CAMAC, an acronym for Computer Automated Measurement And Control, is an IEEE-standard (583), modular, high-performance, real-time data acquisition and control system concept.

**Analog Input**

- 3512: 16-channel, Scanning A/D Converter
- 3516: 32-channel, Scanning A/D Converter
- 3568: 32-channel Calibration Relay
- 3596: 24-bit, 16-channel, Sigma-Delta A/D Converter

**Analog Output**

- 3112: 8-channel, 12-bit D/A Converter
- 3115: Timed D/A Converter
- 3116: 16-channel, 16-bit D/A Converter
- 3120: 4-20 mA Output Drivers
- 3195: 6-channel, 16-bit D/A Converter

**Cables and Connectors**

- 5800: Cable Assemblies
- 5900: Connector Kits

**CAMAC Equipment**

- 1001: Module Hardware Kits
- 1100 - 1150: Module Extenders
- 1502/72: 25-station Crate
- 1850: Termination Panel
- 1854/56: Termination Panels
- 1858: BNC Termination Panel
- 1992: Rack-mount Isothermal Panel
- 2000: Kluge Card
- 2010: SGL Adapter
- 2012: ACB Adapter
- 2115: PCI Serial Highway Driver
- 2915: PCI Interface to 3922 Controller
- 2917: VME Interface to 3922 Controller
- 2927: IBM PC/AT Interface
- 2962: Grand Interconnect PCI Host Adapter

**Controllers and Miscellaneous**

- 3922: Parallel Bus Crate Controller
- 3929: SCSI Crate Controller
- 3936: Transformer U-Port Adapter
- 3938: Bit-serial Crate Controller w/U-Port Adapter
- 3939: Byte-serial, Fiber Optic U-Port Adapter
- 3952: Type L-2 Serial Crate Controller
- 3972: Grand Interconnect Crate Controller
- 3982: List Sequencing Crate Controller
- 3988: GPIB Crate Controller
- 3992: Serial Highway Drive
Counter, Timer and Clock Modules

- 3610: 6-channel, 50 MHz Counter
- 3615: 6-channel, 100 MHz Counter
- 3640: 4-channel, Up-Down Presettable Counter
- 3655: 8-channel Timing Pulse Generator
- 3660: Programmable Clock Generator
- 3664: Time Interval Counter
- 3665: 4-channel Frequency Counter

Digital Input

- 3470: 24-bit Input Register with Strobes
- 3471: 24-bit Isolated Input Gate
- 3472: 48-bit Input Gate
- 3473: 24-bit Change-of-state Input Register
- 3474: 48-bit Change-of-state Input Register
- 3495: 48-bit Discrete Input

Digital Output

- 3063: 16-bit Input Gate/Output Register
- 3072: 48-bit Output Register
- 3074: 24-bit Isolated Output Register
- 3075: 16-bit Relay Output Register
- 3076: 16-bit Output Register w/Relay Contacts
- 3095: 24-bit Discrete Output

Display

- 3291: System Monitor and Dataway Display
- 3296: Dataway Display Control w/Input Gate

Process Interface

- 3792: Watchdog Timer/Power Monitor

Special Function Modules

- 3344: Four-channel Communication Interface
- 3388: GPIB Interface

Software Drivers

- AD21: AD4Z Software Device Drivers (including 6110 - 6611)

Application

Provide data acquisition and control
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