



Clamp-on Meter Model 603

Large Size, Professional Functionality

Cat. #2139.31

TRMS, True InRush[®], 1000V_{AC/DC}, 2000A_{AC} /3000ADC

Measures voltage, current, frequency, resistance, continuity, True InRush[®], and temperature. Performs diode checks. Performs data recording. 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.

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| Voltage Range: | 1000Vrms AC/DC Autoranging |
| Resolution Max: | 0.01V |
| Current Range: | 2000Arms AC, 3000ADC |
| Resolution Max: | 0.01A |
| Accuracy V Typical: | 1% ± 3cts |
| Accuracy A Typical: | 1% ± 3cts, 5% ± 5cts |
| 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 |
| MIN/MAX: | Yes |
| ΔREL: | Yes |
| Power Source: | 4 x AA, NEDA 15A, IEC LR6 |
| Battery Life: | >350 hours |
| Dimensions: | 11.65 x 4.37 x 1.61" (296 x 111 x 41mm) |
| Weight: | 1.4 lbs (640g) with batteries |
| Jaw Opening: | 2.36" (60mm) |

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

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|-------------------------------|--|
| 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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