

# Dual Display Digital Multimeter



## FEATURES

- \* 50000 Counts Display
- \* Multi-Function ACV, DCV, ACA, DCA, R, C, Hz, Continuity Beeper, Diode Test, Max/Min, REL, Hold, dBm
- \* Dual Display Indicate ACV and Hz or DCV(ACV) and dBm
- \* Manual or Autoranging
- \* 0.03% DCV Accuracy
- \* 20A High Current Range
- \* 1200V High Voltage Range
- \* AC True R.M.S. or AC+DC True R.M.S.

## GDM-8245 (50000 Counts)

SPECIFICATIONS	
<b>DC VOLTAGE</b>	
Range	500mV, 5V, 50V, 500V, 1200V 5 ranges
Accuracy	± (0.03% rdg + 4 digits) 1200V range± (0.03% rdg + 9 digits)
Input Impedance	10MΩ
<b>AC VOLTAGE True RMS (AC or AC+DC True RMS)</b>	
Range	500mV, 5V, 50V, 500V, 1000V 5 ranges
Accuracy	500mV~50V 3 ranges:20Hz~45Hz± (1% rdg+15 digits) 45Hz ~ 2kHz± (0.5% rdg + 15 digits) 2k~10kHz ± (1% rdg + 15 digits) 10kHz ~ 20kHz± (2% rdg + 30 digits) 20kHz~50kHz± (5% rdg + 30digits) 500V,1000V range:45Hz~1kHz± (0.5% rdg+15 digits)
Input Impedance	10MΩ
<b>DC CURRENT</b>	
Range	500μA, 5mA, 50mA, 500mA, 2A, 20A 6 ranges
Accuracy	500μA ~ 500mA 4 ranges :± (0.2% rdg + 2 digits) 2A ~ 20A 2 ranges :± (0.3% rdg +2 digits)
<b>AC CURRENT True RMS (AC or AC+DC True RMS)</b>	
Range	500μA, 5mA, 50mA, 500mA, 2A, 20A 6 ranges
Accuracy	500μA ~ 500mA 4 ranges : 45Hz ~ 2kHz± (0.5% rdg + 15 digits) 2kHz ~ 10kHz± (1% rdg + 15 digits);10kHz ~ 20kHz ± (2% rdg + 15 digits) 2A~20A 2 ranges:45Hz~2kHz± (0.5% rdg+15 digits)
<b>RESISTANCE</b>	
Range	500Ω, 5kΩ, 50kΩ, 500kΩ, 5MΩ, 20MΩ 6 ranges
Accuracy	500Ω range :± (0.1% rdg + 4digits) 5kΩ ~ 500kΩ 3 ranges :± (0.1% rdg + 2 digits) 5MΩ range : ± (0.2% rdg + 2 digits) 20MΩ range : ± (0.3% rdg + 2 digits)
<b>DIODE TEST</b>	The one range can check the forward voltage of diode. Maximum forward voltage 1.5V, Open voltage 2.8V
<b>CAPACITANCE</b>	
Range	5nF, 50nF, 500nF, 5μF, 50μF 5 ranges
Accuracy	± (2% rdg + 4 digits)
<b>FREQUENCY</b>	
Input Level (Sine Wave)	mV range : >120mV (10Hz ~ 50kHz) >200mV (50k ~ 150kHz) 5V range : >1V (10Hz ~ 200kHz) 50V range : >1.2V (20Hz ~ 200kHz) 500V range : >12V (20Hz ~ 1kHz)

<b>CONTINUITY BEEPER</b>	
NMRR	< 5 Ω
CMRR	> 60dB
OPERATING MODE	> 90dB
OTHERS	AUTO RANGE / MANUAL MAX, MIN, dBm (63.8dBm ~ -97.7dBm), REL, HOLD
<b>DISPLAY</b>	Dual Display 0.4" , 0.5" , 7 segment LED display
<b>POWER SOURCE</b>	AC 100V/120V/230V± 15%, 50/60Hz
<b>ACCESSORIES</b>	Instruction manual x 1, Power cord x 1, Test lead GTL-117 x 1
<b>DIMENSIONS &amp; WEIGHT</b>	251(W) x 91(H) x 291(D) mm, Approx. 2.6 kg

## ORDERING INFORMATION

**GDM-8245** 50000 Counts Dual Display Digital Multimeter