

CLAMP-ON METERS

200 SERIES GENERAL PURPOSE METERS



POWER CLAMP-ON MODEL 205

Measures AC+DC volts and amps, frequency, continuity, resistance, power, Power Factor and phase rotation



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FEATURES

- UL 94 VI flame retardant self-extinguishing
- 6000 count 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 W, VA, var and PF for single- and three-phase balanced system
- 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)

MODELS	205 TRMS
ELECTRICAL	
Current AC (rms)	600 A
Current DC	900 A
Current AC+DC	900 A
Voltage AC (rms)	1000 V
Voltage DC	1000 V
Voltage AC+DC	1000 V
Ohms	(60 / 100) kΩ
Continuity (Buzzer)	Yes (< 40 Ω)
Diode Test	Yes
Single- and 3-Phase Real Power (AC, DC, AC / DC)*	600 kW
Single- and 3-Phase Reactive Power (AC, DC, AC / DC)*	900 kvar
Single- and 3-Phase Apparent Power (AC, DC, AC / DC)*	900 kVA
Voltage Frequency	20 kHz
Current Frequency	3 kHz
Power Factor	Yes
THD-r / THD-f	Yes
Phase Rotation	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
Hz Button	Yes

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

PRODUCT INCLUDES

CAT. #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.



CAT. # DESCRIPTION

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)

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	2 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.