

# 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 15.0 or higher<sup>2</sup></li><li>• Keysight VEE Pro 9.0 or higher (Runtime version)<sup>3</sup></li><li>• Microsoft.NET Framework version 1.1 and 2.0<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.

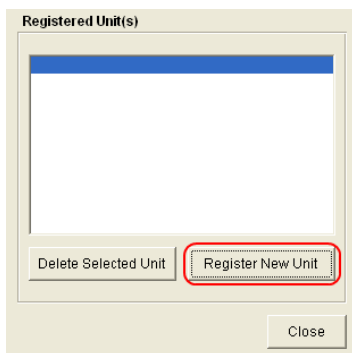
### NOTE

- 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*.

## How to Obtain Passkey

When you purchase the SMU PMM Pro software, you are required to activate the device license through the Software Licensing application, [www.keysight.com/find/softwarelicense](http://www.keysight.com/find/softwarelicense). Follow the on-screen instructions to redeem a valid license key for your device. You can use up to three SMU units with this software. Keysight Technologies will then provide you with the respective passkey for each of your SMU unit.

- 1 Click **Instrument > Manage Instruments**. Select **Register New Unit** and type the unit serial number and passkey.



- 2 You are allowed to input up to three SMUs for each copy of the software.
- 3 You can also choose to remove the SMU from this software by selecting **Delete Selected Unit**.

## 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** and a **Passkey** for the SMU that you are using. Refer to **"How to Obtain Passkey"** for procedure to receive the passkey.
- 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>.

United States	(tel) 800 829 4444 (fax) 800 829 4433	Japan	(tel) 0120 (421) 345 (fax) 0120 421 678
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Latin America	(tel) 305 269 7500	Taiwan	(tel) 0800 047 866 (fax) 0800 286 331
Europe	(tel) 31 20 547 2111	China	(tel) 800 810 0189 (fax) 800 820 2816
		Other Asia Pacific Countries	(tel) (65) 6375 8100 (fax) (65) 6755 0042

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