

Performance Comparison

Brand	Picotest	Agilent	Keithley
Model (6 1/2 digit)	M3500A	34401	2000
DCV (23°C±1°C) 24 Hr accuracy (±% of reading +% of range) 10.00000V	0.0015+0.0004	0.0015+0.0004	0.0015+0.0004
ACV (23°C±1°C) 24 Hr accuracy (±% of reading +% of range) 1 ~ 750V 10-20KHz	0.04+0.02	0.04+0.02	0.05+0.03 (90 days accuracy)
Resistance (23°C±1°C) 24 Hr accuracy (±% of reading +% of range) 10KΩ	0.0020+0.0005	0.0020+0.0005	0.0020+0.0006
Display	Dual displays with 3 colors	Single color display	Single color display
Current Frequency Measurement	YES	N/A	N/A
System Speeds	2000/s (4 1/2 digit)	1000/s (4 1/2 digit)	2000/s (4 1/2 digit)
Temp. Measurement	RTD, Thermocouple	N/A	Thermocouple (J,K, and T)
Internal Storage	2000 Readings	512 Readings	1024 Readings
Scanner Card	10 Channels (support different function measure)	N/A	20 Channels (only support single function measure)
Remote Control Interface	USB/GPIB (option)	GPIB/RS-232C	GPIB/RS-232C
PLC at fast 6 1/2	1 PLC	10 PLC	1 PLC
Digital Filter	YES	N/A	YES
RATIO Function (dcv:dcv)	YES	YES	N/A
% Math Function	YES	N/A	YES
MX+B Math Function	YES	YES	N/A