

GCM-302 & GCM-303 Specifications

The specifications apply when the GCM-302 & GCM-303 is powered on for at least 30 minutes under +20°C~+30°C.

ACA	
Range	200A, 600A
Resolution	0.1A, 1A
Accuracy	$\pm(1.9\% \text{reading} + 5 \text{digits}) \sim \pm(1.9\% \text{reading} + 10 \text{digits})$
Frequency	40Hz~500Hz
ACV	
Range	2V, 20V, 200V, 600V
Resolution	0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(1.5\% \text{reading} + 5 \text{digits}) \sim \pm(1.5\% \text{reading} + 10 \text{digits})$
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	$\pm(0.7\% \text{reading} + 3 \text{digits}) \sim \pm(1.3\% \text{reading} + 3 \text{digits})$
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	$\pm(1.5\% \text{reading} + 5 \text{digits}) \sim \pm(10\% \text{reading} + 5 \text{digits})$
Open-Loop Voltage	Approx.0.4V
DIODE	
Range	2V
Resolution	0.001V
Accuracy	$\pm(10\% \text{reading} + 5 \text{digits})$
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 TEMP./HUMIDITY	
	0°C~50°C (32°F~122°F)/Below 80% R.H.(No condensation)
STORAGE TEMP./HUMIDITY	
	-10°C~60°C (14°F~140°F)/Below 70% R.H.(No condensation)
DIMENSIONS & WEIGHT	
	189(L) × 71(W) × 37(H) mm
	Approx. 200g(Including Batteries)