



Power Clamp-on Meter Model 407 (Power Analyzer)

Mid-Size, Professional Functionality

Cat. #2139.51

TRMS, True InRush®, 1000 V_{AC/DC}, 1000 A_{AC} /1500 A_{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:	1000 Vrms AC/DC / AC+DC Autoranging
Resolution Max:	0.01 V
Current Range:	1000 Arms AC, 1500 ADC
Resolution Max:	0.01 A
Accuracy V Typical:	1 % ± 3 cts
Accuracy A Typical:	1 % ± 3 cts
InRush:	(10 to 1000) AAC, 10 to 1500 ADC
Power Measurement Max:	1 MW AC, 3 MW DC
Harmonics:	Up to 25 th
THD:	Yes, %f and %r
Continuity:	Selectable from 0 to 999.9 Ω
Resistance:	100 kΩ
Frequency:	V: 20 kHz A: 2 kHz
Power Factor:	Yes
MIN/MAX/PEAK-/PEAK+	Yes
ΔREL:	Yes
Recording:	Yes, up to 1000 points (160 h at 10 min intervals)
Communication:	Bluetooth
Software:	Yes, DataView included
Power Source:	(4) AA, NEDA 15 A, IEC LR6

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

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Battery Life:	> 350 h
Dimensions:	(10.7 x 3.6 x 1.6) in (272 x 92 x 41) mm
Weight:	1.32 lbs (600 g) with batteries
Jaw Opening:	1.9in (48 mm)
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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