



# Reference Electrode for Fresh & Salt Water Service



TECNOLOGÍA TOTAL  
[www.tecnologiatotal.net](http://www.tecnologiatotal.net)



**Uses** Water and Buried Saturated-Soil  
or Submerged Applications

**Size** 1.215" (31mm) width x 8.25" (203mm) length

**Standard Lead wire** 20' (6.1 m) of #14 (2.5 mm<sup>2</sup>) cable  
RHH-RHW wire (any length of wire available)

**Material** High-Impact ABS, ceramic  
with Moisture Retention Membrane (MRM™)

**Service Life** Minimum 30-year service life

**Shelf Life** Infinite shelf life, infinite stability

**Color code** Pd-PdCl<sub>2</sub> (orange), Cu-CuSO<sub>4</sub> (yellow),  
Ag-AgCl (blue), Zn-ZnSO<sub>4</sub> (red)

**Long Term Stability Range** ±5 millivolts

**Certified Potential Range** ±5 millivolts vs. standard

**Maximum Continuous Current** 0.3 microamps

**pH Range** 4–9 pH

**Working Temperature Range** 32° F to +176° F (0° C to 80° C)

**Material Temperature Range** -60° F to +185° F (-51° C to 85° C)

## STELTH® 1 – Hydrocarbon-Proof Palladium-Palladium Chloride (Pd-PdCl<sub>2</sub>)

Model SRE-040-HCP

For water and buried saturated-soil service  
in any chloride level environment.

## STELTH® 1 – Silver-Silver Chloride (Ag-AgCl)

Model SRE-004-SFB

For water and buried saturated-soil service in  
seawater/chloride environments (with chloride plus  
bromide levels in excess of 1,000 ppm  
but less than 19,000 ppm).

## STELTH® 1 – Copper-Copper Sulfate (Cu-CuSO<sub>4</sub>)

Model SRE-002-CFY

For water and buried saturated-soil service  
in low chloride environments (can tolerate  
chloride plus bromide levels up to 1,000 ppm).

## STELTH® 1 – Zinc-Zinc Sulfate (Zn-ZnSO<sub>4</sub>)

Model SRE-006-ZFR

For water and buried saturated-soil service  
in low chloride environments (can tolerate  
chloride plus bromide levels up to 1,000 ppm).

**BORIN**  
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