

**TCP0150**  
**Declassification and Security**  
**Instructions**

[www.tektronix.com](http://www.tektronix.com)



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- Worldwide, visit [www.tektronix.com](http://www.tektronix.com) to find contacts in your area.

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# Purpose and Terms

This document helps customers with data security concerns to sanitize or remove memory devices (if applicable) from the products listed below.

These products may have data storage devices (memory). These instructions describe how to clear or sanitize the memory devices.

**Products** The following Tektronix products are covered by this document:

- TCP0150 Current Probe

**Related Documents** *TCP0150 Current Probe Instruction Manual*

**Terms** The following terms may be used in this document:

- **Clear.** This removes data on media/memory before reusing it in a secured area. All reusable memory is cleared to deny access to previously stored information by standard means of access.
- **Erase.** This is equivalent to clear.
- **Media storage/data export device.** Any of several devices that can be used to store or export data from the instrument, such as a USB port.
- **Nonvolatile memory.** Data is retained when the instrument is powered off.
- **Power off.** Some instruments have a “Standby” mode, in which power is still supplied to the instrument. For the purpose of clearing data, putting the instrument in Standby mode does not qualify as powering off. For these products, you will need to either press a rear-panel OFF switch or remove the power source from the instrument.
- **Remove.** This is a physical means to clear the data by removing the memory device from the instrument. Instructions are available in the product Service Manual.
- **Sanitize.** This eradicates the data from media/memory so that the data cannot be recovered by other means or technology. This is typically used when the device will be moved (temporarily or permanently) from a secured area to a non-secured area.
- **Scrub.** This is equivalent to sanitize.
- **User-modifiable.** The user can write to the memory device during normal instrument operation, using the instrument interface or remote control.
- **Volatile memory.** Data is lost when the instrument is powered off.

# Clear and Sanitize Procedures

## Memory Devices

Table 1: Volatile Memory Devices

Type and minimum size	Function	User modifiable	Data input method	Location	To clear	To sanitize
Atmel Mega32 microcontroller SRAM, 2k	Hold EEROM image and operating variables	No	Written by uC	Control Board	N/A	N/A

Table 2: Nonvolatile Memory Devices

Type and minimum size	Function	User modifiable	Data input method	Location	To clear	To sanitize
Atmel Mega32 microcontroller SRAM, 2k	Hold uC firmware	No	Factory programmed, no user data	Control Board	N/A	N/A
Atmel Mega32 microcontroller SRAM, 2k	Hold probe serial number, range state, etc.	No	Factory programmed and written by firmware	Control Board	N/A	N/A

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**NOTE.** *It is not necessary to clear or sanitize the probe because there is no user-generated data.*

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