

CD ROM

Tektronix

**TDS5000 Series
Product Software**

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TDS5000 Series Product Software

This compact disc contains the oscilloscope platform software used by the VM5000HD Automated Video Measurement Set.

The most important product software is factory installed on the hard disk drive in the instrument. For this software, this compact disc serves as a backup in the event that you have to rebuild the hard drive. However, this compact disc also contains accessory software and files that you can choose to install in the instrument or in another computer. Table 1 contains a listing and description of the software on this compact disc.

Table 1: Product Software CD-ROM Contents

Directory	Description	Factory installed?
TekScope	Oscilloscope firmware and support software. See page 3 for installation instructions.	Yes
Documents	This directory contains printable PDF files for documents that you may be interested in, such as the <i>Performance Verification Procedure</i> and the <i>TDS5000 Series Oscilloscope Online Programmer Guide</i> .	No
GPIB Programmer	<i>TDS5000 Series Oscilloscope Online Programmer Guide</i> software. See page 5 for installation instructions. The install program also copies a printable version of the guide to your hard disk.	No
TekVISA	TekVISA is a library of industry-standard compliant software components, organized according to the standard VISA model established by the VXIplug&play Systems Alliance.	Yes

Some of the procedures that follow may require a keyboard attached to the oscilloscope. You can use either a PS-2 or a USB keyboard. Though not required, it is also convenient to attach a mouse.

Installing the Instrument Firmware and Support Software

This software is factory installed on the oscilloscope hard disk. It contains the oscilloscope firmware, the online help, and all the other files needed to operate the oscilloscope. If you need to reinstall this software, do these steps:

1. If the keyboard is not installed, connect it to the left side panel of the instrument (the optional-accessory keyboard plugs into the USB connector on the left side panel).
2. Power on the instrument to start Windows.
3. When the oscilloscope application starts, quit the instrument application by selecting Exit from the File menu.
4. Install the *TDS5000 Series Product Software* compact disc in the CD-ROM reader on the right side of the instrument. The install process will automatically begin.

NOTE. *If you are rebuilding the complete contents of the hard disk, you must restore the Windows operating system before you install the product software. See the TDS5000 Operating System Restore CD-ROM for instructions to do this.*

If you are only reinstalling the product firmware and support software, proceed with step 5.

5. Follow the instructions given by the install program. The instrument must reboot to complete the installation process.
6. If the install process does not automatically start, do the following steps:
 - In the My Computer window, double-touch or double-click the **D:** (CD-ROM) drive to select it.
 - Double-click (or double-touch) the directory **TekScope** to select it.
 - Double-click (or double-touch) the file **setup.exe** to start the install program.
 - Follow the instructions given by the install program. The instrument must reboot to complete the installation process.

Installing Optional Application Software

If you are using optional application software and need to reinstall it, see the *Optional Applications Software for Windows-Based Oscilloscopes CD-ROM* for instructions to do this.

Installing the GPIB Programmer Online Guide

This software is not factory installed on the oscilloscope hard disk. You can install the *TDS5000 Series Oscilloscope Programmer Online Guide* on the oscilloscope, but it may be more convenient to install it on the PC that is functioning as the GPIB system controller. From the system controller, you can copy and paste commands from the help directly into your test programs.

The programmer information contains the following content:

- GPIB configuration information for the oscilloscope
- Lists of the command groups and the commands they contain
- Detailed command descriptions including syntax and examples
- Status and error messages
- Programming examples

The install program also copies a printable version of the programmer information, in the form of a PDF file, onto the hard drive of your PC. The install program places a shortcut to this file on your desktop called “GPIB Guide (PDF).”

To install the GPIB Programmer Online Guide, do these steps:

1. Install the *TDS5000 Series Product Software* compact disc in the PC that you are using as a system controller (preferred).
2. Exit the InstallShield Wizard for TekScope if it automatically starts.
3. Use the My Computer or other means to navigate to the contents of the compact disc.
4. Locate and double-click (or double-touch) the directory **GPIB Programmer**.
5. Locate and double click (or double-touch) the file **setup.exe** to start the installer.
6. Follow the instructions given by the install program.
7. After the installation is complete, double click (or double touch) the desktop shortcut called **GPIB Online Guide** to view the programmer information.
8. If you prefer a printed version to the online version of the programmer information, double-click (or double-touch) the desktop shortcut called **GPIB Guide (PDF)**, and print the file.

NOTE. *For your convenience, the GPIB Guide (PDF) file is also contained in the Documents directory on this CD-ROM.*