

CLAMP-ON METERS

200, 400 & 600 SERIES

GENERAL PURPOSE METERS

MODELS 404/606 & 205/405

Users can be sure of working in a higher degree of safety with 1000 V CAT IV rated meters (model dependent)



404

606

205

405



*205 only



SPECIFICATIONS

MODELS	404/606 TRMS	205/405 TRMS
ELECTRICAL		
Current AC (rms)	(1000 / 2000) A	(600 / 1000) A
Current DC	(1500 / 3000) A	(900 / 1500) A
Current AC+DC	- / 3000 A	(900 / 1500) A
Voltage AC (rms)	1200 V	(1000 / 1000) V
Voltage DC	1700 V	(1000 / 1000) V
Voltage AC+DC	- / 1700 V	(1000 / 1000) V
Ohms	0.1 Ω to 99.99 kΩ	(60 / 100) kΩ
Continuity (Buzzer)	Yes (< 40 Ω)	
Diode Test	Yes	
THD	Yes (model 606)	Yes (model 405)
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	- / 2400 kW	(600 / 1000) kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	- / 2400 kvar	(600 / 1000) kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	- / 2400 kVA	(600 / 1000) kVA
Temperature (int., ext., °C, °F)	Yes (model 404)	-
Voltage Frequency	20 kHz	
Current Frequency	1.000 Hz / 1000 Hz	(3 / 2 / 1) kHz
Power Factor	Yes (model 606)	Yes
THD-r / THD-f	Yes (model 606)	Yes / Yes
Current Probe Adapter Function (AC/DC)	Yes (model 404)	-
Phase Rotation	Yes (model 606)	Yes (2 wire)
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 (model 606)	Yes
Hz Button	Yes	

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

FEATURES

- 1000 V CAT IV Rated (Models 404, 606 & 405)
- UL 94 VI flame retardant self-extinguishing
- 10,000-count (400 & 600 series) and 6000 count (200 series) blue electroluminescent backlit display
- Measures up to 1000 V_{AC} (1400 V peak), 1000 V_{DC} and AC+DC with resolution to 10 mV
- 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 (Models 205, 405 & 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: 1.34 in (34 mm) (200 series), 1.89 in (48 mm) (400 series), 2.36 in (60 mm) (600 series)
- K-thermocouple and adapter included (Models 404)

PRODUCT INCLUDES

Catalog #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.

Catalog #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.

Catalog #2139.40 Includes set of (2) 5 ft (1.5 m) needle tip color-coded leads with 4 mm right angle plug, soft carrying case, (1) 9 V battery and user manual.

Catalog #2139.50 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

CATALOG NO. 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, Energy, Power, THD)
2139.40	Power Clamp-On Meter Model 205 (TRMS, 1000 V _{AC/DC} , 600 A _{AC} /900 A _{DC} , Ohms, Continuity, Phase Rotation, Power, THD)
2139.50	Power Clamp-On Meter Model 405 (TRMS, 1000 V _{AC/DC} , 1000 A _{AC} /1500 A _{DC} , Phase Rotation, Ohms, Continuity, Power, THD)