



## 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 Before Power OFF
- \* Alarm Setting for PASS/FAIL
- \* Scan, Handler Interface (Standard)
- \* Manual or Autoranging
- \* RS-232C+GPIB (Option)

## GTL-108A Test Lead

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



## PT-100 Temperature Probe

For: GOM-802



## Rear Panel



The GOM-802 milliohm meter is designed for component and material impedance measurements in laboratories and other test environments. A large display with 30,000 counts and a superb accuracy of up to 0.05% gives the reliability and flexibility required in demanding measurement applications. Features such as Auto ranging, a built-in comparator offering Hi-Lo testing, a Limit Percent setting, and Go/NoGo testing reduce the effort for complex testing setups. Displayed selections of Relative, Actual, and % Value show results viewed from multiple perspectives. The GOM-802 supports 4 Wire Kelvin resistance measurements for faster accurate results. For an accurate, sophisticated, affordable milliohm meter, the GOM-802 is the right choice.

## SPECIFICATIONS

DISPLAY										
	30,000 counts									
RESISTANCE										
Ranges/Test Current (Fixed)	<table><tr><td>30mΩ /1A</td><td>300mΩ/100mA</td><td>3Ω /100mA</td></tr><tr><td>30Ω /10mA</td><td>300 Ω/1mA</td><td>3kΩ /100μA</td></tr><tr><td>30kΩ /100μA</td><td>300kΩ/10μA</td><td>3MΩ/1μA</td></tr></table>	30mΩ /1A	300mΩ/100mA	3Ω /100mA	30Ω /10mA	300 Ω/1mA	3kΩ /100μA	30kΩ /100μA	300kΩ/10μA	3MΩ/1μA
30mΩ /1A	300mΩ/100mA	3Ω /100mA								
30Ω /10mA	300 Ω/1mA	3kΩ /100μA								
30kΩ /100μA	300kΩ/10μA	3MΩ/1μA								
Accuracy	30mΩ : ±0.1% reading + 6 digits 300mΩ : ±0.05% reading + 6 digits 3 Ω: ±0.05% reading + 3 digits 30Ω ~ 3MΩ : ±0.05% reading + 2 digits									
Resolution	1 μΩ , 10 μΩ , 100 μΩ , 1mΩ, 10mΩ, 100mΩ, 1 Ω, 10Ω , 100 Ω									
TEMPERATURE										
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									
FUNCTION										
	Hi/Lo, Go/No-Go, Manual Trigger, Actual, %, Diode, Temp, TC for Transformer									
MEASURING RATE										
	7 measuring / sec at 30,000 counts , 30 measuring / sec at 3,000 counts									
MEMORY										
	20 sets									
INTERFACE										
	Standard : Handler / Scan (same connector) Option : RS-232C+GPIB									
POWER SOURCE										
AC 100/120/220/230V ±10% , 50/60Hz										
DIMENSIONS & WEIGHT										
251 (W) x 91 (H) x 291 (D)mm, Approx. 3kg										

## ORDERING INFORMATION

**GOM-802** High Precision Programmable DC Milli-Ohm Meter

### ACCESSORIES :

User manual x 1, Power cord x 1, Test lead GTL-108A x 1

### OPTION

Opt.01 RS-232C + GPIB Interface ( Factory Installed )

### OPTIONAL ACCESSORIES

**PT-100** Platinum Temperature Probe

**GTL-232** RS232C Cable, 9-pin Female to 9-pin, null Modem for Computer

### FREE DOWNLOAD

**Driver** LabView Driver