

CLAMP-ON METERS

200, 400 & 600 SERIES

GENERAL PURPOSE METERS

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)



SPECIFICATIONS

MODELS	203/403/603 TRMS	205/405/605 TRMS
ELECTRICAL		
Current AC (rms)	600 / 1000 / 2000A	
Current DC	900 / 1500 / 3000A	
Current AC+DC	–	900 / 1500 / 3000A
Voltage AC (rms)	1000 / 1000 / 1000V	
Voltage DC	1000 / 1000 / 1000V	
Voltage AC+DC	–	1000 / 1000 / 1000V
Ohms	60 / 100 / 100kΩ	
Continuity (Buzzer)	Yes (< 40Ω)	
Diode Test	Yes	
THD	–	Yes (models 405 & 605)
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	–	600 / 1000 / 2000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	–	600 / 1000 / 2000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	–	600 / 1000 / 2000kVA
Temperature (int., ext., C°, F°)	Yes	–
Voltage Frequency (Hz)	20kHz	
Current Frequency (Hz)	3 / 2 / 1kHz	
Power Factor	–	Yes
THD-r/THD-f	–	Yes
Current Probe Adapter Function (AC/DC)	0 to 6V (203) 0 to 10V (403/603)	–
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

CATALOG NO. DESCRIPTION

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

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*203 & 205 only



FEATURES

- 1000V CAT IV Rated (Models 403/603 & 405/605)
- 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 1000VAC (1400V peak), 1000VDC and AC+DC with resolution to 10mV
- Measures up to 2000AAC and 3000ADC (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 single- and three-phase 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 100ms capture
- Jaw opening up to 1.34" (34mm) (200 series), 1.89" (48mm) (400 series) and 2.36" (60mm) (600 series)
- K-thermocouple and adapter included (Models 203, 403 & 603)

PRODUCT INCLUDES

Visit our website or review the product manual for a list of included items.

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www.itm.com

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