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## **Destruction of Data in Non-Volatile Memory in the Keithley Model 6514**

The Keithley Model 6514 contains memory devices to hold firmware code that is executed by internal microprocessors to operate the product and memory to save other information and data. The following sections describe how the data stored in the memory devices may be cleared or destroyed.

### **Description of memory devices and their use:**

1. Microprocessors - contains some RAM for internal use and all information is lost when the unit is powered down.
2. CMOS Flash memory (non-volatile) – stores the operating software for the instrument.
3. CMOS SRAM – Working RAM for unit operation.

### **Procedure for clearing memory content:**

Note: If the Model 6514 starts and operates properly when powered on, it is very unlikely that the Flash memory was compromised. The microprocessor does a self test including a checksum of the memory. Any difference in the contents from the original programming will usually cause a checksum error or the unit will not function.

1. Microprocessor – Power unit down for 10 minutes.
2. CMOS Flash memory (non-volatile) – Re-flash the operating firmware from a known good source (may be downloaded from [www.keithley.com](http://www.keithley.com)).
3. CMOS SRAM – Power unit down for 10 minutes.

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

Regards,



William Pelster  
Director of Quality