

707A

- Integrates seamlessly with the Model 4200-SCS for semiconductor I-V and C-V characterization
- Controls up to 576 channels of 2-pole switching (expandable to 2880)
- Supports a broad range of switch cards
- Interactive one-touch programming
- Program and store up to 100 switch configurations in non-volatile memory
- 8 channels of digital input and output

Ordering Information

707A 6-slot Switching Matrix

Extended warranty, service, and calibration contracts are available.

Accessories Supplied
Relay test connector
Fixed rack mount hardware

708A

- Requires just 3½" of rack space
- Card accessible from either front or rear panel
- Front panel relay status display
- Control up to 96 channels of 2-pole switching (expandable to 480)
- Compatible with a wide range of switch cards

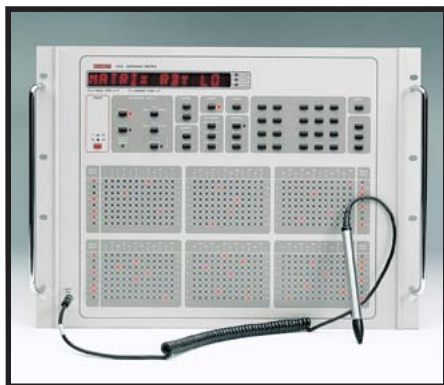
Ordering Information

708A Switching Matrix

Accessories Supplied
Relay test connector
Fixed rack mount hardware

Switching Matrix Mainframe

Six-slot with Fixed Rack Kit



The six-slot Model 707A Switching Matrix builds upon the strengths of the original Model 707 to offer even greater capabilities for custom-designed, high-performance switching. The large matrix format and flexibility of the 707A enable you to custom-design your test system for peak performance. The Model 707A is engineered to reduce test system costs by saving valuable time during system integration and test development.

The Model 707A is compatible with all existing switch cards for the Model 707 and 708 switch mainframes. This card line offers both general-purpose and application-specific cards for use in semiconductor and telecommunications testing.

Analog Backplanes

Three separate analog backplanes automatically make row connections between cards of a given family. Separating the analog backplanes permits designing each to maintain the performance characteristics within a card family when multiple card types are mixed within a mainframe.

Within a mainframe, matrix cards are connected along the rows via the analog backplanes. This reduces the need for complex harnesses and external wiring while saving time in design and system integration.

Quick Connect/Disconnect

Cabling and interconnect to instrumentation and DUT pins are also simplified through the use of standard connector types, which can be easily connected and disconnected for system assembly and maintenance. Cable accessories are available in either finished assembly or kit form.

For more details regarding Model 707A, please refer to the Keithley Web site, www.keithley.com.

Switching Matrix Mainframe

Single-slot with Fixed Rack Kit



The high-density single-slot Model 708A Switching Matrix builds upon the strengths of the original Model 708 to offer even greater capabilities for production testing in industrial environments. For example, the Model 708A requires only 3½ inches of vertical space in a standard 19-inch rack, so it's easy to fit into virtually any testing setup.

The Model 708A is compatible with all existing DC and RF switch cards for the Model 707A. This card line offers both general-purpose and application-specific cards for use in semiconductor and telecommunications testing. The Model 708A can control up to 96 channels (expandable to 480) from the front panel to simplify test development. Sixteen channels of digital I/O allow the operator to control and read-back the state of other equipment in the production test system.

For more details regarding Model 708A, please refer to the Keithley Web site, www.keithley.com.

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