

Instrument Security Procedures

Model:

8508A

Product Name:

8508A Reference Multimeter

Instrument Description:

The Fluke 8508A is an 8.5-digit resolution instrument designed specifically for metrologists. With superior accuracy and stability over a wide range of measurements, the 8508A is designed to serve as a versatile precision measurement tool for calibration laboratories that must meet increasingly stringent measurement uncertainty analysis requirements demanded by ISO 17025, as well as the need for increased productivity.

Memory Description:

The Fluke 8508A has the following memory devices:

1. SRAM 256 kB, Contains run time data and temporary configuration data, input zero correction data.
2. PROM 256 kB Memory. Contains embedded program and associated storage area. It contains no user data.
3. EEPROM 16 kB. This contains user-defined data such as bus address, PRT coefficients, HF corrections.
4. EEPROM 48 kB. This contains calibration constants.

Memory Cleaning Instructions:

1. SRAM 256 kB, This area is volatile and contents are lost on power down.
2. PROM 256 kB Memory. This area is programmed at manufacture and cannot be cleared.
3. EEPROM 16 kB. To set the NV stores (PRT data, bus address, contrast etc) to their default state put the 8508 into calibration mode using the switch on the rear panel. Turn the instrument on. Press the 'CAL' button on the front panel. Then select the 'Special' softkey. Then the 'ClrNV' softkey, and then the 'ALL' softkey. After a short delay, the NV stores will be cleared. Power off the instrument and move the cal switch on the rear panel to the Disable position.
4. EEPROM 48 kB. There are no user defined items of data stored in this area and cannot be cleared.