

GOM-804 / GOM-805 Specifications

The specifications apply when the GOM-804 / GOM-805 is powered on for at least 30 minutes.



	GOM-804		GOM-805																																																
DISPLAY																																																			
	50,000 counts																																																		
SAMPLING RATE																																																			
Slow	10 readings / s																																																		
Fast	60 readings / s																																																		
RESISTANCE MEASUREMENT																																																			
<table><tr><th>Range</th><th>Resolution</th><th>Test Current</th><th>Accuracy</th></tr><tr><td>5mΩ</td><td>0.1μΩ</td><td>1A</td><td>± (0.1% of reading + 0.2% of range)</td></tr><tr><td>50mΩ</td><td>1μΩ</td><td>1A</td><td>± (0.1% of reading + 0.02% of range)</td></tr><tr><td>500mΩ</td><td>10μΩ</td><td>100mA</td><td>± (0.05% of reading + 0.02% of range)</td></tr><tr><td>5Ω</td><td>100μΩ</td><td>100mA</td><td>± (0.05% of reading + 0.02% of range)</td></tr><tr><td>50Ω</td><td>1mΩ</td><td>10mA</td><td>± (0.05% of reading + 0.02% of range)</td></tr><tr><td>500Ω</td><td>10mΩ</td><td>1mA</td><td>± (0.05% of reading + 0.008% of range)</td></tr><tr><td>5kΩ</td><td>100mΩ</td><td>100μA</td><td>± (0.05% of reading + 0.008% of range)</td></tr><tr><td>50kΩ</td><td>1Ω</td><td>100μA</td><td>± (0.05% of reading + 0.008% of range)</td></tr><tr><td>500kΩ</td><td>10Ω</td><td>10μA</td><td>± (0.05% of reading + 0.008% of range)</td></tr><tr><td>5MΩ – GOM-804</td><td>100Ω</td><td>1μA</td><td>± (0.2% of reading + 0.008% of range)</td></tr><tr><td>5MΩ – GOM-805</td><td>100Ω</td><td>1μA</td><td>± (0.5% of reading + 0.008% of range)</td></tr></table>				Range	Resolution	Test Current	Accuracy	5mΩ	0.1μΩ	1A	± (0.1% of reading + 0.2% of range)	50mΩ	1μΩ	1A	± (0.1% of reading + 0.02% of range)	500mΩ	10μΩ	100mA	± (0.05% of reading + 0.02% of range)	5Ω	100μΩ	100mA	± (0.05% of reading + 0.02% of range)	50Ω	1mΩ	10mA	± (0.05% of reading + 0.02% of range)	500Ω	10mΩ	1mA	± (0.05% of reading + 0.008% of range)	5kΩ	100mΩ	100μA	± (0.05% of reading + 0.008% of range)	50kΩ	1Ω	100μA	± (0.05% of reading + 0.008% of range)	500kΩ	10Ω	10μA	± (0.05% of reading + 0.008% of range)	5MΩ – GOM-804	100Ω	1μA	± (0.2% of reading + 0.008% of range)	5MΩ – GOM-805	100Ω	1μA	± (0.5% of reading + 0.008% of range)
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TEMPERATURE																																																			
Range	-50°C ~399.9°C																																																		
Accuracy	-10°C ~40°C : 0.3% ± 0.5°C ; Other : 0.3% ± 1.0°C																																																		
Resolution	0.1°C																																																		
DRY CIRCUIT																																																			
	-----	Open circuit less than 20mV; For 500mΩ, 5Ω, 50Ω range only																																																	
DRIVE MODE																																																			
DC+/DC-	DC+ only	Yes																																																	
Pulsed	-----	Yes																																																	
PWM	-----	Yes																																																	
Zero	-----	Yes																																																	
Standby (*)	Yes	Yes																																																	
OTHER FUNCTIONS																																																			
	Trigger – Internal, Manual, External; Math – ABS, REL, %, TC;																																																		
	Average 2 ~ 10 times; Measured delay; TC for Transformer																																																		
	Compare; Diode; Continuity beeper; Binning (only for GOM-805)																																																		

INTERFACE		
USB	Standard	Standard
RS-232C	Standard	Standard
HANDLER/SCAN/EXT I/O	Standard	Standard
GPIB	Option (factory installed)	Standard
GENERAL		
Display	3.5'(320 x 240) TFT LCD	
Memory	20 sets for panel setting	
Power Source	AC 100 - 240 V, 50/60Hz	
Consumption	25VA (max.)	
Dimension	223(W) x 102(H) x 283(D) mm	
Weight	Approx. 3kg(max.)	

(*) The Standby function must be collocated with the new PCB hardware; it is not applicable to sold instruments.