

Digital Clamp Meter



GCM-403



FEATURES

- * AC/DC 600A/600V Max Input
- * Auto Range, Auto Power Off
- * Capacitance Measurement
- * Frequency Measurement
- * Temperature Measurement
- * Max. Clamp Size : \varnothing 28mm

The GCM-403 is digital clamp meter can measure AC/DC voltage, AC/DC current, resistance, diodes, continuity, capacitance, frequency and temperature. Tapered jaws, auto range, data hold, REL function and auto power off which makes it a superb tool for electricians.

SPECIFICATIONS	
ACV	
Range	4V, 40V, 400V, 600V
Resolution	0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(1.0 + 5) \sim \pm(1.2 + 5)$
Input Impedance	$\geq 10M\Omega // 100pF$ at least
Frequency Response	40-400Hz
ACA	
Range	40A, 600A
Resolution	0.01A, 0.1A
Accuracy	$\pm(2.5 + 5) \sim \pm(2.5 + 8)$
Frequency Response	50-60Hz
DCV	
Range	400mV, 4V, 40V, 400V, 600V
Resolution	0.1mV, 0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(0.8 + 1) \sim \pm(1.0 + 3)$
Input Impedance	$\geq 10M\Omega$
DCA	
Range	40A, 600A
Resolution	0.01A, 0.1A
Accuracy	$\pm(2.0 + 5)$
OHM	
Range	400 Ω , 4k Ω , 40k Ω , 400k Ω , 4M Ω , 40M Ω
Resolution	0.1 Ω , 0.001k Ω , 0.01k Ω , 0.1k Ω , 0.001M Ω , 0.01M Ω
Accuracy	$\pm(1.0 + 2) \sim \pm(1.5 + 2)$
DIODE	
Range	4V
Resolution	0.001V
Open-circuit Voltage	Approx. 1.48V
CONTINUITY	
Range	400 Ω
Resolution	0.1 Ω
Accuracy	The buzzer turns on for resistance lower than 10 Ω
Open-circuit Voltage	Approx. 0.45V
CAPACITANCE	
Range	40nF, 400nF, 4 μ F, 40 μ F, 100 μ F
Resolution	0.01nF, 0.1nF, 0.001 μ F, 0.01 μ F, 0.1 μ F
Accuracy	$\pm(4.0 + 3) \sim \pm(5.0 + 10)$
FREQUENCY	
Range	10Hz, 100Hz, 1kHz, 10kHz, 100kHz, 1MHz, 10MHz
Resolution	0.001Hz, 0.01Hz, 0.1Hz, 1Hz, 10Hz, 100Hz, 1kHz
Accuracy	$\pm(4.0 + 3) \sim \pm(5.0 + 10)$
TEMPERATURE (°C only)	
Range	-40°C ~ 1000°C
Accuracy	$\pm(2.5 + 3) \sim \pm(8.0 + 5)$
OTHER FUNCTION	
Data Hold, REL	
LCD DISPLAY	
Liquid crystal display : Displays 4000 counts maximum.	
CLAMP OPENING DIAMETER	
28mm Maximum	
POWER SOURCE	
9V battery (16F22)	
DIMENSIONS & WEIGHT	
210 (L) x 76 (W) x 30 (H) mm; Approx. 260g	

ORDERING INFORMATION

GCM-403 Digital Clamp Meter
ACCESSORIES :
User manual x 1, Test leads, Temperature probe

Digital Clamp Meter



GCM-407



FEATURES

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

The GCM-407 is digital clamp meter with true RMS measurement. Featuring 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	$\geq 10M\Omega$
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	$\geq 10M\Omega$
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	
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