

CLAMP-ON METERS

400 & 600 SERIES GENERAL PURPOSE METERS



MODELS 404 & 606

Users can be sure of working in a higher degree of safety with 1000 V CAT IV



FEATURES

- 1000 V CAT IV Rated
- UL 94 VI flame retardant self-extinguishing
- 10,000-count blue electroluminescent backlit display
- Measures up to 2000 A_{AC} and 3000 A_{DC} (model dependent)
- Measures W, VA, var and PF for single- and three-phase balanced systems (Model 606)
- Measures frequency to 20 kHz with 0.1 Hz resolution
- Auto selects AC or DC measurement voltage
- True InRush® current measurement with 100 mS capture
- Jaw opening up to:
 - 1.90 inches (48 mm) (400 series),
 - 2.36 inches (60 mm) (600 series)
- K-thermocouple and adapter included (Model 404)

MODELS	404	606
ELECTRICAL		
Current AC (rms)	1000 A	2000 A
Current DC	1500 A	3000 A
Current AC+DC	-	2000 A Peak
Voltage AC (rms)	1200 V	
Voltage DC	1700 V	
Voltage AC+DC	1700 V Peak	
Ohms	0.1 Ω to 99.99 kΩ	
Continuity (Buzzer)	Yes (< 40 Ω)	
Diode Test	Yes	
THD	-	Yes
Single- and 3-Phase Real Power (AC, DC, AC / DC)*	-	2400 kW
Single- and 3-Phase Reactive Power (AC, DC, AC / DC)*	-	2400 kvar
Single- and 3-Phase Apparent Power (AC, DC, AC / DC)*	-	2400 kVA
Temperature (int., ext., °C, °F)	Yes	-
Voltage Frequency	20 kHz	
Current Frequency	2 kHz	1 kHz
Power Factor	-	Yes
THD-r / THD-f	-	Yes
Current Probe Adapter Function (AC / DC)	Yes	-
Phase Rotation	-	Yes
Auto AC / DC	Yes (V & A)	
Auto Power OFF	Yes	
Hold Button	Yes	
Backlight Button	Yes	
Min / Max Button	Yes	
True InRush® Function	Yes	
Relative Function	Yes	
Peak ± Function	-	Yes
Hz Button	Yes	

*Three-phase measurements assume balanced load
Consult factory for NIST Calibration prices.

PRODUCT INCLUDES

CAT. #2139.22 Includes set of (2) color-coded silicone insulated test leads, test probes and alligator clips, K-thermocouple with 4 mm integrated adapter, soft carrying case, (4) 1.5 V AA batteries, and user manual.

CAT #2139.62 Includes set of (2) color-coded silicone insulated test leads, test probes and alligator clips, soft carrying case, (4) 1.5 V AA batteries, and user manual.

CAT. #	DESCRIPTION
2139.22	Clamp-On Meter Model 404 (TRMS, 1200 V _{AC} /1700 V _{DC} , 1000 A _{AC} /1500 A _{DC} , Ohms, Continuity, Temperature)
2139.62	Clamp-On Meter Model 606 (TRMS, 1200 V _{AC} /1700 V _{DC} , 2000 A _{AC} /3000 A _{DC} , Ohms, Continuity, Power, THD)

CLAMP-ON METERS

SELECTION GUIDE

Models	CAT. #	Type	AC Current	AC Voltage	DC Current	DC Voltage	Resistance (Ω)	Continuity	Frequency (Hz)		Jaw Size	Dimensions
									Current	Voltage		
205	2139.40	AC / DC TRMS	600 A	1000 V	900 A	1000 V	60 k Ω	< 40 Ω	3 kHz	20 kHz	1.34 in (34 mm)	(8.7 x 3.1 x 1.65) in
404	2139.22	AC / DC TRMS	1000 A	1200 V	1500 A	1700 V	100 k Ω	< 40 Ω	2 kHz	20 kHz	1.89 in (48 mm)	(10.7 x 3.6 x 1.6) in
407	2139.51	AC / DC TRMS	1000 A	1000 V	1500 A	1000 V	100 k Ω	< 40 Ω	2 kHz	20 kHz	1.89 in (48 mm)	(10.7 x 3.6 x 1.6) in
606	2139.62	AC / DC TRMS	2000 A	1200 V	3000 A	1700 V	100 k Ω	< 40 Ω	1 kHz	20 kHz	2.36 in (60 mm)	(11.65 x 4.37 x 1.61) in
607	2139.61	AC / DC TRMS	2000 A	1000 V	3000 A	1000 V	100 k Ω	< 40 Ω	1 kHz	20 kHz	2.36 in (60 mm)	(11.65 x 4.37 x 1.61) in
505	2139.82	AC / DC TRMS	400 A	600 V	400 A	600 V	600 Ω	< 35 Ω	400 Hz		1.18 in (30 mm)	(7.83 x 2.95 x 1.42) in
514	2117.70	AC / DC TRMS	1000 A	750 V	1000 A	1000 V	4000 Ω	< 40 Ω	10 kHz		1.58 in (40 mm)	(9.53 x 2.60 x 1.42) in
566*	2139.83	AC TRMS	100 A	600 V	—	600 V	600 k Ω	< 45 Ω	500 Hz		0.91 in (23 mm)	(8.27 x 3.0 x 1.32) in
CM605	7000.02	AC / DC	100 A	600 V	100 A	600 V	9999 Ω	< 100 Ω	500 Hz		0.60 in (15 mm)	(7.95 x 2.76 x 1.33) in

*Model 566 can be found in the Leakage Current Meters & Probes.
Consult factory for NIST Calibration prices.