



**GOM-802**

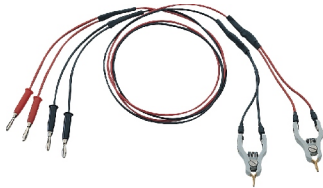


**FEATURES**

- \* 30000 Counts Display
- \* High Accuracy 0.05%
- \* Hi/Lo Comparator and Limit Percent Setting
- \* Measurement of REL, Actual and % Value
- \* Continuous or Triggered Measurement Mode
- \* Temperature Compensation and Measurement
- \* Four-Terminal Measurement Technique
- \* Auto-Recall Last Setting After Power OFF and ON Again
- \* Alarm Setting for PASS/FAIL
- \* Scan, Handler Interface (Standard)
- \* Manual or Autoranging
- \* RS-232C+GPIB (Option)

**GTL-108A**

For: GOM-801H/802, GDM-8255/8251



**PT-100**

Temperature Probe  
For: GOM-802



**Rear Panel**



The GOM-802 milliohm meter is designed for components and material impedance measurements at laboratories and other test environments. Deep 30,000 counts display and superb accuracy at minimum 0.05% gives reliability and flexibility required in high demanding measurement applications. Auto ranging, built-in comparator offering Hi-Lo testing and Limit Percent setting, and Go/NoGo testing reduce the effort for complex testing setup. Display selections of Relative, Actual, and % value give results view from multiple angles. The four independent terminals, separating connections for different applications, eliminate lead resistance and achieve much faster measurement than traditional bridge techniques.

SPECIFICATIONS	
<b>DISPLAY</b>	
Display	30,000 counts
<b>RESISTANCE</b>	
Ranges/Test Current (Fixed)	30mΩ /1A    300mΩ/100mA    3Ω/100mA
	30Ω /10mA    300Ω/1mA    3kΩ/100μA
	30kΩ /100μA    300kΩ/10μA    3MΩ/1μA
Accuracy	30mΩ: ±0.1% reading + 6 digits 300mΩ: ±0.05% reading + 6 digits 3Ω: ±0.05% reading + 3 digits 30Ω~3MΩ: ±0.05% reading + 2 digits
Resolution	1 μΩ, 10 μΩ, 100 μΩ, 1mΩ, 10mΩ, 100mΩ, 1Ω, 10Ω, 100Ω
<b>TEMPERATURE</b>	
Ranges	-50 °C ~ 100 °C
Accuracy	-10 °C ~ 40 °C : 0.3% + 0.5 °C    other : 0.3% + 1.0 °C
Resolution	0.1 °C
<b>FUNCTION</b>	
Function	Hi/Lo, Go/No-Go, Manual Trigger, Actual, %, Diode, Temp, TC for Transformer
<b>MEASURING RATE</b>	
Measuring Rate	7 measuring / sec at 30,000 counts, 30 measuring / sec at 3,000 counts
<b>MEMORY</b>	
Memory	20 sets
<b>INTERFACE</b>	
Interface	Standard : Handler / Scan (same connector) Option : RS-232C+GPIB
<b>POWER SOURCE</b>	
Power Source	AC 100/120/220/230V ±10%
<b>DIMENSIONS &amp; WEIGHT</b>	
Dimensions & Weight	251 (W) x 91 (H) x 291 (D)mm, Approx. 3kg

ORDERING INFORMATION	
<b>GOM-802</b>	High Precision Programmable DC Milli-Ohm Meter
<b>ACCESSORIES :</b> User manual x 1, Power cord x 1, GTL-108A x 1	
<b>Option</b>	
Opt.01	RS-232C + GPIB Interface ( Factory Installed )
<b>Optional Accessories</b>	
<b>PT-100</b>	Platinum Temperature Probe
<b>GTL-232</b>	RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer