

**DVD**



**DSA8200 Digital Serial Analyzer  
Microsoft Windows XP  
Operating System Restore**

**071-2052-00**

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## **DSA8200 Operating System Restore**

This DVD contains the Microsoft Windows operating system, applications, and necessary drivers for the DSA8200 instruments.

The Windows operating system and drivers are factory installed on the hard drive. This DVD serves as a backup if you have to rebuild the hard drive.

### **Repair the Operating System**

When the instrument has problems, you should try the Repair button option on the recovery media before doing a complete operating system restore.

Use the repair function when messages like the following are displayed when Windows boots:

- Boot Record Not Found
- Invalid operating system
- The system hangs while booting windows

Always try the Repair button before performing a full operating system restore.

### **Restore the Operating System**

The procedure to restore the instrument system software requires a keyboard attached to the instrument. You can use either a PS-2 or a USB keyboard.



**CAUTION.** *To avoid data loss, back up any important user files stored on the hard drive. This operating system restoration process reformats the hard drive, which erases all user-installed files and applications. If Windows does not boot, you may be able to start the computer from the Last Known Good configuration or boot to the Recovery Console on this disk.*

*To avoid malfunction, do not install any version of Windows that is not specifically provided by Tektronix for use with your instrument. The version of Windows on this DVD is specially configured for the instrument. Other available versions of Windows will not operate properly. Do not modify hardware device drivers, apply patches to operating system components, or modify the system BIOS.*

To restore the instrument operating system software, do the following steps:

1. If the keyboard is not installed, connect it to the instrument. (The optional-accessory keyboard plugs into the USB connector.)
2. Insert the Operating System Restore media in the DVD drive of the instrument, and close the drive door.
3. Power on the instrument. If the instrument does not reboot from the DVD, reboot again.

4. Repeatedly press the **F10** function key during the boot process until a BIOS boot menu is displayed.
5. Select the DVD as the boot device, and press enter. The instrument should now boot from the DVD.
6. The install program will start. Press the number **1** key on the instrument keyboard. Follow the on-screen instructions to rebuild the operating system software.
7. When the operating system restoration is complete, the instrument displays a prompt to press any key to continue.
8. Remove the Operating System Restore DVD from the drive.
9. Press any key to continue.
10. Press the number **4** key on the instrument keyboard. Follow the on-screen instructions.
11. Click **OK to Reboot**.
12. After Windows reboots, allow the instrument to sit idle for three minutes. Windows may replace some drivers and request a second reboot. If this occurs, accept the second reboot and wait for Windows to complete the reboot.

13. As the software starts after the Windows reboot, you will need to do the following steps in response to prompts:
  - Click Next
  - Click Accept/Next
  - Press the Enter key
  - Click Continue Anyway
14. Return your Operating System Restore DVD to safe storage.
15. Now you need to install the instrument software and any application software that you want to use. For instructions, refer to the booklet that came with the instrument Product Software CD.

## **Get the Latest Information**

For information on the latest software and critical updates, check the Tektronix Web site ([www.tektronix.com/software](http://www.tektronix.com/software)) and search for virus, patch, or critical updates.