


Input Limits	
Function	Maximum Input
A AC, A DC	400A
V DC, V AC, Frequency, Duty Cycle,	600V DC/AC
Resistance, Diode, Continuity, Capacitance Test	250V DC/AC

GENERAL SPECIFICATIONS

Clamp Size : Opening 0.9" (23mm) approx

Diode Test : Test current of 0.3mA typical;
Open circuit voltage 1.5V DC typical.

Continuity Check : Threshold <150Ω; Test current < 1mA

Low Battery Indication : “” is displayed

Overrange Indication : “ OL ” is displayed

Measurements Rate : 2 per second, nominal

Input Impedance : 7.8MΩ (VDC and VAC)

Display : 4000 counts Backlit LCD

AC Current : 50/60Hz (AAC)

AC Voltage Bandwidth : 50/400Hz (VAC)

Operating Temperature : 14 to 122°F (-10 to 50°C)

Storage Temperature : -14 to 140°F (-30 to 60°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 : Two 1.5V “AAA” Batteries

Data Hold : To Freeze Displayed Data

Auto OFF : approx. 30 minutes

Dimensions / Weight : 200x50x35mm/200g

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 overvoltages less than Overvoltage Cat. III



TECHNICAL SPECIFICATIONS

Function	Range	Resolution	Accuracy (% of reading)
DC Current	40.00 ADC	0 ~ 20.00ADC	± (2.5% +6digits)
		20.00 ~ 40.00ADC	± (3% + 6 digits)
	400.0 ADC	0 ~ 300.0ADC	± (2.5% +6digits)
		300.0 ~ 400.0ADC	± (3.5% + 6 digits)
AC Current	40.00 AAC	0 ~ 20.00AAC	± (3% +10digits)
		20.00 ~ 40.00AAC	± (5% + 10 digits)
	400.0 AAC	0 ~ 300.0AAC	± (3% +10digits)
		300.0 ~ 400.0AAC	± (5% + 10 digits)
DC Voltage	4.000 VDC		± (0.8% + 3 digits)
	40.00 VDC		
	400.0 VDC		± (1.5% + 3 digits)
	600 VDC		± (2.0% + 3 digits)
AC Voltage	400.0 mVAC		± (1.0% + 10 digits)
	4.000 VAC		± (2.0% + 5 digits)
	40.00 VAC		
	400.0 VAC		
	600 VAC		± (2.0% + 5 digits)
Resistance	400.0 Ω		± (1.0% + 4 digits)
	4.000KΩ		± (1.5% + 2 digits)
	40.00KΩ		
	400.0KΩ		
	4.000MΩ		± (2.5% + 3 digits)
	40.00MΩ		± (3.5% + 5 digits)
Capacitance	40.00nF		± (5.0% reading + 30digits)
	400.0nF		± (3.0% reading +5digits)
	4.000μF		± (3.5% reading +5digits)
	40.00μF		
	100.0μF		± (5.0% reading +5digits)
Frequency	5.000Hz		± (1.5% reading +5 digits)
	50.00Hz		± (1.2% reading +2 digits) Sensitivity: 5~5kHz:10Vrms min. 5kHz~150kHz:40Vrms min. @ 20% to 80% duty cycle
	500.0Hz		
	5.000kHz		
	50.00kHz		
	150.0kHz		
Duty Cycle	0.5 to 99.0%		± (1.2% reading +2 digits)
	Pulse width : 100μs - 100ms, Frequency: 5Hz to 150kHz; Sensitivity : 5~5kHz:10Vrms min.5kHz~150kHz:40Vrms min.		