

AC/DC CLAMP METER

TECHNICAL DATA

FEATURES

- Measures AC and DC voltage and current, resistance, capacitance and frequency as well as temperature with the included type K thermocouple probe
- True RMS AC measurements
- Diode and continuity test with beeper
- 50,000-count digital display with 61-segment analog bar graph and backlight
- Max/Min and Relative (zero) functions
- Data Hold function
- Auto or manual ranging
- Low battery indication and auto power-off
- Double molded plastic housing
- Conforms to EN61010 600V Cat. III
- Includes test leads, temperature probe, 9V battery and carrying case

SPECIFICATIONS

AC/DC Current Range: 500.00, 1000.0A

Accuracy: AC: $\pm(2.8\% \text{ rdg.} + 30 \text{ dgt.})$; DC: $\pm(2.5\% \text{ rdg.} + 30 \text{ dgt.})$

AC Voltage Range: 500.00mV, 5.000, 50.00, 500.0, 750.0V

Accuracy: $\pm(1.0\% \text{ rdg.} + 30 \text{ dgt.})$

DC Voltage Range: 500.00mV, 5.000, 50.00, 500.0, 1000.0V

Accuracy: $\pm(0.1\% \text{ rdg.} + 4 \text{ dgt.})$

Resistance Range: 500.00 Ω , 5.000, 50.00, 500.0k Ω , 5.000, 50.00M Ω

Accuracy: $\pm(1.0\% \text{ rdg.} + 4 \text{ dgt.})$

Capacitance Range: 500.00, 5000.0nF, 50.00, 500.0 μ F, 5.000mF

Accuracy: $\pm(3.5\% \text{ rdg.} + 10 \text{ dgt.})$

Frequency Range: 10.000kHz

Accuracy: $\pm(0.3\% \text{ rdg.} + 2 \text{ dgt.})$

Temperature Range: -100.0 to 1000.0 $^{\circ}$ C (-148.0 to 1832.0 $^{\circ}$ F)

Accuracy: $\pm(1.0\% \text{ rdg.} + 2.5^{\circ}\text{C} (4.5^{\circ}\text{F}))$

Jaw Opening: 40mm (1.5")

Power Supply: Single 9V battery

Dimensions: 232 x 77 x 39mm

Weight: 315g



ORDERING INFORMATION

R5040 1000A AC/DC True RMS Clamp Meter
FC-300 Fused Test Lead Set
AC-006 AC Line Splitter
CERTICM1 NIST Calibration Certificate
-NIST True RMS AC/DC Clamp Meter & NIST