

## 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.



GCM-302



GCM-303

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