




Comparison Guide

Company	B&K Precision		Keysight		Keithley	
Model	DAQ3120		DAQ970A		DAQ6510	
						
Price	\$1,990		\$2,899*		\$2,930	
Key Characteristics						
Maximum Scan Rate	450 channels/s		450 channels/s		800 channels/s	
Memory Capacity	100 kpts (non-volatile)		1 Mpts (non-volatile)		7 Mpts (volatile)	
Resolution	6 ½ digits		6 ½ digits		6 ½ digits	
No. of Slots	3		3		2	
Maximum No. of Channels	120		120		80	
DMM Specifications						
Reading Speed	38400 readings/s		50000 readings/s		20600 readings/s	
Measurements	Range	Basic Accuracy	Range	Basic Accuracy	Range	Basic Accuracy
Voltage (AC)	100 mV to 400 V	0.050%	100 mV to 300 V	0.050%	100 nV to 750 V	0.050%
Voltage (DC)	100 mV to 600 V	0.0035%	100 mV to 300 V	0.003%	100 nV to 1010 V	0.0025%
Current (AC)	100 µA to 2 A	0.10%	100 µA to 1 A	0.10%	100 pA to 10.1 A	0.10%
Current (DC)	1 µA to 2 A	0.05%	1 µA to 1 A	0.05%	10 pA to 10.1 A	0.02%
Resistance	100 Ω to 1000 MΩ	0.01%	100 Ω to 1000 MΩ	0.004%	1 µΩ to 120 MΩ	0.0075%
Frequency	3 Hz to 300 kHz	0.01%	3 Hz to 300 kHz	0.007%	3 Hz to 300 kHz	0.009%
Capacitance	1 nF to 100 µF	2%	1 nF to 100 µF	0.40%	0.1 pF to 120 µF	0.40%
General						
Signal Conditioning	✓		✓		✓	
Direct Logging to USB Drive	✓		✓		✓	
Web Interface	✓		✓		✓	
Relay Switch Count	✓		✓		✓	
Alarms	✓		✓		✓	
Software	DAQ-Data logger		BenchVue DAQ		KickStart	
Display Size	4.3" LCD		4.3" LCD		5" multi-touch display	
Communication Interfaces	LAN, USB (USBTMC/VCP), Micro-GPIB (optional)		LAN (LXI), USB (USBTMC/VCP), Micro-GPIB (optional)		LAN (LXI), USB-TMC, optional: GPIB, RS232, TSP-Link	
Number of Modules Available	7		9		12	

Technical data subject to change © B&K Precision Corp. 2025.

DAQ970A & DAQ6510 Series list prices as of 10-16-2025

*Price shown includes list price + tariff surcharge.

Source: keysight.com