

CLAMP-ON METERS

200, 400 & 600 Series General Purpose Meters

Special product features



Models 203/403/603 & 205/405/605

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



*Models 203 & 205 only

► FEATURES

- 1000V CAT IV Rated (Models 403/603 & 405/605)
- UL 94 VI flame retardant self-extinguishing
- IP54 Rated
- 10,000-count (400 & 600 Series) and 6000 count (200 Series) blue electroluminescent backlit display
- Measures up to 1000V_{AC} (1400V peak), 1000V_{DC} and AC+DC with resolution to 10mV
- Measures up to 2000A_{AC} and 3000A_{DC} (model dependent)
- Measures single- and three-phase power (real, reactive and apparent) up to 3MW with resolution to 1W (model dependent)
- Measures W, VA, var and PF for 1Φ & 3Φ balanced systems (Models 205, 405 & 605)
- Measures frequency to 20kHz with 0.1Hz resolution
- Auto selects AC or DC measurement voltage
- True InRush[®] current measurement with 1mS capture
- Jaw opening up to 1.33" (34mm) (200 series), 1.89" (48mm) (400 series) and 2.36" (60mm) (600 series)
- K-thermocouple and adapter included (Models 203, 403 & 603)

► SPECIFICATIONS

MODELS	203/403/603 TRMS	205/405/605 TRMS
ELECTRICAL		
Current AC (rms)	600/1000/2000A	600/1000/2000A
Current DC	900/1500/3000A	900/1500/3000A
Current AC+DC	–	900/1500/3000A
Voltage AC (rms)	1000/1000/1000V	1000/1000/1000V
Voltage DC	1000/1000/1000V	1000/1000/1000V
Voltage AC+DC	–	1000/1000/1000V
Ohms	60/100/100kΩ	60/100/100kΩ
Continuity (Buzzer)	Yes (< 40Ω)	Yes (< 40Ω)
Diode Test	Yes	Yes
Total Harmonic Distortion	–	Yes
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	–	600/1000/2000kW 3000/6000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	–	600/1000/2000kvar 3000/6000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	–	600/1000/2000kVA 3000/6000kVA
Temperature (int., ext., C°, F°)	Yes	–
Voltage Frequency (Hz)	20kHz	20kHz
Current Frequency (Hz)	3/2/1kHz	3/2/1kHz
Power Function (W, var, VA)	–	Yes
Power Factor	–	Yes
THD-r/THD-f	–	Yes
Adapter (AC/DC)	0 to 6V	–
Phase Rotation	–	Yes (2 wire)
Auto AC/DC	Yes (V & A)	Yes (V & A)
Auto Power OFF	Yes	Yes
Hold Button	Yes	Yes
Backlight Button	Yes	Yes
Min/Max Button	Yes	Yes
True InRush [®] Function	Yes	Yes
Relative Function	Yes	Yes
Peak ± Function	–	Yes
Hz Button	Yes	Yes

*3-phase measurements assume balanced load

CATALOG NO. DESCRIPTION

2139.12	Clamp-On Meter Model 203 (TRMS, 1000V _{AC} /DC, 600A _{AC} /900A _{DC} , Ohms, Continuity, Temperature)
2139.40	Power Clamp-On Meter Model 205 (TRMS, 1000V _{AC} /DC, 600A _{AC} /900A _{DC} , Ohms, Continuity, Phase Rotation, Power, THD)
2139.21	Clamp-On Meter Model 403 (TRMS, 1000V _{AC} /DC, 1000A _{AC} /1500A _{DC} , Ohms, Continuity, Temperature)
2139.50	Power Clamp-On Meter Model 405 (TRMS, 1000V _{AC} /DC, 1000A _{AC} /1500A _{DC} , Phase Rotation, Ohms, Continuity, Power, THD)
2139.31	Clamp-On Meter Model 603 (TRMS, 1000V _{AC} /DC, 2000A _{AC} /3000A _{DC} , Ohms, Continuity, Temperature)
2139.60	Power Clamp-On Meter Model 605 (TRMS, 1000V _{AC} /DC, 2000A _{AC} /3000A _{DC} , Phase Rotation, Ohms, Continuity, Power, THD)

CALRIGHT INSTRUMENTS

The Right Source For Your Test & Measurement Needs

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