

CLAMP-ON METERS

400 & 600 Series

Authorized Distributor:

WESCHLER INSTRUMENTS

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Models 407 & 607

NEW!

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



FEATURES

- 1000V CAT IV Rated
- UL 94 flame retardant self-extinguishing
- IP54 Rated
- 10,000 count 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 607)
- 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
- 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	607
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*)	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	1kHz
Power Function	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 (Bluetooth) Function	Yes	Yes
Record (Recordings)	1000	1000
Hz Button	Yes	Yes
Jaw Opening Size (Diameter)	1.89"	2.36"
Protection Index	Housing: IP54 (per standard IEC-60529)/Jaws: IP40	

*3-phase measurements assume balanced load

PRODUCT INCLUDES

Models 407 & 607

Set of 2 color-coded silicone test leads, test probes and alligator clips, Bluetooth USB adapter, hard carrying case, four 1.5V AA batteries, DataView® software, user manual and safety information sheet.



CATALOG NO.

DESCRIPTION

2139.51	Power Clamp-On Meter Model 407 (TRMS, 1000V _{AC/DC} , 1000A _{AC} /1500A _{DC} , Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)
2139.61	Power Clamp-On Meter Model 607 (TRMS, 1000V _{AC/DC} , 2000A _{AC} /3000A _{DC} , Ohms, Continuity, Energy, Harmonics, Power, THD, Recording)



Technical Assistance (800) 343-1391

www.aemc.com