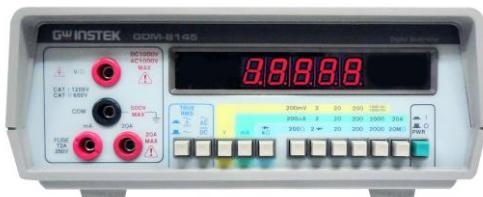


## GDM-8145 Specifications

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	$\pm(0.03\% \text{ rdg} + 4 \text{ digits})$
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: $\pm(1\% \text{ rdg} + 15 \text{ digits})$ 45Hz ~ 2kHz: $\pm(0.5\% \text{ rdg} + 15 \text{ digits})$ 2kHz ~ 10kHz: $\pm(1\% \text{ rdg} + 15 \text{ digits})$ 10kHz ~ 20kHz: $\pm(2\% \text{ rdg} + 30 \text{ digits})$ 20kHz ~ 50kHz: $\pm(5\% \text{ rdg} + 30 \text{ digits})$ 1000V range 45Hz ~ 1kHz: $\pm(0.5\% \text{ rdg} + 15 \text{ digits})$
Input Impedance	10MΩ
DC CURRENT	
Range	200μA, 2mA, 20mA, 200mA, 2000mA, 20A 6 ranges
Accuracy	200μA ~ 200mA 4 ranges $\pm(0.2\% \text{ rdg} + 2 \text{ digits})$ 2000mA ~ 20A 2 ranges $\pm(0.3\% \text{ rdg} + 2 \text{ digits})$
AC CURRENT	
Range	200μA, 2mA, 20mA, 200mA, 2000mA, 20A 6 ranges
Accuracy	200μA ~ 200mA 4 ranges 45Hz ~ 2kHz: $\pm(0.5\% \text{ rdg} + 15 \text{ digits})$ 2kHz ~ 10kHz: $\pm(1\% \text{ rdg} + 15 \text{ digits})$ 10kHz ~ 20kHz: $\pm(2\% \text{ rdg} + 15 \text{ digits})$ 2000mA ~ 20A 2 ranges: 45Hz ~ 2kHz : $\pm(0.5\% \text{ rdg} + 15 \text{ digits})$
RESISTANCE	
Range	200Ω, 2kΩ, 20kΩ, 200kΩ, 2000kΩ, 20MΩ 6 ranges
Accuracy	200Ω range $\pm(0.1\% \text{ rdg} + 4 \text{ digits})$ 2kΩ ~ 2000kΩ 4 ranges $\pm(0.1\% \text{ rdg} + 2 \text{ digits})$ 20MΩ range $\pm(0.25\% \text{ rdg} + 2 \text{ digits})$
DIODE TEST	
Test Current	Max. 1mA
Open Voltage	Max. 13V
DISPLAY	
	0.5" LED Display
POWER SOURCE	
	AC 100V/120V/220V/230V $\pm 10\%$ , 50/60Hz; Power consumption: 8VA max.
DIMENSIONS & WEIGHT	
	230(W) × 95(H) × 280(D) mm; Approx. 2kg