

TH1961、Agilent 34401A、Keithley 2000

6 1/2 Digit Multimeter Comparison Table

Model No.		TH1961		Agilent 34401A		Keithley 2000	
Reading Rate	Fast	45	Display ON AutoZero ON	1000	Display OFF AutoZero OFF	2000	Display OFF AutoZero OFF
	Medium	13		300		270	
	Slow	1.6		5		5	
				1.7	Display ON AutoZero ON	1.6	Display ON AutoZero ON
Max. Reading		1, 199, 999		1, 199, 999		1, 199, 999	
Display Type		VFD, Single Display		VFD, Single Display		VFD, Single Display	
DCV	Range	100mV—1000V		100mV—1000V		100mV—1000V	
	Accuracy	0.0035%+0.0005%		0.0035%+0.0005%		0.0030%+0.0005%	
	Resolution	0.1μV		0.1μV		0.1μV	
ACV	Range	100mV—750V		100mV—750V		100mV—750V	
	Accuracy	0.05%+0.03%		0.06%+0.03%		0.05%+0.03%	
	Resolution	0.1μV		0.1μV		0.1μV	
	Bandwidth	10Hz—300kHz		3Hz—300kHz		3Hz—300kHz	
DCI	Range	10mA—3A		10mA—3A		10mA—3A	
	Accuracy	0.05%+0.004%		0.05%+0.005%		0.05%+0.004%	
	Resolution	10nA		10nA		10nA	
ACI	Range	10mA—3A		1A—3A		1A—3A	
	Accuracy	0.05%+0.03%		0.1%+0.04%		0.1%+0.04%	
	Resolution	10nA		1μA		1μA	
	Bandwidth	10Hz—10kHz		3Hz—5kHz		3Hz—5kHz	
Resistance	Range	100 Ω —100M Ω		100 Ω —100M Ω		100 Ω —100M Ω	
	Accuracy	0.01%+0.001%		0.01%+0.001%		0.01%+0.001%	
	Resolution	100 μ Ω		100 μ Ω		100 μ Ω	
	Ω 4W	✓		✓		✓	
Frequency	Range	5Hz—1MHz		3Hz—300kHz		3Hz—500kHz	
	Accuracy	0.005%		0.01%		0.01%	
	Resolution	1μHz		1μHz		1μHz	
Diode/Continuity		✓		✓		✓	
Math function	Data Hold	✓		✓		✓	
	Relative	✓		✓		✓	
	DC:DC	×		✓		×	
	mX+b	✓		×		✓	
	MIN/MAX	×		✓		×	
	HI/IN/LO	✓		✓		✓	
	%	✓		×		✓	
	dB/dBm	✓		✓		✓	
	Store & Stat	MIN/MAX/AVER/STD		×		MIN/MAX/AVER/STD	
Setup File Save/Load		✓		×		×	
Interface	RS232C	✓		✓		✓	
	GPIB	✓ (Optional)		✓		✓	