Agilent 35670A
Firmware Installation Note

Description

Use this procedure to install the latest firmware upgrade in your Agilent 35670A analyzer.

To check which revision firmware you have, press the following keys:

[System Utility]

[MORE] F9

[S/N VERSION] F7

The analyzer will display both the *instrument serial number* and the *firmware revision number*. Call Agilent Support if you have questions about the latest revision code for your unit, or whether you should upgrade your instrument firmware.

Selecting the Correct Firmware

There are two sets of firmware disks (each set consisting of three disks) supplied with the Firmware Upgrade Kit. ***Make sure that you use the correct set of disks for your unit's serial number:***

- Use the **Late Serial Number 35670A Firmware Upgrade** disks if your unit's serial number is MY42506200, SG42506200, or higher (manufactured after December 2002). (These units have a *light-yellow* display screen.)

- Use the **35670A Firmware Upgrade** disks if your unit's serial number is MY41006171 or lower (manufactured December 2002 or earlier). This includes any "US" prefixed serial number. (These units have an *amber* display screen.)

Once you have determined the correct set of firmware disks to use, you may proceed with the installation steps that follow.

Installation

To upgrade your instrument firmware, locate the correct instrument firmware upgrade disks as described previously. (The installation will not proceed if you use the wrong disks.) Then follow these steps:

Note: The non-volatile RAM Disk in the Agilent 35670A may be reformatted during the upgrade procedure. Save any important files to a 3.5-inch disk before installing the new firmware.

Caution: Do not attempt firmware upgrades unless you have all three disks. Partial upgrades will make the instrument unusable until all upgrade disks are available.

1. With the Agilent 35670A power turned off, insert firmware upgrade disk #1 into the internal disk drive in the Agilent 35670A, and turn on power.

2. When loading is complete, turn off power on the Agilent 35670A, remove firmware upgrade disk #1, insert firmware upgrade disk #2 into the internal disk drive of the Agilent 35670A, and turn power on.

3. When loading is complete, turn off power on the Agilent 35670A, remove firmware upgrade disk #2, insert firmware upgrade disk #3 into the internal disk drive of the Agilent 35670A, and turn power on

4. Ignore the ROM Check-sum errors as disk #3 is loading as the unit is not yet fully re-programmed, and the check-sum self-test is meaningless at this time.

5. When loading is complete, remove firmware upgrade disk #3 and cycle power on the analyzer.

Your instrument firmware is now upgraded.