

TH1951、Fluke45、Escort3146A、UT805 Comparison Table

Model No.		TH1951	Fluke 45	Escort 3146A KENWOOD DL2000	UT805
Reading Rate	Fast	45	20	22	-----
	Medium	24	5	5.5	-----
	Slow	3.7	2.5	2.2	2
Max. Reading	Fast	11, 999	3, 000	3, 999	-----
	Medium	119, 999	30, 000	39, 999	-----
	Slow	119, 999	99, 999	119, 999	220, 000
Display Type		VFD, Single Display Keythley2000,Agilent34401	VFD, Dual Display	VFD, Dual Display	VFD, Dual Display
DCV	Range	120mV—1000V	100mV—1000V	120mV—1000V	200mV—1000V
	Accuracy	0.01%+4	0.02%+6	0.012+5	0.006%+2
	Resolution	1μV	1μV	1μV	1μV
ACV	Range	120mV—750V	100mV—750V	120mV—750V	200mV—750V
	Accuracy	0.1%+100	0.2%+100	0.2%+100	0.1%+100
	Resolution	1μV	1μV	1μV	1μV
	Bandwidth	10Hz—100kHz	20Hz—100kHz	20Hz—100kHz	40Hz—100kHz
DCI	Range	12mA—12A	10mA—10A	12mA—12A	2mA—10A
	Accuracy	0.05%+4	0.05%+5	0.05%+5	0.03%+10
	Resolution	0.1μA	0.1μA	0.1μA	0.01μA
ACI	Range	12mA—12A	10mA—10A	12mA—12A	2mA—10A
	Accuracy	0.25%+80	0.5%+100	0.5%+100	0.3%+100
	Resolution	0.1μA	0.1μA	0.1μA	0.01μA
	Bandwidth	10Hz—10kHz	20Hz—20kHz	20Hz—10kHz	40Hz—5kHz
Resistance	Range	120 Ω —120M Ω	100 Ω —100M Ω	120 Ω —120M Ω	2k Ω —20M Ω
	Accuracy	0.03%+4	0.05%+8	0.06%+8	0.01%+5
	Resolution	1m Ω	1m Ω	1m Ω	10m Ω
	Ω 4W	✓	✓	✓	✗
Frequency	Range	10Hz—1MHz	1kHz—1MHz	1.2kHz—1MHz	6kHz—60MHz
	Accuracy	0.005%+2	0.05%+1	0.005%+2	0.1%+3
	Resolution	10μHz	0.01Hz	0.01Hz	1Hz
Diode/Continuity		✓	✓	✓	✓
Capacitance		✗	✗	✗	✓
Math function	Data Hold	✓	✓	✓	✓
	Relative	✓	✓	✓	✓
	mX+b	✓	✗	✗	✗
	MIN/MAX	✗	✓	✓	✓
	HI/IN/LO	✓	✓	✓	✗
	%	✓	✓	✓	✗
	dB/dBm	✓	✓	✓	✗
	Store & Stat	MIN/MAX/AVER/STD	✗	✗	MIN/MAX/AVER
Setup File Save/Load		✓	✗	✗	✗
Interface	RS232C	✓	✓	✓	✓
	GPIB	✓ (Optional)	✓ (Optional)	✓ (Optional)	✗
	USB	✗	✗	✗	✓