

CLAMP-ON METERS

500 SERIES

MODEL 503 & 505

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

SPECIFICATIONS

MODEL	503	505
ELECTRICAL		
AC Current (Auto-Ranging)	0.05 to 400A	
Resolution	0.01A and 0.1A	
AC Voltage (Auto-Ranging)	0.5 to 600V	
Resolution	0.1V and 1V	
Input Impedance	10MΩ	
DC Current (Auto-Ranging)	0.10 to 400A	
Resolution	0.01A and 0.1A	
DC Voltage (Auto-Ranging)	0.2 to 600V	
Resolution	0.1V and 1V	
Input Impedance	10MΩ	
Resistance	0.2 to 400Ω	0.2 to 600Ω
Max Test Voltage	1.5Vdc	
Continuity	<40Ω	<35Ω
Max Test Voltage	1.5Vdc	
Zero Mode / Delta Function	Yes	
Peak Function	No	Yes
MECHANICAL		
Dimensions	7.6 x 1.97 x 1.1" (193 x 50 x 28mm)	7.83 x 2.95 x 1.42" (199 x 75 x 36mm)
Weight	8.11 oz. (230g) with batteries	8.57 oz. (243g) with batteries
Jaw Opening	1.1" (28mm)	1.18" (30mm)
Power Source	2 x AAA, IEC LR3 (included)	
Battery Life	80 hours	40 hours
ENVIRONMENTAL		
Operating Temperature	+32° to 104°F (0° to +40°C)	
Storage Temperature	+14° to 140°F (-10° to +60°C)	
Operating Humidity	80% up to 104°F (40°C)	<70%
Pollution Degree	2	
SAFETY		
Safety Standards	EN/IEC 61010 to 300V CAT III, 600V CAT II	EN/IEC 61010 to 600V CAT III

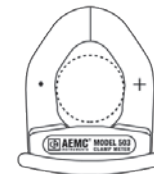
PRODUCT INCLUDES

Soft carrying case, set of (2) test leads, (2) 1.5V AAA batteries and a user manual.



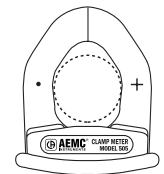
503

505



503

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



505

Jaw Opening:
1.18" (30mm)
Conductor Size:
500kcmil cable

FEATURES

- Compact size - fits into your pocket
- 400Aac or 400Aac/dc current measurements
- 600Vac/dc volts measurements
- Resistance measurements to 400Ω / 600Ω
- Continuity with beeper below 40Ω / 35Ω
- Hold function to "freeze" readings
- Push-button for easy Abc zeroing
- Large, easy-to-read 4000 / 6000-cts LCD Display
- 42-segment analog bar graph
- Includes test leads and soft carrying pouch

CATALOG NO.	DESCRIPTION
2117.22	Clamp-On Meter Model 503 (AC/DC, 400Aac/dc, 600Vac/dc, Ohms, Continuity)
2139.82	Clamp-On Meter Model 505 (TRMS, AC/DC, 400Aac/dc, 600Vac/dc, Ohms, Continuity) RATED 600V CAT III



Technical Assistance (800) 343-1391

www.aemc.com