Instrument Security Procedures

Model:

6135A/PMU System Timing Unit

Product Name:

6135A/PMU System Timing Unit

Instrument Description:

The Fluke Calibration 6135A/PMU System Timing Unit is a component in the Fluke Calibration 6135A/PMU Calibration system. It has no useful capability as a stand-alone unit. Inputs are timing signals from the separate GPS receiver, timing signals from the Fluke Calibration 6105A and control signals from the separate system computer. Outputs are timing and trigger signals to other components within the 6135A/PMU Calibration System.

Memory Description:

The 6135A/PMU System Timing Unit contains the following memory:

Type	Size	Function
FT2232H -		USB Communication bridge
ROM	Unspecified	Pre-programmed instructions and constants
RAM	Unspecified	Workspace
RAM	4 Kbytes x4	Four dual port communications buffers
EEPROM	256 bytes	System timing unit identification data and FT2232H USB configuration
Flash	16 Mbytes	Configuration loaded into FPGA at power-up
FPGA – RAM	504 Kbytes	FPGA variable storage

Memory Cleaning Instructions:

The 6135A/PMU System Timing Unit stores no user configurable data.
Memory can only be accessed using custom utilities at a service centre.

Type	Size	Function
FT2232H		USB Communication bridge
ROM	Unspecified	Programmed at IC manufacture and cannot be cleared
RAM	Unspecified	Volatile and contents are lost on power down
RAM	4 Kbytes x4	Volatile and contents are lost on power down
EEPROM	256 bytes	System timing unit identification data and FT2232H USB configuration are programmed at manufacture and cannot be cleared
Flash	16 Mbytes	FPGA configuration is programmed at manufacture and cannot be cleared