

# Manual Supplement

Manual Title: 8845A/8846A Users  
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This supplement contains information necessary to ensure the accuracy of the above manual. This manual is distributed as an electronic manual on the following CD-ROM:

CD Title:	8845A/8846A
CD Rev. & Date:	1, 9/2006
CD PN:	2453193

## Change #1 – 37838, 38315

On page 1-9, under **Environment**, replace with the following:

Vibration and Shock.....Complies with Mil-T-28800F Type III, Class 5 (Sine Only)

On page 1-10, under **Memory**, replace with the following:

8845A.....5,000 measurements, Internal only

8846A.....5,000 measurements, Internal and up to 2 Gigabyte capacity  
with USB memory module (available separately. See  
“Accessories”) through front-panel USB port

Under **Electrical Specifications** replace the first sentence with the following:

Accuracy specifications are valid for 6½ digit mode after at least a 1-hour warm-up with Auto Zero enabled.

On page 1-19, under **Temperature (8846A only)**, replace the two sentences with the following and remove **Additional Temperature Errors Table**:

Accuracy is stated as  $\pm$  °C and is based on a Platinum RT100 (DIN IEC 751, 385 type) RTD with less than 10 ohms lead resistance. The accuracy listed in the table below are valid only when using the 4-wire RTD measurement function. Specifications do not include probe accuracy, which must be added.

## Change #2 - 37909

On page 1-17, under **8846A Accuracy (cont)**, change the **3A Range, 10Hz - 5kHz Frequency (Hz)**, Column 3 (**24 Hour Spec**):

From: 0.5 + 0.7

To: 0.15 + 0.06

## Change #3 - 38285

On page 1-13, under **Resistance**, add the following after **Measurement Method**:

**Common Mode Rejection** ..... 140 dB at 50 or 60 Hz  $\pm$  0.1 % (1 k $\Omega$  unbalance)

**Normal Mode Rejection**..... 60 dB for NPLC of 1 or greater with dc filter off and power line frequency  $\pm$ 0.1 %  
100 dB for NPLC of 1 or greater with dc filter on and power line frequency  $\pm$ 0.1 %

On page 1-15, under **DC Current**, add the following after **Input Protection**:

**Common Mode Rejection** ..... 140 dB at 50 or 60 Hz  $\pm$  0.1 % (1 k $\Omega$  unbalance)

**Normal Mode Rejection**..... 60 dB for NPLC of 1 or greater with dc filter off and power line frequency  $\pm$ 0.1 %  
100 dB for NPLC of 1 or greater with dc filter on and power line frequency  $\pm$ 0.1 %

## Change #4 - 38370

On page 1-9, under **EMC** replace the entire paragraph with the following:

Designed to comply with IEC 61326-1:2000-11 (EMC) when used with shielded communications cables.  
This meter has shown susceptibility to radiated frequencies greater than 1 V/m from 250 to 450 MHz.

## Change #5

On page 1-4, under **General Safety Summary** add the following:

**CAT I** equipment is designed to protect against transients from high-voltage, low-energy sources, such as electronic circuits or a copy machine.

**CAT II** equipment is designed to protect against transients from energy-consuming equipment supplied from the fixed installation, such as TVs, PCs, portable tools, and other household appliances.