Instrument Security Procedures

Model:

1735

Product Name:

Power Logger

Instrument Description:

Fluke 1735 Power Logger is a power meter for conducting energy studies and basic power quality logging.

Memory Description:

The Fluke 1735 has three memory devices:

- IC212, IC213 SRAM: Chiplus CS18LV20483DI-70, ISSI IS62WV2568BLL-70HI or Samsung K6F2008V2E-YF70 volatile memory used to store the operating code at run time.
- IC1010, IC1011 FLASH: AMD AM29LV116BB120EC, Spansion S29AL016D90TFI01 bytes non-volatile memory used to store the operating code, and to store saved screens and logged readings.
- IC504, I2C EEPROM 24C32, 4k x 8 bytes, non-volatile memory used to store calibration constants and configuration data.

Memory Cleaning Instructions:

The operating code can be written into IC1010, IC1011 using a PC-based program, 1735 Upgrade. At power on, the operating code stored in IC1010, IC1011 is transferred into IC212, IC213 and executed. When the instrument is turned off, the contents of IC212, IC213 are lost.

Calibration constants stored in IC504 can be read using a PC-based calibration program. The calibration constants are generated when the meter is sent through its calibration process and are fundamental to the meter operation.

To clear saved screens:

1. Push the MENU key.
2. Press the Down Arrow key to View/Delete Screens.
3. Press ENTER, followed by HOLD, then ENTER.

To clear logged memory:

1. Move the rotary switch to Meter V A Hz.
2. Push the RECORD button followed by ENTER, ENTER.
3. After the "Clearing Flash memory" message, press RECORD followed by ENTER. There will be at most, one set of readings logged, but with open leads these will not convey any useful information.

Note

Removing the rechargeable battery will not clear the saved or logging memory.