

S E R V I C E N O T E

SUPPERSEDES: NONE

**3070 Board Test System
725/50 or 725/100 Testhead Controller**

Serial Numbers: 0000A00000 / 9999Z99999

SEU-4470 cards shipped in 725 testhead controllers are not supported on HP-UX 10.2.

To Be Performed By: Agilent-Qualified personnel or customer

Parts Required:

Part Number	Description	Quantity
E3788A, Opt. 700	SCSI to serial port converter & mux,8 ch	1

Situation:

When 3070 systems with 725/50 or 725/100 testhead controllers are updated to B.03.00, the Danford SEU-4470 (Serial Expansion Unit) 4-Channel RS-232 card shipped with those systems will no longer work because the SEU card is not supported under HP-UX 10.20. If these systems are updated to B.03.00, serial devices running from the SEU will no longer function. Many of these devices are critical for production lines to function. Typical RS-232 devices that might be run from the SEU card are the PPU button holder, board handlers, bar code readers, UPS communication lines, serial printers, PR Plus terminals, custom RS-232 applications, etc.

Continued

DATE: September 1998

ADMINISTRATIVE INFORMATION

SERVICE NOTE CLASSIFICATION:			
MODIFICATION RECOMMENDED			
ACTION CATEGORY:	<input type="checkbox"/> IMMEDIATELY <input type="checkbox"/> ON SPECIFIED FAILURE <input checked="" type="checkbox"/> AGREEABLE TIME	STANDARDS:	LABOR 1.0 Hours
LOCATION CATEGORY:	<input type="checkbox"/> CUSTOMER INSTALLABLE <input checked="" type="checkbox"/> ON-SITE <input type="checkbox"/> SERVICE CENTER	SERVICE INVENTORY:	<input type="checkbox"/> RETURN <input type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
		USED PARTS:	<input type="checkbox"/> RETURN <input checked="" type="checkbox"/> SCRAP <input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	AGILENT RESPONSIBLE UNTIL: 10July1999	
AUTHOR: CP	ENTITY: 0980	ADDITIONAL INFORMATION: None	

Solution / Action:

At no charge to customers, MTD will cover the cost of parts and installation for customers who meet the following criteria:

- Have a current software update contract in place. The software contract "handle" must be supplied with the E3788A opt. 700 order.
- Have a 725/50 or 725/100 testhead controller.
- Use or plan to use an RS232 device on the SEU card (PPU button, handler, etc.)

The E3788A opt. 700 is currently being added. Work with your local order administrator to order this special option through the HEART system. The special 700 option will not be available through SMO. Installation of this kit can be done by a CE or TC and will require approximately 1 hour. Refer to E3788A SCSI to RS-232 MUX Box Installation Manual (document number E3788-90000) for instructions on installation of the converter and modification of the device files. If possible, install this kit as part of a scheduled visit to avoid additional travel charges. USED PARTS: To avoid future confusion, the RS-232 ports of the SEU card must be clearly labeled as non-functioning or the card must be removed and discarded. Call On Line Support 1-800-447-8378 with questions.

This service note authorizes charging installation to MTD.

Important preparation points:

- Note that if the customer is currently on a software revision less than B.02.86 a new driver may be necessary for the SCSI converter to work. Recently the manufacturer of the SCSI converter changed the firmware. You MUST have a copy of the appropriate driver for this firmware available when doing this modification. There is no way to identify which firmware is in the SCSI converter without the software program (cdscanbus) which was not shipped until revision B.02.86. You must be prepared to install the appropriate driver to support the new firmware. The instructions for obtaining the driver can be found at the internal Agilent web site:
http://www-mskc.nsr.agilent.com/mskc/mtd/docs/3070/scsi_box_2.html The "cd.sh" file referenced in that document has been upgraded to use the new driver, which will work with all current revisions of the SCSI converter firmware.
- Note that it is suggested that the SCSI converter installation should be completed and checked out on the existing software before beginning the B.03.00 software upgrade.
- Note that the SEU card RJ45 connector and the SCSI to RS-232 converter RJ45 connector are not compatible pinouts. So existing RJ45 to DB25 cables that came with the SEU card will not be able to be plugged directly into the SCSI converter. These must be replaced by the RJ45 to RJ45 cable and RJ45 to DB25 adapters provided in the kit.
- Note that the 725 controllers came with one SEU card. There was room to add a second card. Customers using the optional second card will need to purchase additional RJ45 to RJ45 cables and RJ45 to DB25 adapters as required, since the kit will only supply cabling for 4 RS-232 ports (one card's worth).
- Note that custom RS-232 applications may be impacted by this and are not supported by this modification. For assistance with custom RS-232 applications, the customer will need to purchase consulting time.