

GDM-8145 Specifications

The specifications apply when the GDM-8145 is powered on for at least 30 minutes under +20°C~+30°C.

DC VOLTAGE	
Range	200mV, 2V, 20V, 200V, 1000V 5 ranges
Accuracy	±(0.03% rdg + 4 digits)
Input Impedance	10MΩ
AC VOLTAGE (AC or AC + DC True RMS)	
Range	200mV, 2V, 20V, 200V, 1000V 5 ranges
Accuracy	200mV ~ 200V 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 + 30 digits) 20kHz ~ 50kHz: ±(5% rdg + 30 digits) 1000V range 45Hz ~ 1kHz: ±(0.5% rdg + 15 digits)
Input Impedance	10MΩ
DC CURRENT	
Range	200μA, 2mA, 20mA, 200mA, 2000mA, 20A 6 ranges
Accuracy	200μA ~ 200mA 4 ranges±(0.2% rdg + 2 digits) 2000mA ~ 20A 2 ranges±(0.3% rdg + 2 digits)
AC CURRENT	
Range	200μA, 2mA, 20mA, 200mA, 2000mA, 20A 6 ranges
Accuracy	200μA ~ 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)
RESISTANCE	
Range	200Ω, 2kΩ, 20kΩ, 200kΩ, 2000kΩ, 20MΩ 6 ranges
Accuracy	200Ω range±(0.1% rdg + 4 digits) 2kΩ~ 2000kΩ 4 ranges±(0.1% rdg + 2 digits) 20MΩ range±(0.25% rdg + 2 digits)
DIODE TEST	
Test Current	Max. 1mA
Open Voltage	Max. 13V
DISPLAY	
	0.5" LED Display
POWER SOURCE	
	AC 100V/120V/220V/230V ±10%, 50/60Hz

DIMENSIONS & WEIGHT	
	230(W) × 95(H) × 280(D) mm Approx. 2kg