

**Agilent 4291B Revision 1.02 Firmware
Installation Kit (04291-65016)**

Installation Manual



Agilent Technologies

**Agilent Part No. 04291-90206
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Typeface Conventions

HARDKEYS

Labeled keys on the instrument front panel are enclosed in □.

SOFTKEYS

Softkeys located to the right of the LCD are enclosed in ▤.

Safety Symbols

General definitions of safety symbols used on equipment or in manuals.

Note



Note denotes important information. It calls attention to a procedure, practice, condition or the like, which is essential to highlight.

General Information

Introduction

This chapter describes the Kit and lists the contents of the Kit.

The Firmware Installation Kit

The purpose of this kit is to install the firmware to 4291B. The kit is used for firmware upgrades, and for firmware installation after repairing the A1 CPU board.

Contents of the Firmware Installation Kit

See Table 1-1 for the kit contents. If anything is missing, contact the nearest Agilent Technologies office.

Table 1-1. Contents of the Kit

Part Number	Description	Qty.
04291-18306	Flexible Disk (Rev 1.02)	1
5080-3949	Label "Firmware Rev 1.02"	1
04291-90206	Installation Manual (This manual)	1

Installation

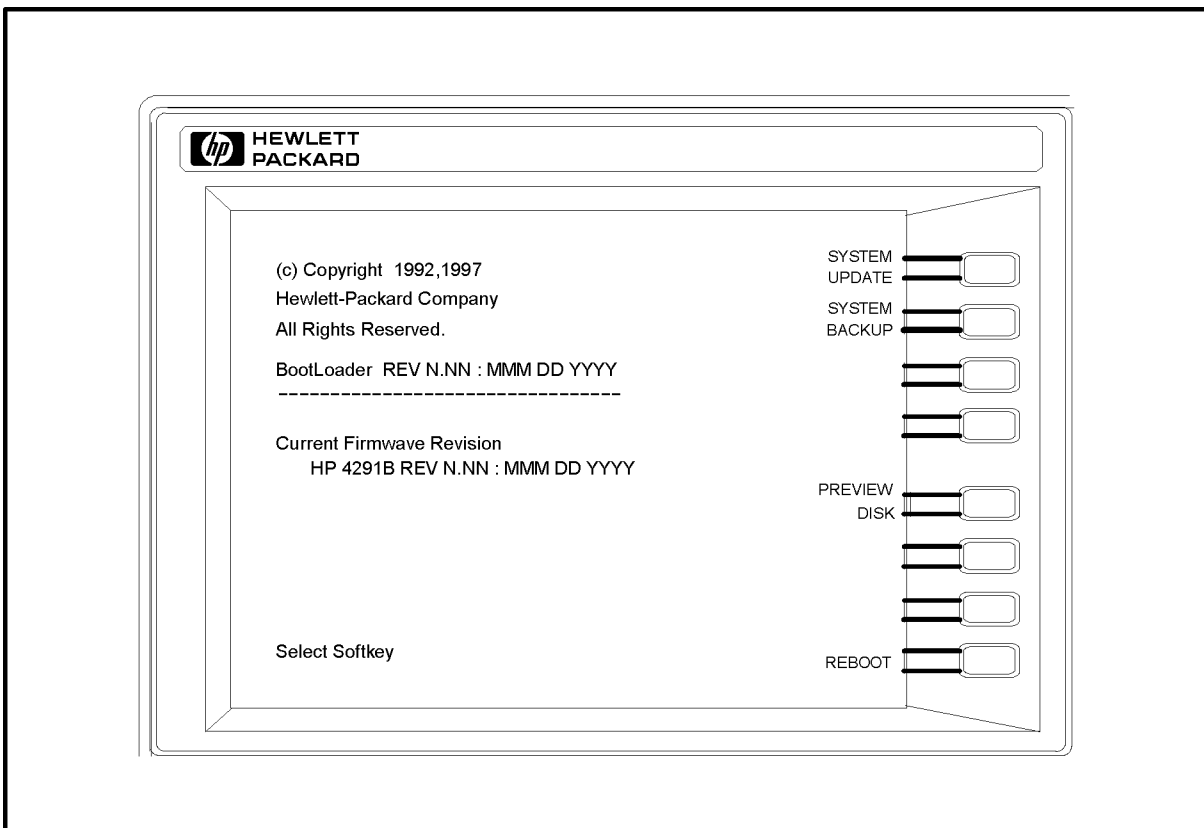
Introduction

This chapter describes the firmware installation procedure.

