



## Clamp-on Meter Model 401

### Mid-Size, Professional Functionality

Cat. #2139.20

TRMS, True InRush<sup>®</sup>, 1000V<sub>AC/DC</sub>, 1000A<sub>AC</sub>

Measures voltage, current, frequency, resistance, continuity, True InRush<sup>®</sup>, and temperature. Performs diode checks. Safety rated at 1000V CAT IV. IP54 rated to withstand dust and water spray.

Voltage Range:	1000Vrms AC/DC Autoranging
Resolution Max:	0.01V
Current Range:	1000Arms AC
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)
Accuracy Temperature:	1% R ± 5.4°F (1% R ± 3°C)
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
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

For more details, download the datasheet or user manual at [www.aemc.com](http://www.aemc.com)

<b>Ingress Protection:</b>	IP54
<b>EMC:</b>	EN61326-1
<b>Safety Compliance:</b>	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](http://www.aemc.com)



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