

PRODUCT DATASHEET

## 1500A True RMS AC/DC Clamp Meter + NCV

## Integrated Non-Contact Voltage Detector

To quickly check for the presence of live wires before testing plus True RMS and 400A and 1500A current ranges

## **Features:**

- True RMS for accurate readings of non-sinusoidal waveforms
- Built-in non-contact Voltage detector with LED alert
- 2.0" (52mm) jaw size for conductors up to 500MCM
- Dual 40,000/4000 count, backlit LCD display
- Includes Multimeter functions
- Inrush function captures transients during motor startups
- Relative Mode for Capacitance Zero and Offset Adjustment
- Data Hold, Peak Hold, MIN/MAX, and Auto Power Off
- · Complete with test leads, general purpose Type K bead wire temperature probe, 9V battery and carrying case



Built-in non-contact Voltage detector with LED alert



2.0" (52mm) jaw size for conductors up to 500MCM



Test leads included for Multimeter functions



| Specifications        | Range                                      | Max. Resolution | Basic Accuracy<br>(% readings+digits)   |
|-----------------------|--|-----------------|---|
| Display counts        | 40,000/4,000                               |                 |   |
| AC Current (True RMS) | 400.00A, 1500.0A                           | 0.01A           | $\pm (2.8\% + 30d)$                     |
| DC Current            | 400.00A, 1500.0A                           | 0.01A           | $\pm (2.5\% + 30d)$                     |
| AC Voltage (True RMS) | 400.00mV, 4.000V, 40.00V, 750.0V           | 0.01mV          | $\pm (1.0\% + 30d)$                     |
| DC Voltage            | 400.00mV, 4.0000V, 40.000V, 1000.0V        | 0.01mV          | $\pm (0.1\% + 4d)$                      |
| Resistance            | $400.00\Omega$ , $4.0000$ kΩ, $40.000$ kΩ, |                 |   |
|                       | 400.00kΩ, $4.0000$ MΩ, $40.000$ MΩ         | $0.01\Omega$    | $\pm (0.5\% + 9d)$                      |
| Frequency             | 40Hz to 40MHz                              | 0.001Hz         | $\pm (0.3\% + 2d)$                      |
| Capacitance           | 400.00nF, 4000nF, 40.00μF, 400.0μF,        |                 |   |
|                       | 4.000mF, 20.00mF, 40.00mF                  | 0.01nF          | $\pm (3.5\% + 10d)$                     |
| Temperature           | -148 to 1832°F (-100 to 1000°C)            | 0.1°            | $\pm (1\% + 4.5^{\circ}F/2.5^{\circ}C)$ |
| Duty Cycle            | 10.0 to 95.0%                              | 0.1%            | $\pm (1.0\% + 2d)$                      |
| Diode                 | Yes  |                 |   |
| Continuity            | Yes  |                 |   |
| Dimensions            | 11.57x4.13x1.85" (294x105x47mm)            |                 |   |
| Weight                | 18.9oz (536g)                              |                 |   |

## **Ordering Information:**

MA1500 ......1500A True RMS AC/DC Clamp Meter + NCV MA1500-NIST ..1500A True RMS AC/DC Clamp Meter + NCV w/ Calibration Traceable to NIST.

