

Instrument Security Procedures

Models:

Fluke 8505A

Product Name:

Instrument Description:

Memory Description:

Mainframe

There are four different types of memory devices in the 8505A:

- PROM, 256 X 4 bit
 - EPROM, 8k bytes, 2 each
 - Static RAM, 2k bytes
 - EEPROM, 512 bytes, 2 each
1. The PROM memory is pre-programmed ROM and is not alterable by the user of the 8505A
 2. The EPROM is pre-programmed memory and is not alterable by the user.
 3. The static RAM memory is cleared each time the instrument is turned off.
 4. The EEPROM stores the calibration constants and some numeric values, such as offsets, limit values and zeros. These numeric values are cleared when the 8505A is turned off or when the RESET button is pushed.

8505A Options:

- -01 AC/DC Converter [Averaging]
- -02A Ohms Converter
- -03 Current Shunts
- -05 IEEE-488 Interface
- -06 Bit Serial Interface
- -07 Parallel Interface
- -08A External Trigger
- -09A AC/DC Converter [RMS]

There are no memory devices in the above options.

Memory Cleaning Instructions:

To clear the entire calibration memory, place the 8505A in the CALIBRATION MODE by setting the CALIBRATION switch on the rear panel to ON. Depress the ZERO VDC/OHMS button, wait for CLEAR? on the display. Depress the ZERO VDC/OHMS button a second time. Wait until there is a momentary blanking of the display and the ZERO annunciator is turned off. The memory is now cleared. At this point the 8505A needs to be re-calibrated to meet the published specifications.