

March, 2018

Statement of Volatility and Data Clearing Procedure for the Keithley Model 2015 / 2016 THD Multimeter

The Keithley Model 2015 and 2016 (including the -P variations) contain memory devices to hold firmware code that is executed by an internal microprocessor to operate the product and memory to save setup information. The following sections describe how the data stored in the memory devices may be cleared.

Description of memory devices, their use, and clearing procedure:

- 1 of 68306 microprocessor - contains some RAM which contains runtime data. Erased when power is removed for one minute.
- 3 of XC5200 FPGA contains Static RAM. Erased when power is removed for one minute.
- 1 of ADSP-2106x DSP Microcomputer contains Static RAM. Erased when power is removed for one minute.
- 2 of IS62C256AL Static RAM. Erased when power is removed for one minute.
- 1 of M68HC05 Microcontroller – contains firmware to operate the front panel display on One Time Programmable ROM which cannot be erased once programmed. It is not accessible to users / operators.
- 3 of AT27C020 OTP EPROM – contains operating firmware on One Time Programmable ROM which cannot be erased once programmed. It is not accessible to users / operators.
- 1 of 24LC16B Serial EEPROM – stores user settings and calibration constants. To clear user setup: press SHIFT then SETUP and use the ▲ and ▼ keys to select FACTory or USER and press ENTER.

If you have any further questions or comments, please feel free to contact my office at any time.

Regards,



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