

Models 407 & 607

Now available with **Android™** mobile application



▶ FEATURES

- 1000V CAT IV Rated
- UL 94 VI flame retardant self-extinguishing
- IP54 Rated
- 10,000 count 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 607)
- Measures W, VA, var and PF for 1Φ & 3Φ balanced systems
- Measures single- and three-phase power (real, reactive and apparent) up to 3MW with resolution to 1W
- Measures frequency to 20kHz with 0.1Hz resolution
- Auto selects AC or DC measurement
- True InRush® current measurement with 1mS capture
- Measures harmonics up to the 25th
- Records up to 1000 measurements
- *Bluetooth* communication (communicates up to 30 ft)
- Includes FREE DataView® software for download and report generation
- Jaw opening up to 1.89" (400 series) and up to 2.36" (600 series)
- Leads are constructed with a flexible silicone material

▶ SPECIFICATIONS

MODELS	407 TRMS	607 TRMS
ELECTRICAL		
Current AC (rms)	1000A	2000A
Current DC	1500A	3000A
Current AC+DC	1500A Peak	3000A Peak
Voltage AC (rms)	1000V	1000V
Voltage DC	1000V	1000V
Voltage AC+DC	1000V	1000V
Ohms	100kΩ	100kΩ
Continuity (Buzzer)	Yes (< 40Ω)	Yes (< 40Ω)
Total Harmonic Distortion	Yes	Yes
Individual Harmonics (to 25 th)	Yes	Yes
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	1000kW 3000kW	2000kW 6000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	1000kvar 3000kvar	2000kvar 6000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	1000kVA 3000kVA	2000kVA 6000kVA
Voltage Frequency (Hz)	20kHz	20kHz
Current Frequency (Hz)	2kHz	2kHz
Power Function (W, var, VA)	Yes	Yes
Power Factor	Yes	Yes
THD-r/THD-f	Yes	Yes
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
Peak ± Function	Yes	Yes
Harmonics Function	Yes	Yes
Rec (Record) Function	Yes	Yes
Wireless BT (<i>Bluetooth</i>) Function	Yes	Yes
Record (Recordings)	1000	1000
Hz Button	Yes	Yes
Jaw Opening Size (Diameter)	1.89"	2.36"

*3-phase measurements assume balanced load

▶ PRODUCT INCLUDES

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Hard carrying case, set of two color-coded, silicone test leads, test probes and alligator clips, *Bluetooth* USB adapter, four 1.5V AA batteries, safety information sheet, and USB stick supplied with DataView® software and user manual.



CATALOG NO.

DESCRIPTION

2139.51	Power Clamp-On Meter Model 407 (TRMS, 1000VAC/dc, 1000AAC/1500ADc, Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)
2139.61	Power Clamp-On Meter Model 607 (TRMS, 1000VAC/dc, 2000AAC/3000ADc, Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)

