

## Series 2700



### 30-SECOND SELL

“Series 2700 data acquisition systems combine a precision DMM with instrument grade switching and control in an integrated enclosure. With many card and interconnect options, they are perfect choices for any rack-mount or bench application. The 6½-digit DMM analog capability ensures measurements with superior accuracy and repeatability.”

#### PRODUCT HIGHLIGHTS

- 6½-digit measurement engine
- Front panel DMM jacks
- 300 volt isolation between channels and from any channel to ground to maintain signal integrity
- Mass terminated or screw terminal connector options
- Full per-channel card configurability
- Non-volatile memory buffer
- Choice of 12 switch/control plug-in modules



Install up to five switch/control modules in the 2750 mainframe or up to two in the 2700 and 2701 mainframes.



Screw terminals use oversize connectors for easier, mistake-free wiring. Removable terminals available for some models.

MODEL	STOCK CODE	MAINFRAME SIZE	INTERFACES	RESOLUTION (DIGITS), ACCURACY	ADVANCE MEASURE FUNCTIONS
2700	2074750	2U, ½ Rack	GPIB, RS232	6½ Digits, 0.003%	Temperature, 4-Wire Resistance
2701	2074751	2U, ½ Rack	Ethernet, RS232	6½ Digits, 0.003%	Temperature, 4-Wire Resistance
2750	2074752	2U, Full Rack	GPIB, RS232	6½ Digits, 0.003%	Temperature, 4-Wire Resistance, Low Ohms

# Series 2700

## PLUG-IN CARDS

7700	Dual 1x10 / Electromechanical Relay	2074766
7701	Dual 1x16 / Electromechanical Relay	2131281
7702	Dual 1x20 / Electromechanical Relay	2074767
7703	Dual 1x16 / Reed Relay	2131282
7705	40 Independent Relay / Electromechanical Relay	2131283
7706	16 Digital I/O, 2 Analog Outputs, 1x20 Multiplexer	2131284
7707	32 Digital I/O, 1x10 Multiplexer	2131285
7708	Dual 1x20 / Electromechanical Relay	2131287
7709	6x8 / Electromechanical Relay	2131288
7710	Dual 1x10 / Solid State Relay	2131289
7711	Dual 1x4, 2GHz / RF Relay	2131290
7712	Dual 1x4, 3.5GHz / RF Relay	2131291

## RECOMMENDED ACCESSORIES

7007-1	Shielded IEEE-488 Cable, 1m (2700, 2750)	NIC
7007-2	Shielded IEEE-488 Cable, 2m (2700, 2750)	NIC
7788	50-Pin D-Shell Connector Kit (for 7703 & 7705 Mods.)	NIC
7789	50-Pin/25-Pin D-Shell Kit	NIC
7790	50-Pin Male/Female, 25-Pin Male IDC D-Shell Con. Kit	NIC

## SHIPS WITH PRODUCT

- Product CD (Includes Users Manual, Drivers, Etc.)
- Ethernet Crossover Cable (Model 2701 Only)
- Calibration Certificate
- Quick Reference Manual
- Kickstart Instrument Control Software (available at [www.tek.com](http://www.tek.com))
- Power Cord
- 1-year Warranty


## ANOTHER PRODUCT FOR CONSIDERATION



For larger channel count systems or greater system functionality, consider the **Series 3700A** system. Also, for sourcing, consider Series 2400, 2600B SourceMeter or Series 2200 Power Supplies.

**See page 116**

## TOOLS FOR THE CUSTOMER

 Data Sheet

FOR MORE INFO VISIT  
[TEK.COM/SWITCHING-AND-DATA-ACQUISITION-SYSTEMS/2700-MULTIMETER-DATA-ACQUISITION-SWITCH-SYSTEMS](http://TEK.COM/SWITCHING-AND-DATA-ACQUISITION-SYSTEMS/2700-MULTIMETER-DATA-ACQUISITION-SWITCH-SYSTEMS)

## 3 Reasons to Buy this Product

- 1 Series 2700 systems simplify the complexity of combining a digital multimeter with switching by automating relay and DMM control to ensure the highest reliability in your measured signal.
- 2 Each Series 2700 mainframe offers DMM-type front panel controls, including front panel jacks to ensure instrument flexibility and ease of use.
- 3 Plug-in cards cover a wide range of signal, control and application coverage, while offering the convenience of screw terminal and D-sub connectivity.