



EK-F596 Digital Multimeter



Product Function

Measurement of AC voltage true effective value (TRMS), DC voltage, AC current true effective value (TRMS), DC current, resistance, capacitance, continuity test, forward voltage drop of diode , etc.

Product features

1. Adopt with single-chip microcomputer management, all functions have overload protection.
2. Equipped with backlight, which is convenient for the user to read the measured value in dark place.
3. With automatic shutdown, data hold and other functions.

Technical Specification

Voltage Measurement	Range: DC200mV, 2V, 20V, 200V, 1kV, 2kV	$\pm(0.5\%+5)$
	Range: AC 200mV, 2V, 20V, 200V, 700V, 2000V	$\pm(0.8\%+5)$
Current Measurement	Range: DC 200uA, 2mA, 20mA, 200mA	$\pm(0.8\%+5)$
	Range:AC 20mA, 200mA	$\pm(1\%+5)$
Resistance Measurement	Range: 200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω , 20M Ω	$\pm(1\%+5)$
Capacitance Measurement	Range: 20nF, 200nF, 2 μ F, 20 μ F, 200 μ F, 2000uF	$\pm(3\%+10)$
Power Supply	9V DC 6F22X1PCS alkaline dry battery	
Display Screen	60mmX50mm; Max display: 1999	
Frequency Range	40Hz~1kHz	
Backlight	Yes	
Data Hold	Yes	
Continuity Measurement	Yes	
Sampling Rate	2 .5 times, s	
Automatic Shutdown	Automatic shutdown after starting up 15 minutes without any operation	
Overflow Display	Over range overflow function: the highest digit display "OL"	
Overload Protection	Yes	
Input Impedance	10M Ω	
Battery Voltage	When battery power indicate  symbol, remind to replace the battery	
Line Voltage	Measuring the voltage to ground: Below AC 600V	
Meter Weight	About 680g(include accessories)	
Meter Dimensions	180mmX85mmX42mm	
Operating Temperature & Humidity	0 $^{\circ}$ C- 40 $^{\circ}$ C RH<75%	
Store Temperature & Humidity	-10 $^{\circ}$ C- 50 $^{\circ}$ C RH<80%	
Accessories	Meter:1PCS; Probe: 1set; Tool bag: 1PCS; 6F22 9V battery: 1PCS; 200mA fuse tube: 1PCS	

