



EK-G645 Clamp Multimeter



Product Function

Measurement of DC current and voltage, AC current & voltage true RMS, resistance, surge, capacitance, frequency, on-off test, temperature, diode forward voltage drop and others parameters.

Product features

1. The perfect combination of clamp meter and multimeter, adopt the high performance and new type MCU processor, convenient to carry, which is an ideal tool for electrical measurement.
2. Current range AC/DC: 1200A, CT size: 52mm, can measure the effective value of surge current with a period of 80mS, accurate temperature measurement function of -50~1000°C.

Technical Specification

General features		
Power Supply	DC9V, Alkaline dry battery(6F22 - 9V)	
Meter Weight	0.6kg (with accessories)	
Meter Dimensions	249X89X38mm	
Accessories	Tester: 1pcs; Pen probe: 1set; Temperature sensor: 1set; Meter Bag: 1pcs; 6F22 battery: 1pcs	
Basic function		
DC Voltage	400mV/4V/40V/400V/1000V	±(0.8%+2)
AC Voltage	400mV/4V/40V/400V/1000V	±(1.2%+5)
DC Current	10A/400A/1200A	±(2%+5)
AC Current	4A/40A/400A/1200A	±(2%+10)
Resistance	400Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	±(1%+3)
Capacitance	10nF/100nF/1uF/10uF/100uF/1000uF/10mF	±(3%+20)
Frequency	10Hz/100Hz/1kHz/10kHz/100kHz/1MHz/10MHz/40MHz	±(0.5%+3)
Temperature	-50°C~1000°C	±(1%+4)
Special function		
Auto Range	√	
Manual Range	√	
AC Conversion Type	True RMS	
Input Protection	√	
Auto Shutdown	Approx. 10 minutes, can be set and cancel auto shutdown function	
Diode Test	Can measure the LED work voltage below 3V	
Duty Ratio Measurement	√	
Voltage Frequency Measurement	√	
NCV (Live line) Measurement	√	
Short Circuit Buzzer	√	
Low Voltage Indicator	√	
Input Impedance	Approx. 10MΩ	
Data Hold	√	
Surge Signal Measurement	√	
CT Size	Φ52mm	

