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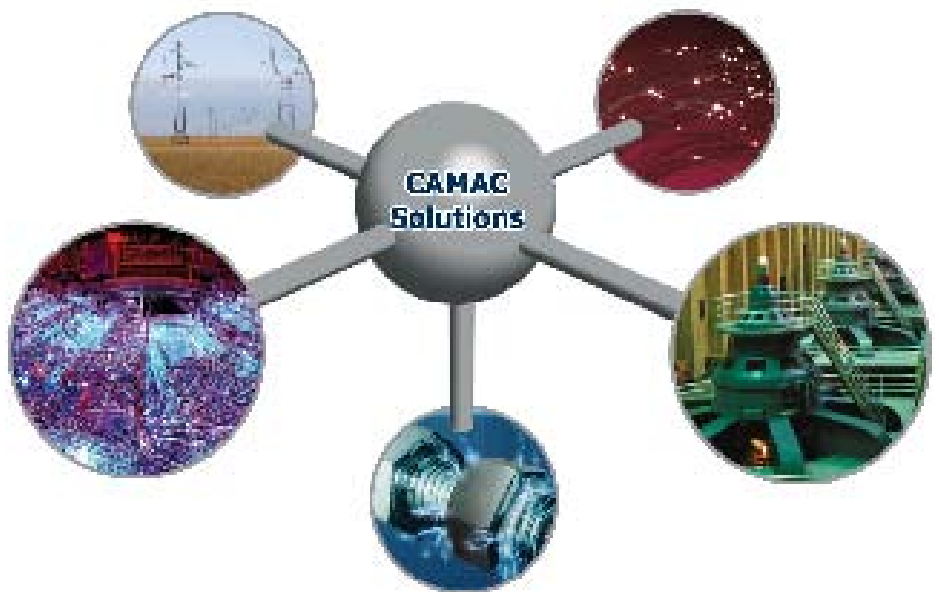
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CAMAC Equipment

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

Since 1969, CAMAC has been used in many thousands of scientific, industrial, aerospace, and defense test systems around the world.

1507 Powered CAMAC Minicrate



The Model 1507 is an IEEE-583 compatible chassis with mounting positions for 11 modules.

FEATURES

- 11-slot capacity
- 350 W switching power supply
- Over-current and overvoltage protection
- Lightweight construction
- Desktop mounting
- Fold-down front bail for ease of module access



GENERAL DESCRIPTION

The Model 1507 CAMAC crate is an IEEE-583 compatible chassis with mounting positions for 11 modules. It includes a six-layer CAMAC Dataway with an 86-contact PC edge connector at each position, two self-contained blowers for module cooling, and a 350 W switching power supply. This power supply accepts a 47 or 65 Hz AC input, ranging from either 100 V to 130 V or 200 V to 260 V, and delivers the following currents:

Voltage	+16V	-6V	+12V	-12V	+24V	-24V
Current	15A	15A	1.5A	1.5A	2.5A	2.5A

Selection of input voltage range is made by a switch at the line connector. All supplies are regulated to limit changes in the output voltages to less than 0.2% for a change from no-load to a fully loaded state. Each supply has overvoltage and thermal shutdown protection. Over-current shutdown protection is also provided on the 6 V and 24 V supplies, and current limiting is used on the 12 V supplies. Output ripple is less than 10 mV peak-to-peak on the 6 V supplies, less than 50 mV peak-to-peak on the 12 V supplies, and less than 75 mV peak-to-peak on the 24 V supplies.

The 1507 crate is primarily designed to house modules with front-panel mounted I/O connectors. Its small 31.88 cm x 30.0 cm x 38.75 cm size (12.75"H x 12.0" W x 15.5"D) and 11.4 kg (25 lb) weight make it easy to move around a bench or desktop. A fold-down bail under the front of the enclosure facilitates access to module front panels.

ACCESSORIES

Model 1507-001 Rack mounting kit for Powered CAMAC Minicrate

ORDERING INFORMATION

MODEL	DESCRIPTION
1507-P3A	11-slot Powered CAMAC Minicrate 120/220 V, 50/60 Hz
1507-P3B	11-shot Powered CAMAC Minicrate 120/220 V, 50/60 Hz, Rack mountable

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