

# Keysight SMU Parametric Measurement Manager Pro



Quick Start  
Guide



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# SMU Parametric Measurement Manager Pro Quick Start Guide

The Parametric Measurement Manager (PMM) Pro supports the U2722A/U2723A USB modular source measure unit (SMU). This quick start guide aims to provide a quick approach to install this application software.

For detailed information on using the software, please refer to the *SMU PMM Pro help file* accessible from the Product Reference CD-ROM autorun menu (Documentation folder) or the PMM Pro software menu bar.

## System Requirements

The minimum system requirements for PMM Pro are as follows:

<b>Operating System</b>	Microsoft® Windows® XP SP3 or higher	<ul style="list-style-type: none"><li>• Microsoft Windows 7 (Professional, Ultimate, Enterprise)</li><li>• Microsoft Windows Vista® SP1 (Business, Ultimate, Enterprise) or higher</li></ul>
<b>Architecture</b>	x86 (32-bit), 64-bit for Windows 7 supportability <sup>1</sup>	
<b>Prerequisite</b>	<ul style="list-style-type: none"><li>• Keysight IO Libraries Suite 16.1 or higher<sup>2</sup></li><li>• Keysight VEE Pro 9.2 or higher (Runtime version)<sup>3</sup></li><li>• Microsoft.NET Framework version 3.5<sup>3</sup></li></ul>	
<b>Processor</b>	<ul style="list-style-type: none"><li>• 450 MHz Pentium® II or higher required</li><li>• 800 MHz recommended</li></ul>	1 GHz required, 2 GHz recommended
<b>Available Memory</b>	<ul style="list-style-type: none"><li>• 128 MB minimum</li><li>• 256 MB or higher recommended</li></ul>	1 GB minimum, 2 GB recommended
<b>Available Disk Space</b>	1 GB hard disk free space	
<b>Video</b>	Super VGA (800x600) display or higher resolution monitor with 256 colors or more	Support for DirectX 9 graphics with 128MB graphics memory recommended (Super VGA graphics is supported)
<b>Browser</b>	Microsoft Internet Explorer 6.0 or higher	Microsoft Internet Explorer 7 or higher

1 32-bit application running on WOW64 (Windows-on-Windows) emulator.

2 Available on the Keysight Automation-Ready CD-ROM.

3 Bundled with the Keysight SMU PMM Pro software installer.

## Software Installation

- 1 Close all other applications on your PC and insert the Product Reference CD-ROM into your CD-ROM drive.
- 2 Click **SMU Parametric Measurement Manager Pro** on the installation menu to start the installation. If the installation menu is not displayed, go to **Start > Run** (on the Windows start menu) and type <drive>:\Application\SMU Parametric Measurement Manager Pro\setup.exe, where <drive> is your CD-ROM drive.
- 3 Follow the on-screen instructions.

### NOTE

- Please refer to the *SMU PMM Pro help file* for step-by-step installation procedure.
- For detailed SMU installation procedure, please refer to the *U2722A/U2723A USB Modular Source Measure Units User's Guide*.

## Connecting Your SMU to the PC

- 1 Connect the power cord to the AC power adapter.
- 2 Connect the DC output plug of the AC power adapter to the power jack on the rear panel of the USB modular instrument.
- 3 Connect the SMU that you want to use to any USB ports on your PC using a USB cable.
- 4 The hardware wizard will prompt you to install a driver. During the installation, a warning message is displayed as shown below.



- 5 Click **Continue Anyway** to proceed with the driver installation.
- 6 Click **Finish** to complete the hardware installation. The SMU is now ready to be used.

# Launching Your Software



- 1** Double-click the Parametric Measurement Manager Pro icon on your desktop or go to **Start > All Programs > Keysight Technologies > Parametric Measurement Manager Pro** to launch the application software.
- 2** To run this software, you are required to register the **Serial Number** for the SMU that you are using.
- 3** Click **File > New Project** to create a new project file or click **File > Open Project** to open an existing project file. The software will automatically detect any registered SMU that is connected to the PC.

## References

- Keysight Parametric Measurement Manager Pro help file  
(<http://literature.cdn.keysight.com/litweb/pdf/U2942-90004.zip>)
- Keysight U2722A/U2723A USB Modular Source Measure Units User's Guide  
(<http://literature.cdn.keysight.com/litweb/pdf/U2722-90011.pdf>)

## Contact Us

To obtain service, warranty, or technical assistance, contact us at the following phone or fax numbers. The complete contact list is available at <http://www.keysight.com/find/contactus>.

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Third Edition, April 17, 2015



U2942-90003  
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