

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

Models 500, 502 & 503

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



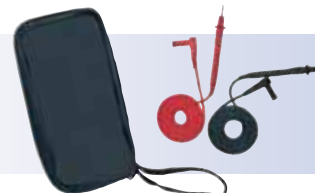
SPECIFICATIONS

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: ±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
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: ±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
DC Current (Auto-Ranging)	–	–	0.10 to 400A
Resolution	–	–	0.01A and 0.1A
Accuracy	–	–	±2.5% of Reading ± 10cts
DC Voltage (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
Resistance	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
Continuity	<35Ω	<40Ω	<40Ω
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	–	±0.1% of Reading ± 1ct	–
Min Input Signal	–	2Arms	–
Input Impedance	–	1MΩ	–
Overload Protection	–	600Arms	–
VOLTAGE INPUT			
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	–
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 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



Set of two test leads, two 1.5V AAA batteries, soft carrying case and user manual.

CATALOG NO.	DESCRIPTION	PRICE	NIST CALIBRATION
2117.54	Clamp-On Meter Model 500 (AC, 400AAC, 600VAC, Ohms, Continuity)	\$ 69.00	\$68.00
2117.66	Clamp-On Meter Model 502 (TRMS, 400AAC, 600VAC/DC, Ohms, Continuity)	\$119.00	\$68.00
2117.22	Clamp-On Meter Model 503 (AC/DC, 400AAC/DC, 600VAC/DC, Ohms, Continuity)	\$149.00	\$68.00

