

Clamp Meter

TENMA™

**RoHS
Compliant**



Specifications

Clamp size	Opening 1.2" (30mm) approx
Diode Test	Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical.
Continuity Check	Threshold <150Ω; Test current < 0.5mA
Low Battery Indication	"⚡" is displayed
Overrange Indication	"OL" is displayed
Measurements Rate	2 per second, nominal
Input Impedance	10MΩ (V DC and V AC)
Display	4000 counts LCD
AC Current	50-60Hz (A AC)
AC Voltage Bandwidth	50-400Hz (V AC)
Non-contact Voltage Detection	-
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. (2000m) maximum.
Over Voltage	Category III 600V
Battery	One 9V Battery
Auto OFF	Approx. 30 minutes

Electrical Specifications

Function	Range & Resolution	Accuracy (% of reading)
AC Current (50/60Hz)	40.00A AC	±(2.5 % + 8 digits)
	400.0A AC	±(2.8 % + 5 digits)
DC Current	40.00 A DC	±(2.5 % + 5 digits)
	400.0A DC	±(2.8 % + 5 digits)
DC Voltage	400.0mV DC	±(0.8% + 2 digits)
	4.000V DC	± (1.5% + 2digits)
	40.00V DC	
	400.0V DC	
	600.0V DC	±(2 % + 2 digits)
AC Voltage (50-400Hz)	400.0mV AC	±(1.5% + 30 digits)
	4.000V AC	±(1.5% + 5 digits)
	40.00V AC	

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Function	Range & Resolution	Accuracy (% of reading)
AC Voltage (50-400Hz)	400.0V AC	±(1.5% + 5 digits)
	600.0V AC	±(2.0% + 5 digits)
Resistance	400.0Ω	±(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	±(4.0% reading + 20 digits)
	400.0nF	±(3% reading + 5 digits)
	4.000μF	
	40.00μF	
	100.0μF	±(4.0% reading + 10 digits)
Frequency	10-10kHz Sensitivity: 100V(<50Hz); 50V(50 to 400Hz; 15V(401Hz to 10kHz)	±(1.5% reading + 2 digits)
Temp (type-K) (probe accuracy not included)	-20°C to 760°C	±(3% rdg +5°C)
	-4°F to 1400°F	±(3% rdg +9°F)

Part Number Table

Description	Part Number
Clamp Meter, AC/DC, 30mm Jaw	72-14400

