

Dual Display Digital Multimeter



GDM-8246

FEATURES :

- * 50000 Counts Display
- * Multi-function ACV, DCV, ACA, DCA, R, C, Hz, Continuity Beeper, Diode Test, Max/Min, REL, Hold, dBm, Compare
- * Dual Display Indicate ACV and Hz, DCV(ACV) and dBm or DCV and ACV Ripple
- * Manual or Autoranging
- * 0.02% DCV Accuracy
- * ACV Measuring Frequency up to 100kHz
- * 20A Current Range With High Energy Fuse Protection
- * Auto-Recall the Setting Upon Power ON
- * AC True RMS or AC + DC True RMS
- * RS-232 Interface
- * Option : GPIB Interface

SPECIFICATIONS

DC VOLTAGE	Range Accuracy Input Impedance	500mV, 5V, 50V, 500V, 1200V 5 ranges $\pm (0.02\% \text{ rdg} + 2 \text{ digits})$ 10M
AC VOLTAGE TRUE RMS (AC OR AC + DC TRUE RMS)	Range Accuracy Input Impedance	500mV, 5V, 50V, 500V, 1000V 5 ranges 500mV ~ 1000V 5 range : 20Hz ~ 45Hz : $\pm (1\% \text{ rdg} + 10 \text{ digits})$ 45Hz ~ 2kHz : $\pm (0.3\% \text{ rdg} + 30 \text{ digits})$; 2kHz ~ 10kHz : $\pm (0.4\% \text{ rdg} + 50 \text{ digits})$ 500mV ~ 500V 4 range : 10kHz ~ 20kHz $\pm (0.5\% \text{ rdg} + 50 \text{ digits})$ 500mV ~ 50V 3range : 20kHz ~ 50kHz $\pm (2\% \text{ rdg} + 20 \text{ digits})$ 50kHz ~ 100kHz $\pm (5\% \text{ rdg} + 50 \text{ digits})$ 10M
DC CURRENT	Range Accuracy	500 μ A, 5mA, 50mA, 500mA, 2A, 20A 6 ranges 500 μ A ~ 500mA 4 range: $\pm (0.05\% \text{ rdg} + 3 \text{ digits})$; 2A ~ 20A 2 range: $\pm (0.2\% \text{ rdg} + 5 \text{ digits})$
AC CURRENT TRUE RMS (AC OR AC + DC TRUE RMS)	Range Accuracy	500 μ A, 5mA, 50mA, 500mA, 2A, 20A 6 ranges 500 μ A ~ 500mA 4 range; 45Hz ~ 2kHz $\pm (0.5\% \text{ rdg} + 15 \text{ digits})$ 2kHz ~ 10kHz $\pm (1\% \text{ rdg} + 15 \text{ digits})$; 10kHz ~ 20kHz $\pm (2\% \text{ rdg} + 15 \text{ digits})$ 2A ~ 20A 2 range; 45Hz ~ 2kHz $\pm (0.5\% \text{ rdg} + 15 \text{ digits})$
RESISTANCE	Range Accuracy	500 , 5k , 50k , 500k , 5M , 20M 6 ranges 500 range $\pm (0.1\% \text{ rdg} + 4 \text{ digits})$; 5k ~ 500k 3 range $\pm (0.1\% \text{ rdg} + 2 \text{ digits})$ 5M range $\pm (0.2\% \text{ rdg} + 2 \text{ digits})$; 20M range $\pm (0.3\% \text{ rdg} + 2 \text{ digits})$
DIODE TEST		The one range can check the forward voltage of diode. Maximum forward voltage 1.5V open voltage 2.5V
CAPACITANCE	Range Accuracy	5nF, 50nF, 500nF, 5 μ F, 50 μ F 5 ranges $\pm (2\% \text{ rdg} + 4 \text{ digits})$
FREQUENCY	Input Level (Sine Wave)	mV range : 10Hz ~ 50kHz : >120mV; 50k ~ 150kHz : >200mV 5V ~ 50V range : 10Hz ~ 200kHz >1.2V 500V range : 20Hz ~ 1kHz >12V
CONTINUITY BEEPER NMRR CMRR OPERATING MODE OTHER FUNCTIONS DISPLAY POWER SOURCE ACCESSORIES DIMENSIONS & WEIGHT	< 5 > 60dB > 90dB Auto Range/Manual	Max, Min, dBm, REL, Hold, Compare, Set RECALL Dual Display 0.4", 0.5", 7 segment LED display AC 100V/120V/220V/230V $\pm 10\%$, 50/60Hz Instruction manual x 1, Power cord x 1, Programming manual x 1, Test lead GTL-117 x 1 251(W) x 91(H) x 291(D) mm, Approx. 1.86kg



Specifications subject to change without notice.

Test Equipment Depot - 800.517.8431 - 99 Washington Street Melrose, MA 02176 - FAX 781.665.0780

www.TestEquipmentDepot.com