FLUKE ®

8845A/8846A Firmware Update   **14 April 2007**

Firmware Affected:	All versions with OutG SW earlier than version 1.0.688.18
Serial Number Range:	All

To check current version press keys [INSTR SETUP] then F4 [SYSTEM] followed by [VERSIONS + SN]

Overview:

OutG SW 1.0.688.18 firmware update corrects a number of deficiencies in the 8845A and 8846A manufactured since product launch in September 2006.

Details

Item	Deficiency	Firmware Update
1	Occasionally, some readings may not be stored in USB memory (8846A only).	The 8846A USB storage limit remains the same at 50,000 readings per session. Previous versions stored 50,000 readings in 10 files, each with 5,000 readings that may have some lost readings. This version stores 50,000 readings in 5 files of 10,000 readings each without any loss of data. *Note: If more than 10,000 readings are selected for USB storage, a gap in readings will occur as the 10,000 reading file is closed and a subsequent file opened.*
2	In USB storage (8846A only), there is a time stamp associated with only the first reading.	Time stamping expanded to include both the first and last reading.
3	When the instrument is first powered up, using the on/off switch in the rear of the instrument, an "Error 370, Guard Crossing Restart" would occasionally appear in the error queue.	This error should no longer appear upon power up.
4	The instrument will not respond to system command *TST?	The instrument now responds correctly to this command.

5	In the Fluke 45 emulation mode, the instrument does not respond to the "REL" command.	The "REL" command has been added to the list of emulated Fluke 45 commands.
6	The instrument does not update the display with the correct IP address for Dynamic Host Configuration Protocol (DHCP).	Corrected.
7	Some ACI readings are incorrect when in dual display mode with DCI.	Corrected.
8	The "REAR" annunciator disappears after entering Trend Plot.	Corrected.
9	The "MATH" annunciator disappears after displaying software revisions.	Corrected.
10	When switching between 10 A and mA DCI ranges, the instrument may occasionally read 100x too low.	Corrected.
11	In VDC, with NPLC = 0.02PLC, an occasional Guard Crossing error may occur.	Corrected.
12	Unable to transfer internal stored readings to USB Storage (8846A only).	A function was added to transfer internal buffer readings to USB storage
13	FlukeView Forms Software "Syntax error [-102]".	When first started, FlukeView Forms Software sends remote commands to the serial port asking an instrument to identify it self. Because the 8845A/46A does not recognize the commands for the other instruments supported in Fluke ViewForms, an error indication is shown on the 8845A/46A front panel. This is considered normal operation.