

Digital Clamp Meter



GCM-403



FEATURES

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

The GCM-403 is a digital clamp meter, which 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 make 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	$\cong 10M \Omega // 100pF$ at least
Frequency Response	40-400Hz
ACA	
Range	40A, 600A
Resolution	0.01A, 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	$\cong 10M \Omega$
DCA	
Range	40A, 600A
Resolution	0.01A, 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 ($^{\circ}$C only)	
Range	-40 $^{\circ}$ C ~ 1000 $^{\circ}$ 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	
\varnothing 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, Carrying case