

KEITHLEY

Increase the Precision of Your Test Bench Tools



Discover Our Low Cost High Precision Test Instruments
 Why settle for less precise instruments? Especially when precision comes at such a low cost.

All Models Start at Less than \$2,000

- **Model 2100 6½-Digit USB DMM:** 6 ½ digit measurement performance at a 5 ½ digit price.
- **Model 2000 6½-Digit DMM:** More accuracy and more speed with multichannel measurement capability.
- **Models 2700, 2701, 2700/7700 6½-Digit Multimeter/Data Acquisition Systems:** A one-instrument test system for automated measurement logging or acquisition, including temperature.
- **Model 6485 Picoammeter:** The extra-sensitive meter for special measurements that every lab or design team needs.
- **Series 2200 Programmable DC Power Supplies:** Make portable device idle state measurements with 0.1mA resolution.
- **Model 3390 50MHz Arbitrary Wave/Function Generator:** Create any waveform with the 14-bit, 256k memory arbitrary waveform generator and the included waveform generation software.

Condensed Specifications *Click on the model number for the data sheet with full specifications.*

MODEL	MEASURE					SOURCE
	2100 Digital Multimeter	2000 Digital Multimeter	2700, 2700/7700, 2701 DMM/ Data Acquisition/Switch Systems	6485 Picoammeter	Series 2200 Programmable DC Power Supplies	3390 50MHz Arbitrary Wave/ Function Generator
Digits	6½	6½	6½	5½	4½	
Sensitivity	100nV, 10nA, 100uΩ	100nV, 10nA, 100uΩ	100nV, 10nA, 100uΩ	10fA	1mV, 0.1mA	
Max. Throughput	2000 rdgs/s	2000 rdgs/s	2000 rdgs/s	1000 rdgs/s	—	
DC Volts Measurements	0.1µV - 1000V	0.1µV - 1000V	0.1µV - 1000V	—	1mV - 20/30/32/60/72V	
AC Volts Measurements	0.1µV - 750V	0.1µV - 750V	0.1µV - 750V	—	—	
DC Amps Measurements	10nA - 3A	10nA - 3A	10nA - 3A	10fA - 20mA	0.1mA - 1.2/2.5/3/5A	—
AC Amps Measurements	1µA - 3A	1µA - 3A	1µA - 3A	—	—	
Resistance Measurements	100µΩ - 100MΩ	100µΩ - 100MΩ	100µΩ - 100MΩ	—	—	
Temperature Measurements	RTD: -100°C to +600°C	T/C: -200°C to +1372°C	T/C -200°C to +1820°C RTD: -200°C to +630°C Therm: -80°C to +150°C	—	—	
Signal Generation					20V @ 5A 32V @ 3A 30V @ 5A 60V @ 2.5A 72V @ 1.2A	1µHz - 50 MHz sine wave generation 10mVpp - 10Vpp output range into 50Ω Load 14 bit ARB w/256K points
Interfaces	USB, Digital I/O	GPIO/IEEE.488.2, RS-232	2700, 2700/7700: GPIB/IEEE.488.2, RS-232, Digital I/O 2701: RS-232, LAN/Ethernet, Digital I/O	GPIB/IEEE.488.2, RS-232 Analog Output	GPIB/IEEE.488.2, USB, Digital I/O	GPIB, USB, LAN LXI
Other Features	Frequency, Period Measurements	10 Expansion Channels Frequency, Period Measurements	80 Expansion Channels Frequency, Period Measurements	—	Built-in list mode	KiWAVE Waveform Creation Software, Digital Pattern Generation

Increase the Precision of Your Test Bench Tools

KEITHLEY

Digital Multimeters, Digital Multimeters/integrated Switch System

Model	Description	Detailed Information
2100	6½-Digit USB DMM 11 measurement functions, USB interface	Get a data sheet.
2000	6½-Digit GPIB/RS-232 DMM 13 measurement functions, IEEE-488/GPIB and RS-232 interfaces, optional switch card	Get a data sheet.
2700	6½-Digit DMM, Data Acquisition, Datalogging System with 2 Slots for 12 optional switch/control plug-in cards for up to 200 differential input channels. IEEE-488/GPIB, RS-232 interfaces.	Get a data sheet.
2700/7700	GPIB Data Acquisition System including a Model 2700 DMM, a Model 7700 Multiplexer Module, and ExceLINX-1A Software	Get a data sheet.
2701	6½-Digit DMM, Data Acquisition, Datalogging System with 2 Slots and Ethernet Support Like Model 2700 but with Ethernet interface	Get a data sheet.

Picoammeter, Arbitrary Waveform Generator

Model	Description	Detailed Information
6485	5-1/2 digit Picoammeter with 10fA Resolution	Get a data sheet.
3390	50 MHz Arbitrary Waveform / Function Generator	Get a data sheet.

Digital Multimeters, Digital Multimeters/integrated Switch System

Model	Description	Detailed Information
2200-20-5	Programmable DC Power Supply. 20V, 5A	Get a data sheet.
2200-30-5	Programmable DC Power Supply. 30V, 5A	Get a data sheet.
2200-32-3	Programmable DC Power Supply. 32V, 3A	Get a data sheet.
2200-60-2	Programmable DC Power Supply. 60V, 2.5A	Get a data sheet.
2200-72-1	Programmable DC Power Supply. 72V, 1.5A	Get a data sheet.

*Price can vary based on optional plug-in modules selected.

Get Precision at an Affordable Price
All Models Start at Less than \$2,000

You want confidence in the measurements you're making. So why settle for less precise instruments? Especially when precision comes at such a low cost.



A GREATER MEASURE OF CONFIDENCE

KEITHLEY