

INPUT LIMITS

Function	Maximum Input
A AC	1000A
V DC, V AC	1000V DC/AC
Frequency, Resistance Diode, Continuity, Capacitance Temperature	600V DC/AC

SPECIFICATIONS

Function	Range & Resolution	Accuracy (% of reading)
AC Current 50/60 Hz True RMS	40.00A AC	± (2.8% + 10d)
	400.0A AC	± (2.8% + 8d)
	1000A AC	± (3.0% + 8d)
DC Current	40.00A DC	± (2.8% + 10d)
	400.0A DC	± (2.8% + 8d)
	1000A DC	± (3.0% + 8d)
AC Voltage 50/60Hz True RMS	400.0mV AC	± (1.0% + 10d)
	4.000V AC	± (1.5% + 5d)
	40.00V AC	
	400.0V AC	
600V AC	± (2.0% + 8d)	
DC Voltage	400.0mV DC	± (0.8% + 2d)
	4.000V DC	± (1.5% + 2d)
	40.00V DC	
	400.0V DC	
600V DC	± (2.0% + 2d)	
Resistance	400.0Ω	± (1.0% + 4d)
	4.000kΩ	± (1.5% + 2d)
	40.00kΩ	
	400.0kΩ	
	4.000MΩ	± (2.5% + 5d)
40.00MΩ	± (3.5% + 10d)	
Capacitance	4.000nF	± (5.0% + 30d)
	40.00nF	± (5.0% + 20d)
	400.0nF	± (3.0% + 5d)
	4.000μF	
	40.00μF	
	400.0μF	± (4.0% + 10d)
	4.000mF	± (4.5% + 10d)
40.00mF	unspecified	
Frequency	4.000kHz	± (1.5% + 2d)
	Sensitivity: 100V (<50Hz); 50V (50 to 400Hz); 5V (401 to 4000Hz)	
Temperature	-4 to 1400°F	± (3%rdg + 9°F)
	-20 to 760°C	± (3%rdg + 5°C)



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

GENERAL SPECIFICATIONS

Clamp jaw opening	2" (52mm) approx.
Display	3-3/4 digits (4000 counts) backlit LCD
Continuity check	Threshold 40Ω; Test current < 0.5mA
Diode test	Test current of 0.3mA typical; Open circuit voltage < 3VDC typical
Low Battery indication	"  " is displayed
Over-range indication	'OL' display
Measurement rate	2 readings per second, nominal
PEAK HOLD	Captures peaks >1ms
DATA HOLD	To freeze the displayed data
Temperature sensor	Type K thermocouple
Input Impedance	10MΩ (VDC and VAC)
AC response	True rms (AAC and VAC)
Operating Temperature	41°F to 104°F (5°C to 40°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating Humidity	Max 80% up to 87°F (31°C) decreasing linearly to 50% at 104°F(40°C)
Storage Humidity	<80%
Operating Altitude	7000ft. (2000meters) maximum.
Battery	One (1) 9V Battery
Auto power OFF	After approx. 30 minutes
Dimensions & Weight	270 x 100 x 47mm; 449g
Safety	For indoor use and in accordance with the requirements for double insulation to IEC1010-1 (2001): EN61010-1 (2001) Overvoltage Category III 1000V and Category IV 600V, Pollution Degree 2.
Auto Power Off	Switches meter off when not in use
Non Contact Voltage Detector	Indicates whether the line is live or dead.
Relative	Helps perform relative measurements

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