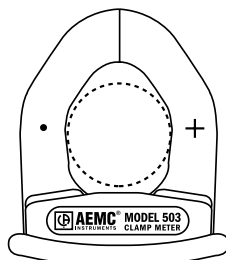


CLAMP-ON METERS

500 Series

Models 500, 502 & 503

**Small compact size
clamp-meter that
fits comfortably in
a tool bag**



Jaw Opening: 1.1" (28mm)
Conductor Size: one 500kcmil cable



SPECIFICATIONS

MODELS	500	502 TRMS	503
AC Current (Auto-Ranging)	0.05 to 400A	0.05 to 400Arms	0.05 to 400A
Resolution	0.1A	0.01A and 0.1A	0.01A and 0.1A
Accuracy	50 to 60Hz $\pm 2\%$ of Reading ± 5 cts 60 to 500Hz $\pm 2.8\%$ of Reading ± 5 cts	$\pm 1.9\%$ of Reading ± 5 cts $\pm 2.5\%$ of Reading ± 5 cts	$\pm 1.5\%$ of Reading ± 10 cts $\pm 2.5\%$ of Reading ± 10 cts
AC Voltage (Auto-Ranging)	0.5 to 600V	0.5 to 600Vrms	0.5 to 600V
Resolution	0.1V and 1V	0.1V and 1V	0.1V and 1V
Accuracy	50 to 60Hz $\pm 1.0\%$ of Reading ± 5 cts 60 to 500Hz $\pm 1.5\%$ of Reading ± 5 cts	$\pm 1.5\%$ of Reading ± 5 cts $\pm 1.5\%$ of Reading ± 5 cts	$\pm 0.8\%$ of Reading ± 5 cts $\pm 1.5\%$ of Reading ± 5 cts
Input Impedance	1M Ω	1M Ω	10M Ω
DC Current (Auto-Ranging)	—	—	0.10 to 400A
Resolution	—	—	0.01A and 0.1A
Accuracy	—	—	$\pm 2.5\%$ of Reading ± 10 cts
DC Voltage (Auto-Ranging)	—	0.2 to 600V	0.2 to 600V
Resolution	—	0.1V and 1V	0.1V and 1V
Accuracy	—	$\pm 1\%$ of Reading ± 2 cts	$\pm 1\%$ of Reading ± 2 cts
Input Impedance	—	1M Ω	10M Ω
Resistance	0.3 to 400 Ω	0.2 to 400 Ω	0.2 to 400 Ω
Accuracy	$\pm 1.9\%$ of Reading ± 3 cts	$\pm 1\%$ of Reading ± 2 cts	$\pm 1\%$ of Reading ± 2 cts
Max Test Voltage	-1.6Vdc	1.5Vdc	1.5Vdc
Continuity	<35 Ω	<40 Ω	<40 Ω
Max Test Voltage	1.5Vdc	1.5Vdc	1.5Vdc
Frequency (Auto-Ranging)			
CURRENT INPUT			
Range	20Hz to 4kHz >4kHz to 10kHz	1Hz Resolution 10Hz Resolution	—
Accuracy	—	$\pm 0.1\%$ of Reading ± 1 ct	—
Min Input Signal	—	2Arms	—
Input Impedance	—	1M Ω	—
Overload Protection	—	600Arms	—
VOLTAGE INPUT			
Range	10Hz to 4kHz >4kHz to 40kHz >40kHz to 400kHz	1Hz Resolution 10Hz Resolution 100Hz Resolution	—
Accuracy	—	$\pm 0.1\%$ of Reading ± 1 ct	—
Min Input Signal	4kHz 40kHz 400kHz	5Vrms 5Vrms 5Vrms	—
Input Impedance	—	1M Ω	—
Overload Protection	—	600Vrms	—
Power Source	Two 1.5V AAA batteries (included)		



FEATURES

- Compact size - fits into your pocket
- 400AAC or 400AAC/DC current measurements
- 600VAC/DC volts measurements
- TRMS measurements (Model 502)
- Resistance measurements to 400 Ω
- Continuity with beeper below 40 Ω
- Frequency measurements from V and A (Model 502)
- Hold function to "freeze" readings
- Push-button for easy Δ dc zeroing (Model 503)
- Large, easy-to-read 4000-count display
- 42-segment analog bargraph
- Includes test leads and soft carrying pouch

PRODUCT INCLUDES

Soft carrying case, set of two test leads,
two 1.5V AAA batteries and user manual.



CATALOG NO. DESCRIPTION

2117.54	Clamp-On Meter Model 500 (AC, 400AAC, 600VAC, Ohms, Continuity)
2117.66	Clamp-On Meter Model 502 (TRMS, 400AAC, 600VAC/dc, Ohms, Continuity)
2117.22	Clamp-On Meter Model 503 (AC/DC, 400AAC/dc, 600VAC/dc, Ohms, Continuity)