

Blue Gizmo AC Clamp Meter BG 63E



Features

- Digital display count
- Analog bargraph / segments
- Electronic overload protection
- Continuity buzzer & Diode check
- Data hold function
- Auto power off
- Low battery indication
- AC current
- True RMS measurements
- 1.2" (30mm) Clamp jaw opening
- Inrush current function

SPECIFICATIONS

Clamp size	Opening 1.2" (30mm) approx.
Diode test typical.	Test current of 0.3mA typical; Open circuit voltage 1.5V DC
Continuity check	Threshold <100Ω ; Test current < 1mA
Measurement rate	2 per second, nominal
Input impedance	7.8 MΩ (VDC & VAC)
Display	6000 counts LCD
AC Current	50/60Hz (AAC)
AC Voltage bandwidth	50/60Hz (VAC)
Operating temperature	-10 to 50°C (14 to 122°F)
Storage temperature	-30 to 60°C (-14 to 140°F)
Relative humidity	90% (0 to 30 °C); 75% (30 to 40 °C); 45% (40 to 50 °C)
Altitude	Operating: 3000m; Storage 10,000m
Over voltage	Category III 600V
Battery	9V Battery x 1 pc
Auto OFF	Approx. 30 minutes
Dimension	204 x 80 x 43 mm
Weight	200g

Function	Range & Resolution		Accuracy (% of reading)
AC Current	60.00 AAC		± (2.5% + 10 digits)
	600.0 AAC		± (2.0 % + 5 digits)
	1000 AAC		
DC Voltage	600.0 mVDC		± (0.8% + 3 digits)
	6.000 VDC		± (1.5% + 3 digits)
	60.00 VDC		
	600.0 VDC		
	1000 VDC		± (2.0% + 3 digits)
AC Voltage	6.000 VAC		± (1.5% + 5 digits)
	60.00 VAC		± (2.0% + 5 digits)
	600.0 VAC		
	750 VAC		± (2.0% + 5 digits)
Resistance	600.0 Ω		± (1.0% + 4 digits)
	6.000K Ω		± (1.5% + 2 digits)
	60.00K Ω		
	600.0K Ω		
	6.000M Ω		± (2.5% + 3 digits)
60.00M Ω		± (3.5% + 5 digits)	
Capacitance	40.00nF		±(3.0% reading + 50 digits)
	400.0nF		±(3.5% reading + 10 digits)
	4.000 μ F		
	40.00 μ F		
	400.0 μ F		±(5.0% reading + 5 digits)
	4000 μ F		
Frequency	9.999Hz		±(1.5% reading + 5 digits)
	99.99Hz		±(1.2% reading + 2 digits)
	999.9Hz		Sensitivity: 9~1000kHz:10Vrms min.
	9.999kHz		1000kHz~10MHz:20Vrms min.
	99.99kHz		@ 20% to 80% duty cycle
	999.9kHz		
	10MHz		
Temp (type-K) (probe accuracy not included)	-50.0 to 400.0°C	-50.0 to -20.0°C	± 7°C
	400 to 1300 °C	-20.0 to 400.0°C	±(3.0% reading + 3 °C)
		400 to 1000°C	±(3.0% reading + 5°C)
	1000 to1300°C		
	-58.0 to 752.0°F	-50.0 to 0°F	± 14°F
	752 to 2372 °F	0 to 752.0°F	±(3.0% reading + 7°F)
752 to 1832°F		±(3.0% reading + 10°F)	
	1832 to2372°F		

MODEL	DESCRIPTION
BG63E	Blue Gizmo AC Clamp Meters (AC-1000A, AC/DC-600V)