



EK-F591 Intelligent Digital Multimeter



Product Function

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

Product features

1. The portable 6000-count automatic range digital multimeter is compact in structure, easy to operate and convenient to carry. It is an ideal tool for electrical and electronic measurements.
2. Equipped with large LCD display, which is convenient for the user to read the measured value in dark place.
3. With automatic shutdown, data hold and a lighting lamp function.

Technical Specification

Voltage Measurement	Range: DC 6V, 60V, 600V, 1000V	$\pm(0.8\%+3)$
	Range: AC 6V, 60V, 600V, 750V	$\pm(1.0\%+3)$
Resistance Measurement	Range: 600 Ω , 6k Ω , 60k Ω , 600k Ω , 6M Ω , 60M Ω	$\pm(1.2\%+3)$
Capacitance Measurement	Range: 6nF, 60nF, 600nF, 6 μ F, 60 μ F, 600 μ F, 6mF	$\pm(3\%+5)$
Frequency Measurement	Range: 6Hz, 60Hz, 600Hz, 6kHz, 60kHz, 600kHz, 6Mhz	$\pm(0.1\%+3)$
Thermometry	Range: 0 $^{\circ}$ C~1000 $^{\circ}$ C	$\pm(5.0\%+4)$
Power Supply	DC3V Alkaline dry battery (LR03 1.5VX2PCS)	
Display Screen	52mmX67mm; Max display: 5999	
NCV Function	Yes	
Backlight	Yes	
Data Hold	Yes	
Continuity Measurement	Yes	
Diode Measurement	Yes	
Automatic Shutdown	Automatic shutdown after starting up 14 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	
Meter Weight	About 146g(include accessories)	
Meter Dimensions	142mmX70mmX20mm	
Operating Temperature & Humidity	0 $^{\circ}$ C- 40 $^{\circ}$ C RH<75%	
Store Temperature & Humidity	-10 $^{\circ}$ C- 60 $^{\circ}$ C RH<80%	
Accessories	Meter:1PCS; Probe: 1set; Temperature probe: 1PCS; Tool bag: 1PCS; LR03 battery: 2PCS	

