

Permanent Underground Reference Electrodes

CerAnode High Surface Area Porous Ceramic Electrode

Copper - Zinc - Silver



Electrodes & Cables Are Color Coded for Quick Identification.

YELLOW -- CerAnode Model CS-Cu-2
Copper-Copper Sulfate (Cu-CuSO_4)

BLUE -- CerAnode Model CS-AG-2
Silver-Silver Chloride (Ag-AgCl)

RED -- CerAnode Model CS-ZN-2
Zinc-Zinc Sulfate (Zn-ZnSO_4)

See back of sheet for Bagged Options



Features

- **HIGH SENSITIVITY.** The electrode's large 28 square inch earth contact surface area classifies the PCE as a high sensitivity electrode, many times more sensitive than conventional electrodes. The cell will maintain earth contact long after others produce no output. With inherently low cell resistance, readings are achieved faster and with greater accuracy.
- **BROAD MOISTURE RANGE.** Ideally suited for environments with wide moisture variations. Variations in soil moisture from arid to moist do not affect electrode life. The electrode will not degenerate in arid soils during dry seasons. It reactivates when moisture returns to the soil.
- **MOISTURE RETENTION TECHNOLOGY.** Internal interface technology enhances moisture retention for more stable readings.
- **UNLIMITED SHELF LIFE.** Dry solid state technology allows the electrode to be stored indefinitely. Activation or reactivation takes place following hydration.
- **LONG SERVICE LIFE.** Service design life is 30 years unless contaminated (see next page for bagged life).
- **CHLORIDE ION TRAP.** The Cu/CuSO_4 ion trap equipped for service of <200 ppm Cl).

Specifications

| | |
|---------------------------|---|
| Size: | 1.5" (3.81cm) Diameter 6" (15.24cm) Long. |
| Configuration: | Ceramic Body with color coded protective caps |
| Lead Wire: | 50' of #14 RHH-RHW or HMWPE or specify. |
| Stability: | ± 10 millivolts with 3.0 μamp load. |
| Operating Temperature: | 32° to 135° F (0° to 57.2° C) |

-- Electrodes in Service for 35 Years --

--- ISO 9001:2000 Registered ---

CerAnode™ Technologies International

Division of APS-Materials, Inc. -----

