

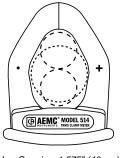








Full ranges and compliance to international safety and quality standards ensure a professional and reliable tool



Jaw Opening: 1.575" (40mm) Conductor Size: one 750kcmil cable or two 350kcmil cables

▶FEATURES

- Standard size, full function clamp-on meter
- 1000Aac or 1000Aac/DC current measurements
- 750Vac or 1000Vpc volt measurements
- TRMS measurements (Models 512 & 514)
- Resistance measurements to 4000Ω
- Continuity with beeper below 40Ω
- Frequency measurements from V and A
- Diode test
- 1ms peak function for fast capture of signals
- Hold function to "freeze" readings
- Push-button for easy ADC zeroing
- Large, easy-to-read, 4000-count display
- 42-segment analog bargraph
- · Includes test leads, soft carrying pouch and batteries

*Note: If Model 514 is to be used below 32°F (0°C), we suggest that the battery be replaced to ensure proper results.

▶ SPECIFICATIONS

MODELS		511	512 TRMS	514 TRMS
AC Current (Auto-Ranging)		0.05 to 1000A	0.05 to 1000Arms	0.05 to 1000Arms
Resolution		0.01A, 0.1A and 1A	0.01A, 0.1A and 1A	0.01A, 0.1A and 1A
	50 to 60Hz 0 to 500Hz	1.9% of Reading ± 5cts 1.9% of Reading ± 5cts	1.9% of Reading ± 5cts 1.9% of Reading ± 5cts	1.9% of Reading ± 5cts 2.5% of Reading ± 5cts
AC Voltage (Auto-Ranging)		0.5 to 750V	0.5 to 750Vrms	0.5 to 750Vrms
Resolution		0.1V and 1V	0.1V and 1V	0.1V and 1Vrms
Accuracy 6	0 to 500Hz	1.2% of Reading ± 5cts	1.2% of Reading ± 5cts	1.5% of Reading ± 5cts
Input Impedance		10ΜΩ	10ΜΩ	10MΩ
DC Current (Auto-	Ranging)	_	_	1A to 1000A
Resolution		_	_	0.01A, 0.1A and 1A
Accuracy		_	_	±2.5% of Reading ± 10cts
DC Voltage (Auto-Ranging)		0.2 to 1000V	0.2 to 1000V	0.2 to 1000V
Resolution		0.1V and 1V	0.1V and 1V	0.1V and 1Vrms
Accuracy		0.75% of Reading ± 2cts	0.75% of Reading ± 2cts	1% of Reading ± 2cts
Input Impedance		10MΩ	10MΩ	10MΩ
Resistance		0.2 to 4000Ω	0.2 to 4000Ω	0.2 to 4000Ω
Accuracy		1% of Reading ± 2cts	1% of Reading ± 2cts	1% of Reading ± 2cts
Max Test Voltage		3VDC	3V _{DC}	3V _{DC}
Diode Test		0.6mA	0.6mA	1.7mA
Open Circuit Voltage		3VDC	3V _{DC}	3V _{DC}
Continuity		<40Ω	<40Ω	<40Ω
Max Test Voltage		3VDC	3VDC	3VDC
Frequency (Auto-F	Ranging)			
CURRENT INPUT				
Range	4kHz	1Hz Resolution	1Hz Resolution	1Hz Resolution
	10kHz	_	_	10Hz Resolution
Accuracy 20H	lz to 10kHz	0.1% of Reading ± 1ct	0.1% of Reading ± 1ct	0.1% of Reading ± 1ct
Min Input Signal	4kHz	2Arms	2Arms	2Arms
	10kHz	_	_	5Arms
VOLTAGE INPUT				
Range	4kHz	1Hz Resolution	1Hz Resolution	1Hz Resolution
_	10kHz	10Hz Resolution	10Hz Resolution	10Hz Resolution
Accuracy 10H	lz to 10kHz	0.1% of Reading ± 1ct	0.1% of Reading ± 1ct	0.1% of Reading ± 1ct
Min Input Signal	4kHz	5Vrms	5Vrms	5Vrms
	10kHz	5Vrms	5Vrms	10Vrms
Power Source		9V Alkaline battery (included)		
ENVIRONMENT	AL			
Operating Tempe	rature	32° to 104°F (0° to 40°C) < 80% RH, non-condensing	32° to 104°F (0° to 40°C) < 80% RH, non-condensing	*-14° to 122°F (-25° to 50°C) 80% RH. non-condensing



▶PRODUCT INCLUDES

Soft carrying case, a pair of test leads, 9V battery and user manual.

CATALOG NO.	DESCRIPTION		
2117.67	Clamp-On Meter Model 511 (AC, 1000Aac, 750Vac/1000Vpc, Ohms, Continuity, Hz)		
2117.68	Clamp-On Meter Model 512 (TRMS, 1000Aac, 750Vac/1000Vpc, Ohms, Continuity, Hz)		
2117.70	Clamp-On Meter Model 514 (AC/DC, TRMS, 1000Aac/Dc, 750Vac/1000Vpc, Ohms, Continuity, Hz)		

