample VBA programs for the Keysight B2980A Series Femto/Picoammeters & Electrometers/High Resistance Meter

It is now easy to get started controlling the B2980A Series of Femto/Picoammeters & Electrometers/High Resistance Meters from your PC. A variety of free sample programs written in Microsoft's Visual Basic for Application (VBA) programming language can be downloaded for free from Keysight's website. These sample programs allow you begin making measurements right away, and since the source code is open, you can also easily customize the code as needed. These programs can significantly reduce development times as compared to developing software from scratch.

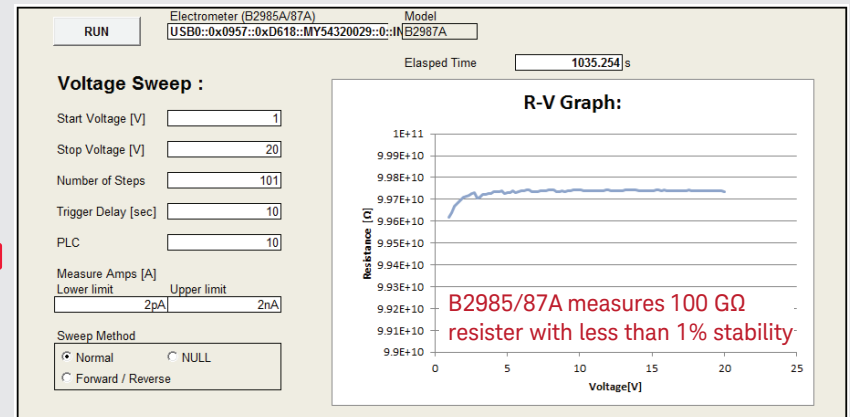
Please take advantage of these free useful programs. The sample programs can be found at the following URL: www.keysight.com/find/sensitivemeasurement

VBA sample programs to control the B2980A Series Femto/Picoammeters & Electrometers/High Resistance Meters



B2981A/83A/85A/87A

PC can be connected via GPIB, LAN or USB



Download the sample programs from www.keysight.com/find/sensitivemeasurement and copy them to your PC

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Sample VBA Program	Description	Eligible Products
Charge measurement	This sample program measures charge for specified sampling times and sampling number	B2985A/87A
High resistance measurement (#1)	This sample program makes high resistance measurements using various sweep modes. The voltage sweep range is from -20V to +20V. This sample program is intended to measure a floating (non-grounded) device.	B2985A/87A
High resistance measurement (#2)	This sample program makes high resistance measurement using various sweep modes. The voltage sweep range is from -1000V to +1000V. This sample program is intended to measure a floating (non-grounded) device.	B2985A/87A
High resistance measurement (#3)	This sample program makes high resistance measurement using various sweep modes. To use this sample program either the B2900A Series SMU or the B2960A Series Low Noise Power Source is necessary to supply an external voltage. In addition, the N1294A-031 GPIO-BNC Trigger Adapter is also needed.	B2981A/83A/85A/87A
Surface and volume resistivity measurement	This sample program can determine the volume and surface resistivity of insulating materials using the applied voltage, the measured current and the physical dimensions of the DUT. To use this sample program both the N1413A High Resistance Meter Fixture Adapter and the 16008B Resistivity Cell are required.	B2985A/87A

Keysight B2980A Series Femto/Picoammeters & Electrometers

The world's only graphical Picoammeter/Electrometer that can confidently measure down to 0.01 fA and up to 10 PΩ

- Best-in-class 2 pA range and 0.01 fA resolution provide unprecedented performance
- Integrated 1000 V source supports resistance measurements up to 10 PΩ
- Battery model eliminates AC power line noise
- Graphical time domain and histogram views facilitate quick debug and analysis

Refer to Keysight.com website for product details, technical overviews and other information.

Visit: B2980A product page: www.keysight.com/find/b2980a

Sensitive measurement knowledge portal: www.keysight.com/find/sensitivemeasurement

