

### Models 405 & 605



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 VI flame retardant self-extinguishing
- IP54 Rated
- 10,000 count blue electroluminescent backlit display
- Measures up to 1000V<sub>AC</sub> (1400V peak), 1000V<sub>DC</sub> and AC+DC with resolution to 10mV
- Measures up to 2000A<sub>AC</sub> and 3000A<sub>DC</sub> (model dependent)
- Measures single- and three-phase power (real, reactive and apparent) up to 3MW with resolution to 1W (model dependent)
- Measures frequency to 20kHz with 0.1Hz resolution
- Auto selects AC or DC measurement voltage
- True *InRush*<sup>™</sup> current measurement with 1mS capture
- 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	405/605
<b>ELECTRICAL</b>	
Current AC (rms)	1000/2000A
Current DC	1500/3000A
Current AC+DC	1500/3000A
Voltage AC (rms)	1000/1000V
Voltage DC	1000/1000V
Voltage AC+DC	1000/1000V
Ohms	100/100k $\Omega$
Continuity (Buzzer)	Yes (< 40 $\Omega$ )
Diode Test	Yes
Total Harmonic Distortion	Yes
Single- and 3-Phase Real Power (AC, DC, AC/DC)*	1000/2000kW 3000/6000kW
Single- and 3-Phase Reactive Power (AC, DC, AC/DC)*	1000/2000kvar 3000/6000kvar
Single- and 3-Phase Apparent Power (AC, DC, AC/DC)*	1000/2000kVA 3000/6000kVA
Voltage Frequency (Hz)	20kHz
Current Frequency (Hz)	Models 400 Series: 2kHz, Models 600 Series: 1kHz
Power Function	Yes
THD-r/THD-f	Yes
Phase Rotation	Yes (2 threads)
Auto AC/DC	Yes (V & A)
Auto Power OFF	Yes
Hold Button	Yes
Backlight Button	Yes
Min/Max Button	Yes
True <i>InRush</i> <sup>™</sup> Function	Yes
Relative Function	Yes
Peak $\pm$ Function	Yes
Hz Button	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

#### CATALOG NO.

#### DESCRIPTION

2139.50	Power Clamp-On Meter Model 405 (TRMS, 1000V <sub>AC/DC</sub> , 1000A <sub>AC</sub> /1500A <sub>DC</sub> , Ohms, Continuity, Power, THD)
2139.60	Power Clamp-On Meter Model 605 (TRMS, 1000V <sub>AC/DC</sub> , 2000A <sub>AC</sub> /3000A <sub>DC</sub> , Ohms, Continuity, Power, THD)