



Clamp-on Meter Model 205

Compact Size, Professional Functionality

Cat. #2139.40

TRMS, 1000V_{AC/DC}, 600A_{AC}/900A_{DC}

Measures AC+DC voltage and current, frequency, continuity, resistance, power, Power Factor, phase rotation, and THD. 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. MIN/MAX function tracks high and low values. Also tracks peak+ and peak- values. Safety rated at 600V CAT IV. IP54 rated to withstand dust and water spray.

Voltage Range:	1000Vrms AC/DC/AC+DC Auto-ranging
Resolution Max:	0.01V
Current Range:	600Arms AC, 900ADC
Resolution Max:	0.01A
Accuracy V Typical:	1% ± 3cts
Accuracy A Typical:	1% ± 3cts
InRush:	6 to 600AAC, 6 to 900ADC
Power Measurement Max:	600kW AC, 900kW DC
THD:	Yes, %f and %r
Continuity:	Selectable from 0 to 599.9Ω
Resistance:	60kΩ
Diode Test:	0 to 3.2VDC
Frequency:	20kHz in V, 3kHz in A
Power Factor:	Yes
Phase Order:	Yes
MIN/MAX/PEAK-/PEAK+	Yes
ΔREL:	Yes
Power Source:	1 x 9V, IEC LF22
Battery Life:	>120 hours
Dimensions:	8.7 x 3.0 x 1.65" (222 x 78 x 42mm)
Weight:	12.0 oz. (340g) with battery
Jaw Opening:	1.34" (34mm)
Operating Temperature:	-4° to +131°F (-20 to +55°C)

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

Storage Temperature:	-40° to +158°F (-40 to +70°C)
Operating Humidity:	90% up to 131°F (55°C)
Pollution Degree:	2
Ingress Protection:	IP40
EMC:	EN61326-1
Safety Compliance:	EN/IEC 61010-1: 1000V CAT III, 600V CAT IV EN/IEC 61010-2-030:2010 EN/IEC 61010-032:2002

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