



GCM-302



FEATURES

- * Auto Range
- * Auto Power Off
- * Max Hold
- * 600A/600V Max Input
- * Mini Size
- * High Accuracy
- * MAX Clamp Size : $\varnothing 30\text{mm}$

The GCM-302 mini clamp meter is aimed at small to medium-sized cable measurements. Tapered jaws, slim profile, and a light 200g weight allow reaching cables in tight places. Additional features, such as Auto Ranging, Auto Power Off, Max Hold and Maximum Load let professionals focus on the target application while the GCM-302 takes care of the measuring.

SPECIFICATIONS

ACA	
Range	200A, 600A
Resolution	0.1A, 1A
Accuracy	$\pm(1.9\% \text{rdg} + 5 \text{dgts}) \sim \pm(1.9\% \text{rdg} + 10 \text{dgts})$
Frequency	50Hz~500Hz
ACV	
Range	2V, 20V, 200V, 600V
Resolution	0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(1.5\% \text{rdg} + 5 \text{dgts}) \sim \pm(1.5\% \text{rdg} + 10 \text{dgts})$
Input Impedance	Approx.11M Ω ~Approx.10M Ω
Frequency	40Hz~500Hz
DCV	
Range	200mV, 2V, 20V, 200V, 600V
Resolution	0.1mV, 0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(0.7\% \text{rdg} + 3 \text{dgts}) \sim \pm(1.3\% \text{rdg} + 3 \text{dgts})$
Impedance	Approx.11M Ω ~Approx.10M Ω
Ohm	
Range	200 Ω , 2k Ω , 20k Ω , 200k Ω , 2M Ω , 20M Ω
Resolution	0.1 Ω , 0.001k Ω , 0.01k Ω , 0.1k Ω , 0.001M Ω , 0.01M Ω
Accuracy	$\pm(1.5\% \text{rdg} + 5 \text{dgts}) \sim \pm(10\% \text{rdg} + 5 \text{dgts})$
Open-Loop Voltage	Approx.0.4V
DIODE	
Range	2V
Resolution	0.001V
Accuracy	$\pm(10\% \text{rdg} + 5 \text{dgts})$
Open-Loop Voltage	Approx.1.5V
BUZZER	
Range	200 Ω
Resolution	0.1 Ω
Accuracy	The buzzer turns on for resistances lower than 60 $\Omega \pm 20\Omega$
Open-Loop Voltage	0.4V
OPERATION TEMPERATURE / HUMIDITY	
0 $^{\circ}\text{C}$ ~50 $^{\circ}\text{C}$ (32 $^{\circ}\text{F}$ ~122 $^{\circ}\text{F}$)/Below 80% R.H. (No Condensation)	
STORAGE TEMPERATURE / HUMIDITY	
-10 $^{\circ}\text{C}$ ~60 $^{\circ}\text{C}$ (14 $^{\circ}\text{F}$ ~140 $^{\circ}\text{F}$)/Below 70% R.H. (No Condensation)	
DIMENSIONS & WEIGHT	
189(L) x 71(W) x 37(H) mm ; Approx. 200g(Including Batteries)	

ORDERING INFORMATION

GCM-302 Mini Clamp Meter

ACCESSORIES :

User manual x 1, Test leads, Carrying case