

FEATURES

- Large 4000 count 3-3/4 Digits LCD display with bright with bright white LED backlight.
- Wide measuring range from 0.01A up to 1000A AC/DC.
- Measures AC and DC Voltage up to 600 Volts.
- Measures resistance from 0.01Ω up to 40MΩ
- Designed to the international safety standard IEC61010 CAT III 600V/CAT II 1000V. Pollution degree 2.
- Max Hold records the highest reading in the current and voltage ranges
- Auto Power Off after approximately 15 minutes to conserve battery life.
- Continuity Buzzer <120Ω
- Diode Test Current 0.3mA typical
- Low Battery Indication.
- 30 mm Maximum conductor size.
- Data Hold Switch used to freeze reading on display

TECHNICAL CHARACTERISTICS

Function	Range & Resolution	Accuracy (% of reading ± no. of dgts)
AC Current	40.00 AAC	± (3.0% + 10)
	400.0 AAC	± (3.0% + 5)
	1000 AAC	± (3.0% + 5)
DC Current	40.00 ADC	± (2.8% + 10)
	400.0 ADC	± (2.8% + 5)
	1000 ADC	± (3.0% + 5)
DC Voltage	400.0 mVDC	± (0.8% + 3)
	4.000VDC	
	40.00VDC	± (1.5% + 3)
	400.0VDC	
	600 VDC	± (2.0% + 3)
AC Voltage	400.0mVAC	± (0.8% + 20)
	4.000 VAC	
	40.00 VAC	± (1.8% + 5)
	400.0 VAC	
	600 VAC	± (2.5% + 5)
Resistance	400.0 Ω	± (1.0% + 4)
	4.000 KΩ	
	40.00 KΩ	± (1.5% + 2)
	400.0 KΩ	
	4.000 MΩ	± (2.5% + 3)
	40.00 MΩ	± (3.5% + 5)
Capacitance	40.00nF	± (5.0% reading + 100)
	400.0nF	± (3.0% reading + 5)
	4.000 μF	
	40.00μF	± (3.5% reading + 5)
	100.0μF	± (5.0% reading + 5)
Frequency	5.000Hz	± (1.5% reading + 2)
	50.00Hz	± (1.2% reading + 2)
	500.0Hz	
	5.000 kHz	Sensitivity: 10Vrms min.
	50.00kHz	
	100.0kHz	
Duty Cycle	0.5 to 99.0%	± (1.2% reading + 2)
	Pulse width: 100ms - 100ms, Frequency: 5.000Hz to 100.0kHz;	
Temp (Type-K probe Accuracy not included)	-20 to 1000°C	± (3.0% reading + 5°)
	-4 to 1832°F	± (3.0% reading + 7°F)



GENERAL CHARACTERISTICS

- Clamp size** Opening 1.2" (30 mm) approx
- Diode Test** Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical
- Continuity Check** Threshold <100Ω; Test current <1mA
- Low Battery Indication** "⊠" is displayed
- Overrange Indication** "OL" is displayed
- Measurement Rate** 2 per second, nominal
- Input Impedance** 7.8MΩ (VDC and VAC)
- Display** 4000 counts LCD, 3-3/4 Digits
- AC Current** 50/60 Hz (AAC)
- AC Voltage bandwidth** 50/60 Hz (VAC)
- Storage Temperature** 22 to 140°C to 50°C)
- Operating Temperature** 14 to 122°F (-10 to 50°C)
- Relative Humidity** 90% (0°C to 30°C); 75% (30°C to 40°C), 45% (40°C to 50°C)
- Altitude Operating** 3000m; Storage 10,000m
- Over voltage** Category III 600V
- Battery** One "9V" Battery
- Auto OFF** Approx. 35 minutes
- Dimensions/Weight** 229 x 80 x 49mm/303g
- Safety** For indoor use and in accordance with overvoltage Category II, Pollution Degree 2. Category II includes local level, appliance, portable equipment, etc, with transient overvoltage less than overvoltage Cat. III

*Technical Specifications & Appearance are subject to change without prior notice