



Clamp-on Meter Model 407

Mid-Size, Professional Functionality

Cat. #2139.51

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

Measures AC, DC and AC+DC voltage, current, and power. Also measures frequency, resistance, continuity, True InRush®, and harmonics. Performs diode checks. Performs data recording. Safety rated at 1000V CAT IV. IP54 rated to withstand dust and water spray.

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Voltage Range:	1000Vrms AC/DC/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 1000AAC, 10 to 1500ADC
Power Measurement Max:	1MW AC, 3MW DC
Harmonics:	Up to 25th
THD:	Yes, %f and %r
Continuity:	Selectable from 0 to 999.9Ω
Resistance:	100kΩ
Frequency:	20kHz in V, 2kHz in A
Power Factor:	Yes
MIN/MAX/PEAK-/PEAK+	Yes
ΔREL:	Yes
Recording:	Yes, up to 1000 points (160hours at 10min intervals)
Communication:	Bluetooth
Software:	Yes, DataView included
Power Source:	4 x AA, NEDA 15A, IEC LR6
Battery Life:	>350 hours

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

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Dimensions:	10.7 x 3.6 x 1.6" (272 x 92 x 41mm)
Weight:	1.32 lbs (600g) with batteries
Jaw Opening:	1.9" (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



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