

**Agilent E5052AU Option 017
Removable Hard Disk and Device Side USB Upgrade Kit**

Upgrade Manual

First Edition



Agilent Technologies

Manufacturing No. E5052-90103

September 2007

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Manual Printing History

The manual's printing date and part number indicate its current edition. The printing date changes when a new edition is printed. (Minor corrections and updates that are incorporated at reprint do not cause the date to change.) The manual part number changes when extensive technical changes are incorporated.

September 2007 First Edition

Typeface Conventions

Sample (bold)

Boldface type is used when a term is defined or emphasis.

Sample (Italic)

Italic type is used for emphasis.

Sample key

Indicates a hardkey (key on the front panel or external keyboard) labeled "Sample." "key" may be omitted.

Sample menu/button/box

Indicates a menu/button/box on the screen labeled "Sample" which can be selected/executed by clicking. "menu," "button," or "box" may be omitted.

Sample block/toolbar

Indicates a block (group of hardkeys) or a toolbar (setup toolbar) labeled "Sample."

Sample 1 - Sample 2 - Sample 3

Indicates a sequential operation of **Sample 1**, **Sample 2**, and **Sample 3** (menu, button, or box). "-" may be omitted.

1 **General Information**

This chapter describes the Upgrade Kit, contents of the kit, and required tools to install the Option 017 into the Agilent E5052A.

Option 017 Upgrade Kit

The purpose of this kit is to install the option 017 removable hard disk upgrade into the Agilent E5052A.

This upgrade can be performed by Agilent qualified personnel. After incoming inspection, this kit should be sent to the nearest Agilent Technologies service office with the E5052A for option upgrade.

Contents of the Agilent E5070BU/E5071BU Option 017 Upgrade Kit

The kit includes the parts listed in Table 1-1. If anything is missing, contact the nearest Agilent Technologies office.

Table 1-1

Contents of the Agilent E5052AU Option 017 Upgrade Kit

Description	Agilent PN	Qty.	Location in the Replacement Parts Chapter of E5052A Service Guide
Upgrade Manual (This manual)	E5052-90103	1	
A10 ANALOG MOTHER BOARD (for Serial Prefix MY442 and above)	E5052-66520	1	Table 5-21
SCREW-MACH M3.0 x L10 PN T10	0515-0374	4	Table 5-20
SCREW-MACH M3.0 x L6 PN T10	0515-0430	6	Table 5-20
SCREW-MACH M2.5 x 6 FL T8	0515-2028	2	Table 5-20
SCREW-MACH M3.0 x 4 FL T10	0515-2146	8	Table 5-20
W-2000 LICENSE STICKER	9010-0262	1	Table 5-20
CASE	E5052-01252	1	Table 5-20
HDD FOR E5052 REV.2.50	E5052-86250	1	Table 5-20
COVER	E5052-01253	1	Table 5-20
HDD BRACKET	E5070-01255	1	Table 5-20
HEAT TRANSFER SHEET	E5070-25061	1	Table 5-20
FLAT CABLE ASSY	E5070-61638	1	Table 5-20

Table 1-1

Contents of the Agilent E5052AU Option 017 Upgrade Kit

Description	Agilent PN	Qty.	Location in the Replacement Parts Chapter of E5052A Service Guide
INTERFACE BD PCA	E5070-66534	1	Table 5-20
CONNECTOR BD PCA	E5070-66535	1	Table 5-20
SYMANTEC GHOST	E8801-90027	1	Table 5-20
CHASSIS ASSEMBLY (for Serial Prefix MY442 and above)	E5052-60011	1	Table 5-28
COVER ASSEMBLY	E5052-60012	1	Table 5-15
LID	E5070-01252	1	Table 5-15
USB (USBTMC) INTERFACE CARD	0960-2357	1	Table 5-17
ANGLE	E5052-01251	1	Table 5-6
ANGLE PCI W/GPIB	E5052-01251	1	Table 5-17
ANGLE PCI W/USB	E5052-01251	1	Table 5-17
SCREW-MACH M3.0 x L8 PN T10	0515-0372	3	Table 5-12
SCREW-MACH M3.0 x L6 FL T10	0515-1946	1	Table 5-12
SCREW-MACH M4.0 x L6 PN T15	0515-2143	2	Table 5-12
A50 POWER SUPPLY	0950-4836	1	Table 5-12
PLATE (for Serial Prefix MY442 and above)	E5052-00616	1	Table 5-12
PLATE (for Serial Prefix MY442 and above)	E5052-00617	1	Table 5-12
A12 POWER DISTRIBUTION	E5052-66513	1	Table 5-23
OPT 017 SERIAL LABEL	5185-3775	1	

General Information

Contents of the Agilent E5070BU/E5071BU Option 017 Upgrade Kit

2 **Option Installation**

This chapter describes the procedure to install the option 017 into the Agilent E5052A.

Introduction

This chapter describes the procedure to install Option 017 into the E5052A. The procedure consists of the following items.

- Installation Requirements
 - Hardware Installation
-

Update Procedure

Installation Requirement

- TORX Screwdriver, T8, T10, T15, and T20
- Open Wrench, 5/8 inch

Hardware Installation

Refer to the Replacement Parts chapter and the Replacement Procedure chapter in E5052A Service guide for the detail replacement steps.

- Step 1.** Remove the outer cover.
- Step 2.** Remove all of components, modules, and sub assemblies from the chassis assembly, based on the replacement procedure in the service guide.
- Step 3.** Change the chassis assembly with E5052-60011, and re-assemble based on the replacement procedure in the service guide.

NOTE

1. Change the A10 analog mother board with E5052-66520 on the re-assembly.
 2. Change the A12 Power distribution with E5052-66513 on the re-assembly.
 3. Refer to the following section in the replacement procedure in the service guide for the device side USB card assembly.
 - A21 PCI DSP / A24 GPIB Card Replacement for Serial Prefix MY442 and above
 - USB (USBTMC) Interface Card Replacement for E5052A Serial Prefix MY442 and above
 4. Refer to the following section in the replacement procedure in the service guide for the removable Hard disk drive assembly.
 - Removable Hard Disk Interface Board Removal for Serial Prefix MY442 and above
 - A27 Removable Hard Disk Drive Replacement for E5052A Serial Prefix MY442 and above
-

Step 4. Apply the Performance test after restoring the adjustment data.

Step 5. Put the Option label on the rear panel.

CAUTION

If the unit from the customer is not still applied the following service note, it is strongly recommended to apply them at the same time.

E5052A Service Note: E5052A-03

E5052A Service Note: E5052A-06

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