

Special product features

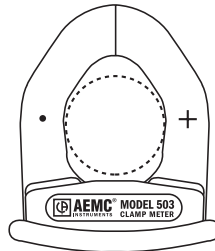


# CLAMP-ON METERS

## 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
<b>AC Current</b> (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 ±2% of Reading ± 5cts 60 to 500Hz ±2.8% of Reading ± 5cts	±1.9% of Reading ± 5cts ±2.5% of Reading ± 5cts	±1.5% of Reading ± 10cts ±2.5% of Reading ± 10cts
<b>AC Voltage</b> (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 ±1.0% of Reading ± 5cts 60 to 500Hz ±1.5% of Reading ± 5cts	±1.5% of Reading ± 5cts ±1.5% of Reading ± 5cts	±0.8% of Reading ± 5cts ±1.5% of Reading ± 5cts
Input Impedance	1MΩ	1MΩ	10MΩ
<b>DC Current</b> (Auto-Ranging)	–	–	0.10 to 400A
Resolution	–	–	0.01A and 0.1A
Accuracy	–	–	±2.5% of Reading ± 10cts
<b>DC Voltage</b> (Auto-Ranging)	–	0.2 to 600V	0.2 to 600V
Resolution	–	0.1V and 1V	0.1V and 1V
Accuracy	–	±1% of Reading ± 2cts	±1% of Reading ± 2cts
Input Impedance	–	1MΩ	10MΩ
<b>Resistance</b>	0.3 to 400Ω	0.2 to 400Ω	0.2 to 400Ω
Accuracy	±1.9% of Reading ± 3cts	±1% of Reading ± 2cts	±1% of Reading ± 2cts
Max Test Voltage	-1.6Vdc	1.5Vdc	1.5Vdc
<b>Continuity</b>	<35Ω	<40Ω	<40Ω
Max Test Voltage	1.5Vdc	1.5Vdc	1.5Vdc
<b>Frequency</b> (Auto-Ranging)			
<b>CURRENT INPUT</b>			
Range	20Hz to 4kHz >4kHz to 10kHz	1Hz Resolution 10Hz Resolution	–
Accuracy	–	±0.1% of Reading ± 1ct	–
Min Input Signal	–	2Arms	–
Input Impedance	–	1MΩ	–
Overload Protection	–	600Arms	–
<b>VOLTAGE INPUT</b>			
Range	10Hz to 4kHz >4kHz to 40kHz >40kHz to 400kHz	1Hz Resolution 10Hz Resolution 100Hz Resolution	–
Accuracy	–	±0.1% of Reading ± 1ct	–
Min Input Signal	4kHz 40kHz 400kHz	5Vrms 5Vrms 5Vrms	–
Input Impedance	–	1MΩ	–
Overload Protection	–	600Vrms	–
<b>Power Source</b>	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 400Ω
- Continuity with beeper below 40Ω
- Frequency measurements from V and A (Model 502)
- Hold function to “freeze” readings
- Push-button for easy A/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)