

GDM-8245 Specifications

The specifications apply when the GDM-8245 is powered on for at least 30 minutes under +18°C~+28°C.



DC VOLTAGE	
Range	500mV, 5V, 50V, 500V, 1000V 5 ranges
Accuracy	±(0.03% rdg + 4 digits)
Input Impedance	10MΩ
AC VOLTAGE True RMS (AC or AC+DC True RMS)	
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) 2kHz ~ 10kHz: ±(1% rdg + 15 digits) 10kHz ~ 20kHz: ±(2% rdg + 30 digits) 20kHz ~ 50kHz: ±(5% rdg + 30 digits) 500V,1000V 2 ranges: 45Hz ~ 1kHz: ±(0.5% rdg + 15 digits)
Input Impedance	10MΩ
DC CURRENT	
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)
AC CURRENT True RMS (AC or AC+DC True RMS)	
Range	500μA, 5mA, 50mA, 500mA, 2A, 20A 6 ranges
Accuracy	500μA ~ 20A 6 ranges 20Hz ~ 45Hz: ±(1% rdg + 15 digits) 45Hz ~ 2kHz: ±(0.5% rdg + 15 digits) 500μA ~ 50mA 3 ranges 2kHz ~ 10kHz: ±(1% rdg + 15 digits) 10kHz ~ 20kHz: ±(2% rdg + 15 digits)
RESISTANCE	
Range	500Ω, 5kΩ, 50kΩ, 500kΩ, 5MΩ, 20MΩ 6 ranges
Accuracy	500Ω range : ±(0.1% rdg + 4 digits) 5kΩ~ 500kΩ 3 ranges : ±(0.1% rdg + 2 digits) 5MΩ range : ±(0.2% rdg + 2 digits) 20MΩ range : ±(0.3% rdg + 2 digits)

DIODE TEST	
	Maximum forward voltage 1.5V, open voltage 2.8V
CAPACITANCE	
Range	5nF, 50nF, 500nF, 5 μ F, 50 μ F 5 ranges
Accuracy	\pm (2% rdg + 4 digits)
FREQUENCY	
Input Level (Sine Wave)	mV range : 10Hz ~ 50kHz >120mV 50kHz ~ 150kHz >200mV 5V ~ 50V range : 10Hz ~ 200kHz >1.2V 500V range : 20Hz ~ 1kHz >12V
FUNCTIONS	
	Auto Range, Manual Range, Max, Min, dBm, Rel, Hold
CONTINUITY BEEP	
	Built in buzzer sound when conductance is less than 5 Ω
DISPLAY	
	Dual display 0.4", 0.5" 7 segment LED
POWER SOURCE	
	AC 100V/120V/230V \pm 10%, 50/60Hz; Power consumption: 8VA max.
DIMENSIONS & WEIGHT	
	251(W) \times 91(H) \times 291(D) mm; Approx. 2.6kg