

AC/DC CLAMP METER

TECHNICAL DATA

FEATURES

- Measures AC/DC current, AC/DC voltage, resistance, capacitance, frequency, duty cycle, and temperature with a type K thermocouple probe
- True RMS AC measurements
- Non-contact AC voltage detector in clamp tip
- Max/Min, Data hold and Relative functions
- Low battery indication and auto power-off
- 50,000 count LCD with backlight
- Conforms to EN61010 Cat. III 600V
- Includes set of test leads, temperature probe, batteries, and soft carrying case

SPECIFICATIONS

- AC/DC Current Range:** 50.00, 500.0A
Accuracy: AC: $\pm(2.8\% \text{ rdg. } +30 \text{ dgt.})$;
DC: $\pm(2.5\% \text{ rdg. } +30 \text{ dgt.})$
- AC Voltage Range:** 500.00mV, 5.0000, 50.000, 500.00, 750.0V
Accuracy: $\pm(1.0\% \text{ rdg. } +30 \text{ dgt.})$
- DC Voltage Range:** 500.00mV, 5.0000, 50.000, 500.00, 1000.0V
Accuracy: $\pm(0.1\% \text{ rdg. } +4 \text{ dgt.})$
- Resistance Range:** 500.00 Ω , 5.000, 50.000, 500.00k Ω , 5.0000, 50.000M Ω
Accuracy: $\pm(1.0\% \text{ rdg. } +4 \text{ dgt.})$
- Frequency Range:** 10.000kHz
Accuracy: $\pm(0.5\% \text{ rdg. } +10 \text{ dgt.})$
- Capacitance Range:** 500.00, 5000.0nF, 50.00, 500.0 μ F, 5.000mF
Accuracy: $\pm(3.5\% \text{ rdg. } +10 \text{ dgt.})$
- Temperature Range:** -100.0 to 1000.0°C/-148.0 to 1832.0°F
Accuracy: $\pm(1.0\% \text{ rdg. } +2.5^\circ\text{C}/4.5^\circ\text{F})$
- Display:** 50,000 count LCD
- Power Supply:** Two AAA 1.5V batteries
- Jaw Opening:** 1.2" (30mm)
- Dimensions:** 198 x 66 x 36mm
- Weight:** 230g (10 oz)



ORDERING INFORMATION

R5030 500A AC/DC True RMS Clamp Meter

-NIST Clamp Meter & NIST