



EK-G642/G642B Clamp Multimeter

Product Features

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

Product Function

1. The perfect combination of clamp meter and multimeter, compact structure, easy to operate, convenient to carry, which is an ideal tool for electrical measurement.
2. Current range: AC 600A, CT size: 27mm. The capacitance measuring range is extended to 10mF and the measuring speed of large capacitance is fast.

Technical Specification

Model	EK-G642		EK-G642B	
				
DC Voltage	400mV/4V/40V/400V/600V	$\pm(0.5\%+5)$	400mV/4V/40V/400V/600V	$\pm(0.5\%+5)$
AC Voltage	4V/40V/400V/600V	$\pm(1.2\%+5)$	400mV/4V/40V/400V/600V	$\pm(1.2\%+5)$
DC Current	/	/	400A/600A	$\pm(2\%+10)$
AC Current	4A/40A/400A/600A	$\pm(2\%+10)$	400A/600A	$\pm(2\%+10)$
Power Supply	DC3V alkaline dry battery (LR03 1.5V X2PCS)			
Resistance	100Ω/4kΩ/40kΩ/400kΩ/4MΩ/40MΩ	$\pm(1\%+5)$		
Capacitance	10nF/100nF/1uF/10uF/100uF/1000uF/10mF	$\pm(3\%+5)$		
Frequency	100Hz/1kHz/10kHz/100kHz/1MHz/10mHz/40MHz	$\pm(0.5\%+3)$		
Temperature	-50°C~1000°C	$\pm(1\%+4)$		
Auto Range	√			
Manual Range	√			
AC Conversion Type	true RMS			
Input Protection	√			
Auto Shutdown	about 10 minutes, can be set and cancel auto shutdown function			
Diode Test	Can measure the LED work voltage below 3V			
Duty Ratio Measurement	√			
NCV (Live line) Measurement	√			
Short Circuit Buzzer	√			
*Surge Current	√(Only for B model)			
Low Voltage Indicator	√			
Input Impedance	About 10MΩ			
Data Hold	√			
Blue Backlight	√			
CT Size	Φ27mm			
Meter Weight	0.4kg (with battery)			
Meter Dimensions	213X80X35mm			
Accessories	Meter: 1pcs; Pen probe: 1set; Temperature sensor: 1pcs; Tester Bag: 1pcs; LR03 battery: 2PCS			

