

Digital Clamp Meter



GCM-407



FEATURES

- * True RMS Measurement
- * AC 600A/750V, DC 1000V Max Input
- * Auto Range Except Current Measurement
- * Auto Power Off
- * Capacitance Measurement
- * Non-Contact Voltage sensing function
- * Max. Clamp Size : \varnothing 30mm

The GCM-407 is a digital clamp meter with true RMS measurement. Tapered jaws, a wide range (AC 600A/750V, DC 1000V max input), capacitance measurement as well as non-contact voltage sensing function and the ability to keep MAX/MIN or hold data and automatically power down make the GCM-407 suitable for almost any cable measurement task.

SPECIFICATIONS	
ACV	
Range	6V, 60V, 600V, 750V
Resolution	0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(1.2 + 5) \sim \pm(1.5 + 5)$
Input Impedance	$\cong 10M\Omega$
Frequency Response	40~400Hz
ACA	
Range	6A, 60A, 600A
Resolution	0.001A, 0.01A, 0.1A
Accuracy	$\pm(2.5 + 5) \sim \pm(2.5 + 30)$
Frequency Response	50~60Hz
DCV	
Range	600mV, 6V, 60V, 600V, 1000V
Resolution	0.1mV, 0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(0.8 + 1) \sim \pm(1.0 + 8)$
Input Impedance	$\cong 10M\Omega$
OHM	
Range	600 Ω , 6k Ω , 60k Ω , 600k Ω , 6M Ω , 60M Ω
Resolution	0.1 Ω , 0.001k Ω , 0.01k Ω , 0.1k Ω , 0.001M Ω , 0.01M Ω
Accuracy	$\pm(1.0 + 2) \sim \pm(1.5 + 5)$
DIODE	
Range	6V
Resolution	0.001V
Open-circuit Voltage	Approx. 3.3V
CONTINUITY	
Range	600 Ω
Resolution	0.1 Ω
Accuracy	The buzzer turns on for resistance lower than 30 Ω
Open-circuit Voltage	Approx. 1.2V
CAPACITANCE	
Range	99nF, 999nF, 9 μ F, 99 μ F, 999 μ F, 9mF, 59mF
Resolution	0.01nF, 0.1nF, 0.001 μ F, 0.01 μ F, 0.1 μ F, 0.001mF, 0.01mF
Accuracy	$\pm(4.0 + 5) \sim \pm 10$
NCV (Non-Contact Voltage)	
Range	< 10mm
Accuracy	AC Voltage only
OTHER FUNCTION	
Data Hold, MAX/MIN, REL, Backlight, Flashlight	
LCD DISPLAY	
Liquid crystal display : Displays 6000 counts maximum.	
CLAMP OPENING DIAMETER	
\varnothing 30mm Maximum	
POWER SOURCE	
3 AAA 1.5V zinc manganese batteries	
DIMENSIONS & WEIGHT	
228 (L) x 77 (W) x 41 (H) mm; Approx. 265g (inclusive of the battery)	

ORDERING INFORMATION

GCM-407 Digital Clamp Meter with True RMS Measurement

ACCESSORIES :
User manual x 1, Test leads, Carrying case