

### AEMC® 1000V-CAT IV Clamp-On Meters

**The ONLY CAT IV, 1000V clamp on the market.**

- 1000 V CAT IV Rated
- Jaw Opening up to 2.36"
- IP54 Rated
- 10,000 Count Blue Electroluminescent Backlit Display
- Records up to 1000 Measurements
- TRMS Measures up to 1000V AC, DC and AC+DC with Resolution to 10mV
- Measures up to 2000 Amps AC, 3000 Amps DC
- Measures Single and Three Phase Power (Real, Reactive and Apparent) up to 3MW with Resolution to 1W
- Displays Three Measurements Simultaneously
- Measures Frequency to 20kHz with 0.1Hz Resolution (Model Dependent)
- InRush Current Measurement with 1mS Capture, True InRush
- Measures Harmonics up to the 25th
- Phase Rotation Indication
- Agency Approved by UL, CSA, VDE, GS (TUV)
- RoHS Compliant
- Continuity Buzzer (>40Ω)

**NEW**



**F607** →

#### Specifications

Mfg #	F401/601	F403/603	F405/605	F407	F607
	General Purpose		Power & Harmonics		
<b>Electrical</b>					
Current AC (ms)	1000/2000A	600/1000/2000A	600/1000/2000A	1000A	2000A
Current DC	—	900/1500/3000A	900/1500/3000A	1500A	3000A
Current AC + DC	—	—	900/1500/3000A	1000A	2000A
Voltage AC (RMS)	1000/1000V	1000/1000/1000V	1000/1000/1000V	1000V	1000V
Voltage DC	1000/1000V	1000/1000/1000V	1000/1000/1000V	1000V	1000V
Voltage AC + DC	—	—	1000/1000/1000V	1000V	1000V
Ohms	100/100kΩ	60/100/100kΩ	60/100/100kΩ	100kΩ	100kΩ
Diode Test	Yes			N/A	N/A
Total Harmonic Distortion	—	—	Yes	N/A	N/A
Single- and 3-Phase Real Power (AC, DC, AC + DC)	—	—	600/1000/2000kW 1800/3000/6000kW	1000kW 3000kW	2000kW 6000kW
Single- and 3-Phase Reactive Power (AC, DC, AC + DC)	—	—	600/1000/2000kvar 1800/3000/6000kvar	1000kvar 3000kvar	2000kvar 6000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC + DC)	—	—	600/1000/2000kVA 1800/3000/6000kVA	1000kVA 3000kVA	2000kVA 6000kVA
Temperature (int., ext., °C, °F)	Yes	Yes	—	N/A	N/A
Current Frequency (Hz)	Models F400 Series: 2kHz Models F600 Series: 1kHz			2kHz	1kHz
Phase Rotation	—	—	Yes (2 threads)	N/A	N/A
Auto AC/DC	Yes (V)	Yes (V & A)			
Auto Shut OFF	Yes				
Hold Button	Yes				
Backlight Button	Yes				
Min/Max Button	Yes				
Inrush Function	Yes				
Relative Function	—	Yes	Yes	N/A	N/A
Peak ± Function	—	—	Yes	Yes	Yes
Bluetooth	—	—	—	Yes	Yes
Jaw Opening Size (Diameter)	1.89"/2.36"	1.34"/1.89"/2.36"	IEC 68-2-32 (1m)	IEC 68-2-32 (1m)	IEC 68-2-32 (1m)

**TRANSCAT®**

Transcat offers Accredited Reference Level Calibrations in multiple disciplines with faster turnaround than OEM's:

- Dimensional
- Temperature
- Mass, Weight, Force, Torque
- Electrical
- Pressure and Vacuum

**800-828-1470**  
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ELECTRICAL TEST