CD ROM

Tektronix

**CSA7000, TDS7000,
and TDS6000 Series
Operating System Restore**

071-1088-02

CSA/TDS7000 and TDS6000 Operating System Restore

This compact disc (CD) contains the Windows operating system and necessary drivers for the CSA7000, TDS7000, and TDS6000 Series Instruments.

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

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 disk. This operating system restoration process reformats the hard disk, which erases any user-installed files and applications. If Windows currently does not boot, you may be able to boot from an emergency startup floppy disk, and then use MS-DOS commands to copy the important files.*

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 disc is specially configured for the instrument. Other available versions of Windows will not operate properly.

To restore the instrument system software, do these steps:

1. If the keyboard is not installed, connect it to the instrument rear panel (the optional-accessory keyboard plugs into the USB connector on the rear panel).

2. Turn on the instrument: make sure the power switch at the rear of the instrument is on, and then push the **On/Standby** button on the front panel.

3. Insert the *CSA/TDS7000 and TDS6000 Series Operating System Restore* compact disc in the CD-ROM drive at the rear panel of the instrument and close the CD door.

4. While holding down the **CTRL** and **ALT** keys, press the **DELETE** key to reboot the instrument. Immediately begin to press the **F2** key on the keyboard repeatedly until the message "Loading SETUP" appears.

5. In the BIOS Setup Utility use the right-arrow key on the keyboard to highlight the **Boot** menu at the top of the screen.

6. Use the arrow down key to highlight **First Boot Device** in the Boot screen, and then press **Enter**.

7. In the submenu that pops up, use the arrow up or down key to select **ATAPI CDROM**. Press **Enter**.

8. Press the **F10** key to save and exit. Confirm the Save of Configuration changes when you are prompted on screen.

9. The install program will start; follow the on-screen instructions to rebuild the operating system software. Accept the EZ-Restore license agreement.

10. When the operating system restoration is complete (requires about 15 minutes), the instrument displays a prompt stating that the computer needs to reboot to complete the process. At this point do the following substeps:

    a. Remove the *CSA/TDS7000, and TDS6000 Series Operating System Restore* compact disc from the CD-ROM drive.

    b. Click **OK to Reboot**, and then press the **F2** key on the keyboard repeatedly until the message "Loading SETUP" appears.

    c. In the BIOS Setup Utility use the right-arrow key on the keyboard to highlight the **Boot** menu at the top of the screen.

    d. Use the arrow down key to highlight **First Boot Device** in the Boot screen, and then press **Enter**.

    e. In the submenu that pops up, use the arrow up or down key to select **Floppy**. Press **Enter**.

    f. Press the **F10** key to save and exit. Confirm the Save of Configuration changes when you are prompted on screen. The instrument will boot to its operating system.

11. Return your *CSA/TDS7000, TDS6000 Series Operating System Restore* compact disc to safe storage.

12. Now you need to install the instrument software and any application software that you want to use. For instructions, refer to the booklet for the *TDS7000 or TDS6000 Series Product Software* compact disc.

Upgrade the BIOS

Your instrument was shipped from the factory with the latest BIOS installed. If you are upgraging your instrument to a newer operating system, perform these steps to upgrade your BIOS:

1. Restart your instrument. From the desktop, click **Start ▶ Shutdown ▶ Restart**.

2. During the boot process, press and hold down the **F8** key.

3. A menu is displayed. Choose **option 6: Safe Mode command prompt only**.

4. At the *c:\windows* prompt type: **cd..**.

5. At the *c:* prompt type: **cd tektro~1\bios**.

6. At the *c:\Tektronix\bios* directory type: **autoexec.bat**.

7. You are prompted with *Do you wish to continue?* Type **y**.

8. You are prompted with *Do you wish to update your bios now?* Type **y**.

⚠ **CAUTION.** *The following step starts the BIOS upgrade process. Do not interrupt this process.*

9. You are prompted with *Do you wish to continue?* Type **y**.

10. At the *Press any key to restart the system* prompt, press the **Enter** key on your keyboard.

11. Cycle the instrument power after the BIOS update.

12. Boot to Windows.

13. From the desktop, click **Start ▶ Programs ▶ MSDOS Prompt**.

14. At the c:\windows prompt type: **cd..**.

15. At c:\ type: **cd tektro~1\cmos**.

16. To allow faster booting with no network access, type **resnonet**.

17. To enable network access for printing, file sharing, internet access, and other communications functions, type **resnet**.

18. Reboot your instrument.