

# Clamp-On Ground Resistance Tester

**Enables non-contact measurements of ground conductors**  
*Without the need for auxiliary spikes*

## Features:

- Autoranging ground resistance measurements from 0.03 to 1500 with 0.02 resolution
- True RMS AC Leakage current range of 0.2mA to 30.00A
- Programmable datalogging with 116 data points
- Programmable Hi/Lo alarm
- 0.9" (23mm) Jaw size for large ground rods
- Simplifies ground resistance measurements on multiple point ground systems
- Auto power off
- Verification resistors confirm accuracy of meter
- Automatic Self Calibration when powered on
- 9999 Count LCD display with Data Hold
- Electrical Noise Detection feature prevents inaccurate readings
- Data hold
- Complete with 9V battery, Resistance check plate, and durable metal storage case



Verify resistance of cellular and communication tower ground grids

| Specifications            | Range                                | Resolution | Accuracy (%rdg)  |
|---------------------------|--------------------------------------|------------|------------------|
| Ground Resistance         | 0.025 to 0.25                        | 0.002      | ±(1.5% + 0.05 )  |
|                           | 0.250 to 1.000                       | 0.02       | ±(1.5% + 0.05 )  |
|                           | 1.001 to 9.999                       | 0.02       | ±(1.5% + 0.1 )   |
|                           | 10.00 to 50.00                       | 0.04       | ±(1.5% + 0.1 )   |
|                           | 50.01 to 99.99                       | 0.04       | ±(1.5% + 0.5 )   |
|                           | 100.0 to 200.0                       | 0.4        | ±(1.5% + 0.5 )   |
|                           | 200.1 to 400.0                       | 2          | ±(5.0% + 5 )     |
|                           | 400.0 to 600.0                       | 5          | ±(10% + 10 )     |
| AC Leakage Current (Trms) | 600.1 to 1500                        | 20         | ±20%             |
|                           | 0.300 to 1.000mA                     | 0.001mA    | ±(2.0% ± 0.05mA) |
|                           | 1.00 to 10.00mA                      | 0.01mA     | ±(2.0% ± 0.03mA) |
|                           | 10.0 to 100.0mA                      | 0.1mA      | ±(2.0% ± 0.3mA)  |
|                           | 100 to 1000mA                        | 0.1mA      | ±(2.0% ± 0.3mA)  |
|                           | 0.20 to 4.00A                        | 0.01A      | ±(2.0% ± 0.03A)  |
| Resistance Test Frequency | 4.00 to 30.00A                       | 0.01A      | ±(3.0% ± 0.03A)  |
| Resistance Test Frequency | 1.667kHz                             |            |                  |
| Dimensions                | 10.2 x 4.4 x 1.9" (258 x 110 x 47mm) |            |                  |
| Weight                    | 24.7oz (700g)                        |            |                  |

## Ordering Information:

382357 ..... Clamp-On Ground Resistance Tester

382357-NIST Clamp-On Ground Resistance Tester with Calibration Traceable to NIST.

