

E4980A-16A

Modification Recommended Service Note

Supersedes:
E4980A-16

E4980A 2 MHz Precision LCR Meter

Serial Numbers: MY46516888 – MY46617780
Manufacturing ID Number: N/A

E4980A cannot power on due to PSU malfunction

Parts Required:

P/N	Description	Qty.
0950-5428	Power Supply AC 125-Watt 5-Output	1

ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS	
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	1.0 Hour
LOCATION	<input type="checkbox"/> CUSTOMER INSTALLABLE	SERVICE:	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP
	<input checked="" type="checkbox"/> SERVICE CENTER		USED <input type="checkbox"/> RETURN
	<input type="checkbox"/> CHANNEL PARTNERS		PARTS: <input checked="" type="checkbox"/> SCRAP
			<input type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	31-Mar-2020
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	WN
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	jm

ADDITIONAL INFORMATION:

Situation:

E4980A cannot power on due to PSU malfunction.

Solution/Action:

1. Check the Line Voltage and Fuse
2. Check the Power Supply Unit Output
3. Check booting process
4. When PSU malfunction is identified, replace the PSU by 0950-5428.

See Power on Sequence Troubleshooting, and Power Supply Assembly Replacement in E4980A/E4980AL Precision LCR Meter Service Guide for more details.

5. Scrap the defective PSU.

Revision History:

Date	Service Note Revision	Author	Reason for Change
14 Mar 2019	E4980A-16	Jun Maruo	As Published
01 Jul 2019	E4980A-16A	Jun Maruo	Narrowed serial-number range based on reported failure serial number range. Previous range was MY46516722 – MY46617916, SG46500800 – SG46600805 Changed the used parts action.