

## Stationary Water Service Reference Electrodes

*Porous Ceramic Electrode Technology*



**RED - Zn/ZnSO<sub>4</sub>** (for fresh water service)  
**YELLOW - Cu/CuSO<sub>4</sub>** (for fresh water service)  
**BLUE - Ag/AgCl** (for salt water service)

Model Number CS-ZN-1

Model Number CS-CU-1

Model Number CS-AG-1

### Specifications

<b>Size</b>	Diameter = 1" (2.5 cm) Length = 8" (20.3 cm)
<b>Interface</b>	Porous Hard Ceramic Plug
<b>Lead Wire</b>	50' of #14 RHH-RHW Specify Alternate Lengths
<b>Stability</b>	±5 millivolts with 3.0 µamp load
<b>Temp. Range</b>	Measurement 1° to 65° C
<b>T. Coeff mV/C</b>	Zn 0.5, Cu 0.9 & Ag 0.6

### Features

**STABLE & ACCURATE.** The Porous Ceramic Electrode with its semi solid electrolyte is inherently stable & low in resistance. Measurements are fast and accurate.

**UNLIMITED SHELF LIFE.** Dry Electrolyte 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.

Water storage tanks, lakes and rivers are the primary application for these electrodes but traditionally, with some minor modification they have also been used bagged as a permanent underground reference electrode. They can still be ordered bagged but for underground applications they are rapidly being replaced by the CerAnode High Surface Area Porous Ceramic underground electrode. See separate brochure for the High Surface Area Porous Ceramic Electrode.