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Memory Information and Procedures

Product: 34970A Data Acquisition Control Mainframe and Modules

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| Memory Type: Battery-backed SRAM | Memory Size: 4 128K x 8 and 1 32K x 8 |
| Memory Function: Store instrument readings and instruments state | |
| User Modifiable (Y/N): Yes | Volatile (Y/N): Yes |
| Memory Erase Processes: Not cleared when power is turned off. Overwritten by measuring some insignificant value (e.g. zero) at high reading rate. It takes approximately 8 seconds to clear the memory. | |

| | |
|--|-----------------------------|
| Memory Type: FRAM | Memory Size: 512 x 8 |
| Memory Function: Store cal constants and relay closure counts (used for instrument service and maintenance). Each module also includes one of this. | |
| User Modifiable (Y/N): No | Volatile (Y/N): No |
| Memory Erase Processes: Cannot be cleared | |

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|--|-------------------------------|
| Memory Type: ROM | Memory Size: 256K x 16 |
| Memory Function: Firmware code for internal operation of the instrument | |
| User Modifiable (Y/N): No | Volatile (Y/N): No |
| Memory Erase Processes: Cannot be cleared | |