



Clamp-on Meter Model 514

Economical

Cat. #2117.70

TRMS, 1000AAC/DC, 750VAC/1000VDC, Auto-Ranging

Measures a complete set of ranges for AC voltage and current, DC voltage, continuity (with beeper), frequency (voltage or current), and resistance. Performs diode checks. Uses Hall sensor technology to provide both DC and AC current measurements to 1000A. In compliance with international safety and quality standards. Auto-ranging provides the best measurement range and resolution for troubleshooting, including high-resolution 40A range.


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Voltage Range:	750V ACrms, 1000V DC Auto-Ranging
Resolution Max:	0.1V
Current Range:	1000Arms AC/DC
Resolution Max:	0.01A
Accuracy V Typical:	1.5% ± 5cts
Accuracy A Typical:	1.9% ± 5cts
Continuity:	<40Ω
Resistance:	400Ω
Diode:	Yes
Frequency:	10kHz in V, 4kHz in A
MIN/MAX/PEAK-/PEAK+	Yes
ΔREL:	Yes
Power Source:	1 x 9V, IEC 6LR61
Battery Life:	40 hours
Dimensions:	9.53 x 2.6 x 1.42" (242 x 66 x 36mm)
Weight:	14.1 oz. (400g) with battery
Jaw Opening:	1.575" (40mm)
Operating Temperature:	+32° to 104°F (0° to +40°C)
Storage Temperature:	+14° to 140°F (-10° to +60°C)

For more details, download the datasheet or user manual at www.aemc.com

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Operating Humidity:	80% up to 104°F (40°C)
Pollution Degree:	2
Safety Compliance:	EN/IEC 61010 to 300V CAT IV, 600V CAT III, 1000V CAT II 

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