

AC/DC CLAMP METER

TECHNICAL DATA

FEATURES

- True RMS measurements
- 3-3/4 digit LCD with high-speed, 42-segment bar graph
- Max/Min and Data Hold functions
- Peak Hold function
- Frequency measurement
- Diode and continuity test with beeper
- Polarity and overload indications
- Auto or manual ranging
- Auto power-off
- Low battery indication
- Conforms to EN61010 1000V Cat. II, 600V Cat. III
- Includes **TL-88-1** test leads, **6AM6X** battery and **CA-05A** carrying case

SPECIFICATIONS

- Current Range:** 40A, 400A, 1000A AC/DC
Resolution: 0.01A, 0.1A, 1A AC/DC
Accuracy: AC: $\pm(1.9\% \text{ rdg.} + 5 \text{ dgt.})$; DC: $\pm(2.5\% \text{ rdg.} + 10 \text{ dgt.})$
Voltage Range: AC: 400V, 750V; DC: 400V, 1000V
Resolution: 0.1, 1V AC/DC
Accuracy: AC: $\pm(1.5\% \text{ rdg.} + 5 \text{ dgt.})$; DC: $\pm(1\% \text{ rdg.} + 2 \text{ dgt.})$
Resistance Range: 400 Ω , 4000 Ω
Resolution: 0.1 Ω , 1 Ω
Accuracy: $\pm(1\% \text{ rdg.} + 3 \text{ dgt.})$
Frequency Range: A & V: 4kHz, 10kHz
Resolution: 1Hz, 10Hz
Accuracy: A-Hz: $\pm(0.1\% \text{ rdg.} + 1 \text{ dgt.})$ (20Hz-10kHz);
V-Hz: $\pm(0.1\% \text{ rdg.} + 1 \text{ dgt.})$ (10Hz-10kHz)
Continuity Range: < 100 Ω
Test Current Range: 1.7 mA max.
Power Supply: Single 9V battery
Battery Life: Approx. 100 hours
Jaw Opening: 40mm
Dimensions: 242 x 66 x 36mm (9.5 x 2.6 x 1.4")
Weight: 400g (10 oz)



ORDERING INFORMATION

- R5050 True RMS AC/DC Clamp Meter
AC-006 AC Line Splitter
CERTICM1 NIST Calibration Certificate
R5050-NIST Clamp Meter & NIST