

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:	2, 1/2007
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 Ω 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 Ω 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.

Change #6 - 40779

On page 1-14, change the following:

From: Max. Lead Resistance (4-wire ohms).....10 % of range per lead for 100 Ω , 1 k Ω ranges.
1 k Ω per lead on all other ranges.

To: Max. Lead Resistance (4-wire ohms).....10 % of range per lead for 10 Ω , 100 Ω , 1 k Ω ranges.
1 k Ω per lead on all other ranges.

Change #7 – 40454

On page 1-17, under *8846A Accuracy* and *8845A Accuracy* replace the 10 A rows with the following:

8846A Accuracy

10 A ^[2]	3 – 5 Hz	1.1 + 0.06	1.1 + 0.06	1.1 + 0.06	0.2 + 0.006
	5 – 10 Hz	0.35 + 0.06	0.35 + 0.06	0.35 + 0.06	0.1 + 0.006
	10 Hz – 5 kHz	0.15 + 0.06	0.15 + 0.06	0.15 + 0.06	0.015 + 0.006
	5 – 10 kHz	0.35 + 0.7	0.35 + 0.7	0.35 + 0.7	0.03 + 0.006

8845A Accuracy

10 A ^[2]	3 – 5 Hz	1.1 + 0.06	1.1 + 0.06	1.1 + 0.06	0.2 + 0.006
	5 – 10 Hz	0.35 + 0.06	0.35 + 0.06	0.35 + 0.06	0.1 + 0.006
	10 Hz – 5 kHz	0.15 + 0.06	0.15 + 0.06	0.15 + 0.06	0.015 + 0.006
	5 – 10 kHz	0.35 + 0.7	0.35 + 0.7	0.35 + 0.7	0.03 + 0.006