



Clamp-on Meter Model 403

Mid-Size, Professional Functionality

Cat. #2139.21

TRMS, True InRush®, 1000V_{AC/DC}, 1000A_{AC} /1500A_{DC}

Measures voltage, current, frequency, resistance, frequency, continuity, True InRush®, and temperature. Performs diode checks. Adapter mode allows external sensor inputs to be displayed. Delta relative function allows new measurements to be compared to a reference value. Safety rated at 1000V CAT IV. IP54 rated to withstand dust and water spray.

Cat.#2139.21

Voltage Range:	1000Vrms AC/DC Autoranging
Resolution Max:	0.01V
Current Range:	1000Arms AC, 1500ADC
Resolution Max:	0.01A
Accuracy V Typical:	1% ± 3cts
Accuracy A Typical:	1% ± 3cts
InRush:	10 to 1000A
Continuity:	Selectable from 0 to 999.9Ω
Resistance:	100kΩ
Diode Test:	0 to 3.2VDC
Frequency:	20kHz in V, 2kHz in A
Temperature K Thermocouple:	-76.0 to 2192°F (-60 to 1200°C)
Adapter Function:	Yes
LCD w/backlight:	Yes
MIN/MAX:	Yes
Power Source:	4 x AA, NEDA 15A, IEC LR6
Battery Life:	>350 hours
Dimensions:	10.7 x 3.6 x 1.6" (272 x 92 x 41mm)
Weight:	1.32 lbs (600g) with batteries

For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com

customerservice@aemc.com • techsupport@aemc.com

Jaw Opening:	1.89" (48mm)
Operating Temperature:	-4° to +131°F (-20° to +55°C)
Storage Temperature:	-40° to +158°F (-40° to +70°C)
Operating Humidity:	90% up to 131°F (55°C)
Pollution Degree:	2
Ingress Protection:	IP54
EMC:	EN61326-1
Safety Compliance:	EN/IEC 61010-1 to 1000V CAT IV EN/IEC 61010-2-030:2010 EN/IEC 61010-032:2002



For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

