



**GDM-8034 (3 1/2 Digits)**

The GDM-8034 is the most affordable and cost-effective bench-top digital multimeter available today.. A large 0.5" LCD display with 3 1/2 digits always provides a clear view of the measurement results. A series of powerful built-in functions, such as AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode Test, and Audible Continuity Beeper, make the users' applications measurements simpler and easier. Compact profile, sufficient functionality, and excellent cost-performance make the GDM-8034 best suited for educational institutions such as schools and training centers.

## FEATURES

- \* 8 Functions AC/DC Voltage, AC/DC Current, Resistance, Capacitance, Diode Test and Audible Continuity Beeper
- \* High Voltage 1000V and 20A Current Range
- \* 0.5% Basic DCV Accuracy
- \* LCD Display

## GTL-107A Test Lead

For: GDM-8034, GDM-8135, GDM-8145



## SPECIFICATIONS

| DC VOLTAGE                              |                                                                                                                                                 |
|-----------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Range                                   | 200mV, 2V, 20V, 200V, 1000V 5 ranges                                                                                                            |
| Accuracy                                | $\pm (0.5\% \text{ rdg} + 1 \text{ digit})$                                                                                                     |
| Input Impedance                         | 10M                                                                                                                                             |
| AC VOLTAGE                              |                                                                                                                                                 |
| Range                                   | 200mV, 2V, 20V, 200V, 750V 5 ranges                                                                                                             |
| Accuracy                                | 40Hz ~ 500Hz $\pm (1\% \text{ rdg} + 4 \text{ digits})$                                                                                         |
| Input Impedance                         | 10M                                                                                                                                             |
| DC CURRENT                              |                                                                                                                                                 |
| Range                                   | 200μA, 2mA, 20mA, 200mA, 2A, 20A 6 ranges                                                                                                       |
| Accuracy                                | 200μA ~ 200mA $\pm (0.5\% \text{ rdg} + 1 \text{ digit})$<br>2A ~ 20A $\pm (1\% \text{ rdg} + 3 \text{ digits})$                                |
| AC CURRENT                              |                                                                                                                                                 |
| Range                                   | 200μA, 2mA, 20mA, 200mA, 2A, 20A 6 ranges                                                                                                       |
| Accuracy                                | 40Hz ~ 500Hz on all ranges<br>200μA ~ 200mA $\pm (1\% \text{ rdg} + 4 \text{ digits})$<br>2A ~ 20A $\pm (1.5\% \text{ rdg} + 2 \text{ digits})$ |
| RESISTANCE                              |                                                                                                                                                 |
| Range                                   | 200 , 2k, 20k, 200k , 2M , 20M 6 ranges                                                                                                         |
| Accuracy                                | 200 ~ 2M $\pm (0.75\% \text{ rdg} + 1 \text{ digit})$<br>20M $\pm (1.5\% \text{ rdg} + 5 \text{ digits})$                                       |
| CAPACITANCE                             |                                                                                                                                                 |
| Range                                   | 2nF, 20nF, 200nF, 2μF, 20μF 5 ranges                                                                                                            |
| Accuracy                                | $\pm (2\% \text{ rdg} + 4 \text{ digits})$                                                                                                      |
| Test Freq.                              | 300Hz $\pm 5\%$                                                                                                                                 |
| DIODE TEST                              |                                                                                                                                                 |
| Test Current                            | Max. 2.5mA                                                                                                                                      |
| Open Voltage                            | Max. 3.2V                                                                                                                                       |
| CONTINUITY BEEPER                       |                                                                                                                                                 |
| Description                             | Buzzer sounds if conductance less than 30                                                                                                       |
| Test Current                            | Max. 2.5 mA                                                                                                                                     |
| Open Voltage                            | Max. 3.2V                                                                                                                                       |
| DISPLAY                                 |                                                                                                                                                 |
| 0.5" LCD display                        |                                                                                                                                                 |
| POWER SOURCE                            |                                                                                                                                                 |
| AC 110V/220V $\pm 15\%$ , 50/60Hz       |                                                                                                                                                 |
| DIMENSIONS & WEIGHT                     |                                                                                                                                                 |
| 245(W) x 95(H) x 280(D) mm, Approx. 2kg |                                                                                                                                                 |

## ORDERING INFORMATION

**GDM-8034** 3 1/2 Digits LCD Digital Multimeter

ACCESSORIES :

User manual x 1, Power cord x 1, Test lead GTL-107A x 1