

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) |



*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.