

## DIGITAL MULTIMETER

## TECHNICAL DATA

### FEATURES

- True RMS AC/DC voltage and current measurements
- 40,000-count resolution
- Measures frequency, capacitance and temperature
- Diode check and continuity test
- Backlit LCD readout with analog bar graph
- 1000V input protection on all ranges
- 4-20 mA process loop measurements with % readout
- Data hold, Max/Min recording mode
- Peak capture mode
- UL approved
- IP67 dust and waterproof
- EN61010-1 Cat. IV 600V, Cat. III 1000V
- Includes **AD-1** temperature input adapter, **TP-01** Type K thermocouple wire probe, **TL-88-1** test leads, **6AM6X** 9V battery, and **CA-05A** carrying case

### SPECIFICATIONS

**AC/DC Voltage Range:** 1000V  
**Accuracy:** AC:  $\pm 1.0\%$ ; DC:  $\pm 0.05\%$   
**AC/DC Current Range:** 10A  
**Accuracy:** AC:  $\pm 1.5\%$ ; DC:  $\pm 1.0\%$   
**Resistance Range:** 40M $\Omega$   
**Accuracy:**  $\pm 0.3\%$   
**Frequency Range:** 10MHz  
**Accuracy:**  $\pm 0.1\%$   
**Capacitance Range:** 40mF  
**Accuracy:**  $\pm 3.5\%$   
**Duty Cycle Range:** 99.9%  
**Accuracy:**  $\pm 1.2\%$   
**Temperature Range:** 760°C (1400°F)  
**Accuracy:**  $\pm 1.0\%$   
**Dimensions:** 182 x 82 x 55mm  
**Weight:** 360 g



### ORDERING INFORMATION

R5010.....True RMS Digital Multimeter  
CP-09..... AC Current Adapter  
FC-300.....Fused Test Lead Set  
CERTIMM1.....NIST Calibration Certificate  
R5010-NIST.....Digital Multimeter & NIST

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