



EK-F593 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 1/2 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, flashlight and other functions.

Technical Specification

Voltage Measurement	DC200mV, 2V, 20V, 200V, 600V	$\pm(0.5\%+5)$
	AC 2V, 20V, 200V, 600V	$\pm(0.5\%+5)$
Current Measurement	DC200uA, 2000A, 20mA, 600mA, 6A, 10A	$\pm(1.2\%+5)$
	AC200uA, 2000A, 20mA, 200mA, 6A, 10A	$\pm(1.5\%+5)$
Resistance Measurement	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω	$\pm(0.8\%+5)$
Capacitance Measurement	20nF, 200nF, 2uF, 20uF, 200uF, 2mF	$\pm(3\%+5)$
Frequency Measurement	200Hz, 2kHz, 20kHz, 200kHz, 2MHz, 20MHz, 20MHz	$\pm(0.5\%+3)$
Temperature Measurement	Range: 0 $^{\circ}$ C~1000 $^{\circ}$ C	$\pm(1.2\%+4)$
Power Supply	DC3V LR03X2PCS alkaline dry battery	
Display Screen	46mmX25mm; Max display: 1999	
Backlight	Yes	
Data Hold	Yes	
Continuity Measurement	Yes	
Diode Forward Voltage Drop	Yes	
Fuse tube	F 200mA, 10A (dimension $\Phi 3.8 \times 10$ mm)	
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	Circuit test below AC 600V	
Meter Weight	About 365g(include accessories)	
Meter Dimensions	152mmX73mmX48mm	
Working Temperature & Humidity	0 $^{\circ}$ C~ 40 $^{\circ}$ C RH<75%	
Store Temperature & Humidity	-10 $^{\circ}$ C~50 $^{\circ}$ C RH<80%	
Accessories	Meter:1PCS; Pen Probe: 1set; Temperature probe: 1PCS; 200mA fuse tube: 1PCS; 10 Fuse tube: 1PCS; LR03 battery: 2PCS	

