Agilent 4294A Security Features
Rev. 1.0

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Agilent 4294A Precision Impedance Analyzer Security Features
Memory Implementation & Security Concerns.

USER ACCESSIBLE:

1) Flexible disk drive (non-volatile) Floppy Disk, 1.44Mbytes or 720KBytes

Used to save or recall instrument states, cal data, trace data, and screen graphics.

2) Memory disk (volatile) 512kBytes

Used to save or recall instrument states, cal data, trace data, and screen graphics.

The data is cleared with power on/off cycle.

3) Flash memory (non-volatile) 16MBtyes

Used to save or recall instrument states, cal data, trace data, and screen graphics.

To clear data in the flash memory:

1. Press {Save} key on the front panel

2. Select [FILE UTILITIES]

3. Set [STORE DEV] to [FLASH MEMORY]

4. Select [FORMAT] then [Yes]

SYSTEM USE ONLY – NOT USER ACCESSIBLE:

4) Backup memory (with charged battery) 8MBytes

This memory stores settings per Table D-1, Backup column in the operation manual.

To reset to the factory settings, keep power off for more than one week, at which time the backup battery is uncharged. (Typically the battery holds charge for 72 hours.)

5) Boot ROM (non-volatile) 4MBytes

Used to boot the firmware.

6) EEPROM memory (non-volatile) 512kBytes

Used to store factory default system calibration data and adapter setup data performed by users.

Other issues

The analyzer has no BIOS.

The analyzer has GPIB and LAN connection ports. Users can communicate and transfer data via the ports.

Please refer to chapter 9 "Setting/Using Control and Management Functions" in the operation manual for more detail.