

GDM-400 / GDM-300 Specifications

The specifications apply when the GDM-400 / GDM-300 is powered on for at least 30 minutes under +20°C~+30°C.

SPECIFICATIONS	
DC VOLTAGE	
Range	220mV, 2.2V, 22V, 220V, 1000V(GDM-461); 200mV, 2V, 20V, 200V, 600V(GDM-452) 40mV, 400mV, 4V, 40V, 400V, 1000V(GDM-397); 60mV, 600mV, 6V, 60V, 600V, 1000V(GDM-360) 400mV, 4V, 40V, 400V, 1000V(GDM-398) 200mV, 2V, 20V, 200V, 600V(GDM-357) 200mV, 2000mV, 20V, 200V, 250V(GDM-350B)
Best Accuracy	±(0.1%rdg + 2 digits) for GDM-461; ±(0.05%rdg + 3 digits) for GDM-452 ±(0.5%rdg + 1 digit) for GDM-397/360/398/357; ±(0.5%rdg + 2 digits) for GDM-350B
Input Impedance	10 MΩ (3000MΩ for mV range of GDM-461/397/360/398)
AC VOLTAGE	
Range	220mV, 2.2V, 22V, 220V, 750V(GDM-461); 200mV, 2V, 20V, 200V, 600V(GDM-452) 40mV, 400mV, 4V, 40V, 400V, 750V(GDM-397); 400mV, 4V, 40V, 400V, 750V(GDM-398) 60mV, 600mV, 6V, 60V, 600V, 750V(GDM-360); 2V, 20V, 200V, 600V(GDM-357) 200V, 250V(GDM-350B)
Best Accuracy	±(0.8%rdg + 10 digits) for GDM-461; ±(0.5%rdg + 10 digits) for GDM-452 ±(1.0%rdg + 3 digits) for GDM-397/360/398; ±(0.8%rdg + 3 digits) for GDM-357 ±(1.2%rdg + 3 digits) for GDM-350B
Input Impedance	10 MΩ (3000MΩ for mV range of GDM-461/397/360/398; 4.5MΩ for GDM-350B)
DC CURRENT	
Range	220μA, 2200μA, 22mA, 220mA, 10A(GDM-461); 2mA, 20mA, 200mA, 10A(GDM-452) 400μA, 4000μA, 40mA, 400mA, 4A, 10A(GDM-397/398) 600μA, 6000μA, 60mA, 600mA, 6A, 10A(GDM-360) 2mA, 20mA, 200mA, 10A(GDM-357); 2000μA, 20mA, 200mA, 10A(GDM-350B)
Best Accuracy	±(0.5%rdg + 10 digits) for GDM-461; ±(0.5%rdg + 5 digits) for GDM-452 ±(1.0%rdg + 2 digits) for GDM-397/398/350B; ±(1.0%rdg + 3 digits) for GDM-360 ±(0.8%rdg + 1 digit) for GDM-357
AC CURRENT	
Range	220μA, 2200μA, 22mA, 220mA, 10A(GDM-461); 2mA, 20mA, 200mA, 10A(GDM-452) 400μA, 4000μA, 40mA, 400mA, 4A, 10A(GDM-397/398) 600μA, 6000μA, 60mA, 600mA, 6A, 10A(GDM-360); 20mA, 200mA, 10A(GDM-357)
Best Accuracy	±(0.8%rdg + 10 digits) for GDM-461/452; ±(1.0%+3) for GDM-357 ±(1.2%rdg + 5 digits) for GDM-397/360/398
RESISTANCE	
Range	220Ω ~ 220MΩ 7 ranges(GDM-461); 200Ω ~ 20MΩ 6 ranges(GDM-452/357/350B) 400Ω ~ 40MΩ 6 ranges(GDM-397/398); 600Ω ~ 60MΩ 6 ranges(GDM-360)
Best Accuracy	±(0.5%rdg + 10 digits) for GDM-461; ±(0.3%rdg + 1 digit) for GDM-452 ±(1.0%rdg + 2 digits) for GDM-397/360/398/357; ±(0.8%rdg + 5 digits) for GDM-350B
CAPACITANCE	
Range	22nF, 220nF, 2.2μF, 22μF, 220μF, 2.2mF, 22mF, 220mF(GDM-461) 20nF, 200nF, 2μF, 20μF(GDM-452); 2nF, 20nF, 200nF, 2μF, 200μF(GDM-357) 40nF, 400nF, 4μF, 40μF, 400μF, 4000μF (GDM-397/360/398)
Best Accuracy	±(3.0%rdg + 5 digits) for GDM-461; ±(4.0%rdg + 20 digits) for GDM-452 ±(3.0%rdg + 5 digits) for GDM-397/360/398; ±(4.0%+3) for GDM-357
FREQUENCY	

Range	10Hz ~ 220MHz(GDM-461); 1Hz ~ 20kHz(GDM-452) 10Hz ~ 10MHz(GDM-397/360/398);
Best Accuracy	±(0.01%rdg + 5 digits) for GDM-461; ±(1.5%rdg + 5 digits) for GDM-452 ±(0.1%rdg + 4 digits) for GDM-397/360/398
DIODE TEST	
Open Circuit Voltage	GDM-461/452/397/360/398/357/350B : 2.8V (Approx.) GDM-350B : 2.3V (Approx.)
CONTINUITY BEEPER	
Buzzer sounds if conductance less than 10Ω for GDM-461/397/357/360/398/350B Buzzer sounds if conductance less than 30Ω for GDM-452	
TEMPERATURE	
Range	-40°C ~ 1000°C
Best Accuracy	±(1.2%rdg + 4 digits) for GDM-397; ±(1.0%rdg + 7 digits) for GDM-357 ±(1.0%rdg + 3 digits) for GDM-350B
SPECIAL FUNCTION	
Auto Ranging (GDM-461/397/360); True RMS (GDM-461/360); RS-232C (GDM-461/397/360) hFE Test (GDM-398/350B); Display Backlight (GDM-397/360/398); EF Function (GDM-398) Analog Bar (GDM-461/397/360/398); Auto Power Off (GDM-452/397/357/360/398)	
LCD DISPLAY	
22000 counts (GDM-461), 4 1/2 digits (GDM-452), 6000 counts (GDM-360) 3 3/4 digits (GDM-397/398), 3 1/2 digits (GDM-357/350B)	
POWER SOURCE	
Single 9V Battery (6F22)	
DIMENSIONS & WEIGHT	
87(W) x 180(H) x 47(D) mm, Approx. 370g (GDM-461/397/360/398) 91(W) x 186(H) x 39(D) mm, Approx. 300g (GDM-452/357) 72(W) x 137(H) x 35(D) mm, Approx. 200g (GDM-350B)	