

# SRM100A Soil Resistivity and pH Meter



## Capture Soil Resistivity and pH with a Single Probe

### **WORK FASTER AND MORE EFFICIENTLY**

Say goodbye to the time-consuming process of AC tower pylon inspections and ECDA surveys. The SRM100A can help you complete assessments in a fraction of the time. With traditional four-pin readings taking up to 20 minutes each, the SRM100A offers a streamlined solution by measuring soil pH and resistivity simultaneously in less than two minutes.

### **IMPROVE ACCURACY & LOWER COSTS**

Upgrade to the SRM100A and improve the reliability and accuracy of your measurements with its advanced single-probe configuration. This technology eliminates errors caused by miscalculations or incorrect probe spacing and depth, ensuring precise and dependable results every time. The streamlined design of the SRM100A also helps lower costs by reducing equipment setup time during groundbed installations, allowing your crews to focus on completing the job quickly and efficiently.

### **WHY CHOOSE THE SRM100A?**

- ✓ Increase Efficiency with Faster Readings
- ✓ Two Probe Options for Added Flexibility
- ✓ Protective Case for Durability and Longevity
- ✓ Improved Accuracy with Digital Circuitry
- ✓ Easy-to-Read LCD Display
- ✓ Rechargeable Battery



# SRM100A SPECIFICATIONS

| SRM100A                                   |                                                                |
|-------------------------------------------|----------------------------------------------------------------|
| Dimensions                                | 7.5" x 4.75" x 2.25"                                           |
| Weight                                    | 2.5 lbs without probe(s)                                       |
| Construction and Environmental Protection | ABS high-impact plastic, corrosion proof, sealed to NEMA4/IP64 |
| Resistivity Range                         | 0 to 1.5M ohm-cm                                               |
| Resistivity Accuracy                      | +/- 5% of the reading                                          |
| pH Range                                  | 3 to 10 standard units                                         |
| pH Accuracy                               | +/- 0.5 standard units                                         |
| Display                                   | Liquid crystal, 2 lines of 16 characters                       |
| Switches                                  | NEMA4/IP64 sealed toggle switches                              |
| Power Supply                              | Rechargeable Battery                                           |
| Ambient Operating Temperature             | -15° C to 60° C                                                |
| Ambient Operating Humidity                | 0 to 100% non-condensing                                       |

| PROBES           |                                                                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Bell Hole Probe  | T-handle 12 inches by 5/8-inch diameter shaft of carbon steel construction with 3/4-inch diameter measurement sensor for pH and resistivity; probe wire with coiled cable for direct connection to soil probe meter. |
| Subsurface Probe | T-handle 40 inches by 5/8inch diameter shaft of carbon steel construction with 3/4-inch diameter measurement sensor for pH and resistivity; probe with cradle for direct connection to soil meter.                   |

| PROTECTIVE CASE |                                                                                                                                                                                                      |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Case            | Watertight, crush proof, and dust proof with easy-open double-throw latches, open-cell core with solid-wall design. O-ring seal, fold-down handles, stainless steel hardware and padlock protectors. |
| Dimension       | Outside dimension 53" x 16" x 6 1/4"                                                                                                                                                                 |
| Lid and Back    | Double-walled construction for added crush resistance                                                                                                                                                |
| Weight          | 20 lbs without probes and accessories                                                                                                                                                                |
| Inside Case     | Fitted with 2.2 lb density polyethylene foam. Foam inserts is molded to fit the soil probe meter, bell hole, and subsurface probes, maintenance kit and soil probe meter manual.                     |

