



EK-F594 Digital Multimeter



Product Function

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

Product features

1. Portable 3 5/6 bit automatic range digital multimeter, compact in structure, easy to operate and portable, which is an ideal tool for electronic measurement.
2. Equipped with backlight, which is convenient for the user to read the measured value in dark place.
3. With automatic shutdown, data hold, frequency and duty ratio measurement and other functions.

Technical Specification

Voltage Measurement	Range:DC 6V, 60V, 600V, 1000V	$\pm (0.5\%+5)$
	Range:AC 6V, 60V, 600V, 1000V	$\pm (1.2\%+5)$
Current Measurement	Range:DC 600uA, 6000uA, 60mA, 600mA, 6A, 10A	$\pm (1\%+5)$
	Range:AC 600uA, 6000uA, 60mA, 600mA, 6A, 10A	$\pm (1\%+5)$
Resistance Measurement	Range:DC 600 Ω , 6k Ω , 60k Ω , 600k Ω , 6M Ω , 60M Ω	$\pm (0.8\%+5)$
Capacitance Measurement	Range:10nF, 100nF, 1uF, 10uF, 100uF, 1000uF, 10mF	$\pm (3\%+30)$
Frequency Measurement	Range:10Hz, 100Hz, 1kHz, 10kHz, 100kHz, 1000kHz, 10MHz	$\pm (0.5\%+3)$
Temperature Measurement	Range: -20 $^{\circ}$ C~1000 $^{\circ}$ C	$\pm(1.2\%+4)$
Power Supply	3V DC LR03X2PCS alkaline dry battery	
Display Screen	58mmX31mm; Max display: 6000	
Backlight	Yes	
Data Hold	Yes	
Continuity Measurement	Yes	
Diode Forward Voltage Drop	Yes	
Automatic Shutdown	Automatic shutdown after starting up 15 minutes without any operation	
Overflow Display	Over range overflow function: "OL" symbol display	
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 396g(include accessories)	
Meter Dimensions	178mmX85mmX35mm	
Operating Temperature & Humidity	-20 $^{\circ}$ C- 40 $^{\circ}$ C RH<75%	
Store Temperature & Humidity	-10 $^{\circ}$ C- 50 $^{\circ}$ C RH<80%	
Accessories	Meter:1PCS; Probe: 1set; Temperature probe: 1PCS; LR03 3V battery: 2PCS	