Firmware Installation Procedure

Perform the following steps to install the firmware into the 4291B.

1. While pressing **Presets** key, turn on the 4291B. The bootloader screen as shown in Figure 2-1 will be displayed.

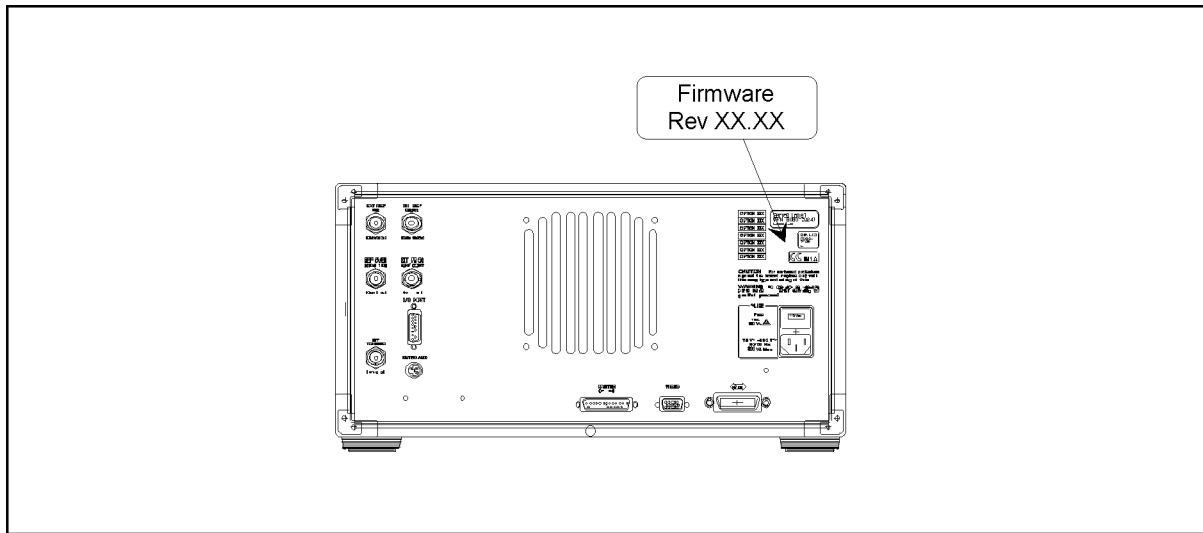


CES14002

Figure 2-1. Bootloader Menu Screen

2. Insert the furnished flexible disk into the disk drive.
3. Press **PREVIEW DISK**. The update disk revision will be displayed.

4. Confirm the displayed “Update Disk Revision” is 1.02 and press **Return**.
5. Press **SYSTEM UPDATE**, **CONTINUE** to install the 4291B firmware from the flexible disk to the 4291B flash memory. It will take about a few minutes.
6. After “Update Complete” is displayed, press **REBOOT** to reboot the 4291B.
7. Press **System**, **FIRMWARE REVISION** to confirm the current firmware revision. If “POWER ON TEST FAILED” isn’t displayed on the LCD and the new firmware revision is correctly displayed, the firmware installation is successfully completed.
8. Put the firmware revision label on the 4291B’s rear panel as shown in Figure 2-2.



CE302001

Figure 2-2. Location of the Firmware Revision Label

Note



The Firmware Installation Kit can be used to install the firmware into more than one unit of the 4291B. In this case, order additional firmware revision labels (Agilent P/N: 5080-3949).