

Blue Gizmo 6-in-1 Digital Multimeter, BG68E



Features

- 14 functions measure Sound Level, Light, Humidity, Temperature, DC Voltage, AC Voltage, DC Current, AC Current, Resistance, Diode and Continuity Test
- Digital large LCD display with units of Lux, °C, %RH and dB indication
- Easy to use with single function switch operating, pocket size and light weight

SPECIFICATIONS

	Range	Resolution	Accuracy
Sound Level	35 to 100db	0.1dB	±5 dB at 94 dB
Light	4000, 40 000 Lux	0.1Lux	± 5% rdg + 10 dgts
Humidity	Indoor 33% to 99% RH	1% RH	± 3% of rdg ± 5 dgts

Operating Environment	0°C to 40°C at < 70% RH
Storage Temperature	-10°C to 60°C at < 80% RH
Power	9V battery x 1pc
Size	170mm x 79mm x 50mm (6.7" x 3.1" x 2.0")
Weight	342 g (0.75 lb)
Certification	IEC/EN 61010-1:2001 and IEC/EN 61010-031:2002

Temperature	Range	Resolution	Accuracy
Indoor	0°C to 50°C	0.1°C	3% of reading ± 5 dgts
TypeK	-20°C to 750°C	1°C	3% of reading ± 9 dgts

DC Voltage (Auto-ranging)

Range	Resolution	Accuracy
400.0 Mv	0.1 mV	± 1.0% of reading ± 4 dgts
4.000 V	1.0 mV	
40.00 V	10 mV	
400.0 V	100 mV	± 1.5% of reading ± 4 dgts
600 V	1V	

AC Voltage (Auto-ranging)

Range	Resolution	Accuracy
400.0 Mv	0.1 mV	± 1.5% of reading ± 15 dgts
4.000 V	1.0 mV	± 1.0% of reading ± 4 dgts
40.00 V	10 mV	
400.0 V	100 mV	± 1.5% of reading ± 4 dgts
600 V	1V	± 2% of reading ± 4 dgts

DC Current (Auto-ranging for μ A and mA)

Range	Resolution	Accuracy
400.0 μ A	0.1 μ A	± 1.0% of reading ± 2 dgts
4000 μ A	1 μ A	± 1.0% of reading ± 2 dgts
400.0 mA	100 μ A	± 1.2% of reading ± 2 dgts
10.00 A	10 mA	± 2.0% of reading ± 5 dgts

AC Current (Auto-ranging for μ A and mA)

Range	Resolution	Accuracy
400.0 μ A	0.1 μ A	± 1.2% of reading ± 2 dgts
4000 μ A	1 μ A	± 1.2% of reading ± 2 dgts
400.0 mA	100 μ A	± 1.5% of reading ± 2 dgts
10.00 A	10 mA	± 2.0% of reading ± 5 dgts

Resistance (Auto-ranging)

Range	Resolution	Accuracy
400.0 Ω	0.1 Ω	± 1.5% of reading ± 4 dgts
4.000 k Ω	1 Ω	
40.00 k Ω	10 Ω	
400.0 k Ω	100 Ω	± 1.5% of reading ± 2 dgts
4.000 k Ω	10 k Ω	± 2.0% of reading ± 2 dgts
40.00 M Ω	1 M Ω	± 2.5% of reading ± 2 dgts

Capacitance (Auto-ranging)

Range	Resolution	Accuracy
50.00 nF	10 pF	± 5.0% of reading ± 7 dgts
500.0 nF	0.1 nF	
5.000 μ F	1 nF	± 3.0% of reading ± 5 dgts
50.00 μ F	10 nF	
100.0 μ F	0.1 μ F	± 4.0% of reading ± 5 dgts

Frequency (Auto-ranging)

Range	Resolution	Accuracy
5.000 Hz	0.001 Hz	± 1.2% of reading ± 3 dgts
50.00 Hz	0.01 Hz	
500.0 Hz	0.1 Hz	
5.000 kHz	1 Hz	
50.00 kHz	10 Hz	
500.0 kHz	100 Hz	
10.00 MHz	1 kHz	± 1.5% of reading ± 4 dgts