

Instrument Security Procedures

Model:

Fluke 45

Product Name:

Fluke 45 Dual Display Multimeter

Instrument Description:

The Fluke 45 is a 5-digit, 100 000 count meter that fits all applications and measurement needs — on the workbench or in the field. Two multifunction displays and 16 different measurement capabilities allow wide ranging versatility.

Memory Description:

The 45 includes four memory devices:

- 8-bit microcomputer, 256 bytes of RAM
- SRAM, 8kX8
- EEPROM, 64x16 bit serial, electrical erasable memory
- EPROM, 27C512

Memory Cleaning Instructions:

1. The RAM memory in the microcomputer is cleared each time the instrument is turned off.
2. SRAM is cleared each time the instrument is turned off.
3. The EEPROM stores calibration constants and its IEEE488 address, but otherwise is not alterable by the customer.
4. The EPROMs are pre-programmed memory and are not alterable by the user.

The operator may configure the instrument from the front panel. Many parameters may be set this way. To restore the power-up configuration to the factory settings and erase any user-defined configuration, press and hold the AUTO button, while turning the instrument on. The instrument beeps when the factory settings are restored. See table below for factory settings.

Power-up Configuration Set at Factory

Parameter	Configuration
Function Setting	DC volts
Range Mode	Autorange
Reading Rate	Medium [30,000 counts@5 readings/second]
Touch Hold Sensitivity Level	Level "2" [1 to 2 % of reading]
Reference Impedance [for dB]	600 ohms
High/Low Values for Compare Mode	0
Minimum and Maximum Values in MN MX Modifier	0
Relative Base	0
Relative Base in Secondary Display	Disabled
Trigger Type	Internal