

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

-NIST True RMS AC/DC Clamp Meter & NIST