



In terms of cost/performance ratio, the GDM-8145/8135 Series yield one of the best choices among the DMMs in today's market. The series are equipped with 4 1/2 (GDM-8145) or 3 1/2 (GDM-8135) digits, 0.5" LED display in a distinctive red color. Measurement items include DC Voltage/Current, AC Voltage/Current with true RMS (GDM-8145), Resistance, Diode Test, and Continuity with Beeper (GDM-8135). The true RMS AC and AC+DC response give accurate measurements for equivalent DC energy regardless of the waveform shape. Small voltage offsets are canceled by the auto-zero circuit, and protection mechanism is available for the entire measurement range. All these features provide users with robust measurement experience.

GDM-8145 (4 1/2 Digits)



GDM-8135 (3 1/2 Digits)



FEATURES

- * Vast Measuring Functions : AC/DC Voltage, AC/DC Current, Resistance and Diode Test
- * Continuity Beeper (GDM-8135)
- * Large 0.5" Red LED Display
- * High Resolution 10 µV, 10nA and 10mΩ
- * All Range with Protection Circuit
- * 0.03% DCV Accuracy (GDM-8145),
0.1% DCV Accuracy (GDM-8135)
- * Auto Zero Circuit
- * 20A High Current Range
- * 1000V High Voltage Range
- * AC or AC + DC True RMS (GDM-8145)

GTI-107A Test Lead

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



SPECIFICATIONS		
	GDM-8145	GDM-8135
DC VOLTAGE		
Range	200mV, 2V, 20V, 200V, 1000V 5 ranges.	200mV, 2V, 20V, 200V, 1000V 5 ranges
Accuracy	±(0.03% rdg + 4 digits)	±(0.1% rdg + 1 digit)
Input Impedance	10M	10M
AC VOLTAGE		
Range	200mV, 2V, 20V, 200V, 1000V 5 ranges	200mV, 2V, 20V, 200V, 1000V 5 ranges
Accuracy	200mV ~ 20V 4 ranges 20Hz ~ 45Hz ±(1%rdg + 15 digits) 45Hz ~ 2kHz ±(0.5% rdg + 15 digits) 2kHz ~ 10kHz ±(1% rdg + 15 digits) 10kHz ~ 20kHz ±(2%rdg + 30digits) 20kHz ~ 50kHz ±(5% rdg + 30 digits) 200V~1000V range : 45Hz ~ 1kHz ±(0.5%rdg + 15digits)	200mV ~ 20V 3 ranges : 40Hz ~ 1kHz ±(0.5% rdg + 1 digit) 1kHz ~ 10kHz ±(1% rdg + 1 digit) 10kHz ~ 20kHz ±(2% rdg + 1 digit) 20kHz ~ 40kHz ±(5% rdg + 1 digit) 200V range : 40Hz ~ 1kHz ±(0.5% rdg + 1 digit); 1kHz ~ 10kHz ±(1% rdg + 1 digit) 1000V range : 40Hz ~ 1kHz ±(0.5% rdg + 1 digit)
Input Impedance	10M	10M
DC CURRENT		
Range	200 µA, 2mA, 20mA, 200mA, 2000mA, 20A 6 ranges	200 µA, 2mA, 20mA, 200mA, 2A, 20A 6 ranges
Accuracy	200 µA ~ 200mA 4 ranges ±(0.2% rdg + 2 digits) 2000mA ~ 20A 2 ranges ±(0.3% rdg + 2 digits)	200 µA ~ 200mA 4 ranges : ±(0.2% rdg + 1 digit) 2A ~ 20A 2 ranges : ±(0.5% rdg + 1 digit)
AC CURRENT		
Range	200 µA, 2mA, 20mA, 200mA, 2000mA, 20 A 6 ranges 200 µA ~ 200mA 4 ranges 45Hz ~ 2kHz ±(0.5% rdg + 15 digits) 2kHz ~ 10kHz ±(1% rdg + 15 digits) 10kHz ~ 20kHz ±(2% rdg + 15 digits) 2000mA ~ 20A 2 ranges 45Hz ~ 2kHz ±(0.5% rdg + 15 digits)	200 µA, 2mA, 20mA, 200mA, 2A, 20A 6 ranges 200 µA ~ 200mA 4 ranges 40Hz ~ 1kHz ±(0.5% rdg + 1 digit) 1kHz ~ 10kHz ±(1% rdg + 1 digit) 10kHz ~ 20kHz ±(2% rdg + 1 digit) 2A ~ 20A 2 ranges, 40Hz ~ 2kHz ±(1% rdg + 2 digits)
RESISTANCE		
Range	200 , 2k , 20k , 200k , 2000k , 20M 6 ranges 200 :±(0.1%rdg + 4 digits) 2k ~ 200k :±(0.1%rdg + 2 digits) 2000k ~ 20M :±(0.25%rdg + 2 digits)	200 , 2k, 20k, 200k , 2M , 20M 6 ranges. 200 ~ 2M 5ranges :±(0.2% rdg + 1 digit) 20M range :±(0.5% rdg + 1 digit)
DIODE TEST		
Test Current	Max. 1 mA	Max. 1 mA
Open Voltage	Max. 13V	Max. 13V
CONTINUITY BEEPER		
Description	—	Buzzer sounds if conductance < 10Ω
Test Current	Max. 1 mA	Max. 1 mA
Open Voltage	Max. 13V	Max. 13V
DISPLAY	0.5" LED display	
POWER SOURCE	AC 100V/120V/220V/230V±10%, 50/60Hz	
DIMENSIONS & WEIGHT	245(W) x 95(H) x 280(D) mm, Approx. 2kg	

ORDERING INFORMATION

GDM-8145 4 1/2 Digits True RMS Digital Multimeter
GDM-8135 3 1/2 Digits Digital Multimeter

ACCESSORIES :
User manual x 1, Power cord x 1, Test lead GTI-107A x 1