

## GCM-403/ GDM-407 Specifications

The specifications apply when the GCM-403 / GDM-407 is powered on for at least 30 minutes under +20°C~+30°C.

	GCM-403	GCM-407
<b>ACV</b>		
Range	4V, 40V, 400V, 600V	6V, 60V, 600V, 750V
Resolution	0.001V, 0.01V, 0.1V, 1V	0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(1.0 + 5) \sim \pm(1.2 + 5)$	$\pm(1.2 + 5) \sim \pm(1.5 + 5)$
Input Impedance	$\geq 10M\Omega // 100pF$ at least	$\geq 10M\Omega$
Frequency Response	40~400Hz	40~400Hz
<b>ACA</b>		
Range	40A, 600A	6A, 60A, 600A
Resolution	0.01A, 1A	0.001A, 0.01A, 0.1A
Accuracy	$\pm(2.5 + 5) \sim \pm(2.5 + 8)$	$\pm(2.5 + 5) \sim \pm(2.5 + 30)$
Frequency Response	50~60Hz	50~60Hz
<b>DCV</b>		
Range	400mV, 4V, 40V, 400V, 600V	600mV, 6V, 60V, 600V, 1000V
Resolution	0.1mV, 0.001V, 0.01V, 0.1V, 1V	0.1mV, 0.001V, 0.01V, 0.1V, 1V
Accuracy	$\pm(0.8 + 1) \sim \pm(1.0 + 3)$	$\pm(0.8 + 1) \sim \pm(1.0 + 8)$
Input Impedance	$\geq 10M\Omega$	$\geq 10M\Omega$
<b>DCA</b>		
Range	40A, 600A	-
Resolution	0.01A, 1A	-
Accuracy	$\pm(2.0 + 5)$	-
<b>OHM</b>		
Range	400 $\Omega$ , 4k $\Omega$ , 40k $\Omega$ , 400k $\Omega$ , 4M $\Omega$ , 40M $\Omega$	600 $\Omega$ , 6k $\Omega$ , 60k $\Omega$ , 600k $\Omega$ , 6M $\Omega$ , 60M $\Omega$
Resolution	0.1 $\Omega$ , 0.001k $\Omega$ , 0.01k $\Omega$ , 0.1k $\Omega$ , 0.001M $\Omega$ , 0.01M $\Omega$	0.1 $\Omega$ , 0.001k $\Omega$ , 0.01k $\Omega$ , 0.1k $\Omega$ , 0.001M $\Omega$ , 0.01M $\Omega$
Accuracy	$\pm(1.0 + 2) \sim \pm(1.5 + 2)$	$\pm(1.0 + 2) \sim \pm(1.5 + 5)$
<b>DIODE</b>		
Range	4V	6V
Resolution	0.001V	0.001V
Open-circuit Voltage	Approx. 1.48V	Approx. 3.3V
<b>CONTINUITY</b>		
Range	400 $\Omega$	600 $\Omega$
Resolution	0.1 $\Omega$	0.1 $\Omega$
Accuracy	The buzzer turns on for resistance lower than 10 $\Omega$	The buzzer turns on for resistance lower than 30 $\Omega$
Open-circuit Voltage	Approx. 0.45V	Approx. 1.2V
<b>CAPACITANCE</b>		
Range	40nF, 400nF, 4uF, 40uF, 100uF	99nF, 999nF, 9uF, 99uF, 999uF, 9mF, 59mF
Resolution	0.01nF, 0.1nF, 0.001uF, 0.01uF, 0.1uF	0.01nF, 0.1nF, 0.001uF, 0.01uF, 0.1uF, 0.001mF, 0.01mF
Accuracy	$\pm(4.0 + 3) \sim \pm(5.0 + 10)$	$\pm(4.0 + 5) \sim \pm 10$
<b>FREQUENCY</b>		
Range	10Hz, 100Hz, 1kHz, 10kHz, 100kHz, 1MHz, 10MHz	-
Resolution	0.001Hz, 0.01Hz, 0.1Hz, 1Hz, 10Hz, 100Hz, 1kHz	-
Accuracy	$\pm(4.0 + 3) \sim \pm(5.0 + 10)$	-
<b>NCV (Non-Contact Voltage)</b>		
Distance	-	< 10mm
Sensing	-	AC Voltage only

TEMPERATURE (°C only)		
Range	-40°C ~ 1000°C	-
Accuracy	$\pm(2.5 + 3) \sim \pm(8.0 + 5)$	-
OTHER FUNCTION		
	Data Hold, REL	Data Hold, MAX/MIN, REL, Backlight, Flashlight
LCD DISPLAY		
	Liquid crystal display: Displays 4000 counts maximum.	Liquid crystal display: Displays 6000 counts maximum.
CLAMP OPENING DIAMETER		
	28mm Maximum	30mm Maximum
POWER SOURCE		
	9V battery (16F22)	3 AAA 1.5V zinc manganese batteries
DIMENSIONS & WEIGHT		
	210 (L) x 76 (W) x30 (H) mm; Approx. 260g	228 (L) x 77 (W) x41 (H) mm; Approx. 265g (inclusive of the battery)