

# STELTH<sup>®</sup> 2

## STATIONARY REFERENCE ELECTRODES

### SERVICE IN SOIL + CONCRETE

#### SOLID-STATE REFERENCE ELECTRODES

The STELTH<sup>®</sup> 2 is our most versatile reference electrode, as it works well in most environments – from moist to dry, and from soil to concrete. The STELTH 2 features our proprietary ceramic made with our Moisture Retention Membrane (MRM™), which lets moisture in, traps it within the ceramic, and keeps the cell's internal electrolytes from leeching or drying out in desert soil.



#### REFERENCE ELECTRODE FEATURES:

<b>USES:</b> Buried and concrete applications	<b>MAXIMUM CONTINUOUS CURRENT:</b> 3.0 $\mu$ A
<b>SIZE:</b> 1.5" (38.1 mm) width x 7.5" (178 mm) length	<b>CERTIFIED POTENTIAL RANGE:</b> $\pm$ 5 millivolts vs. standard
<b>Standard Lead Wire:</b> 50' (15m) of #14 (2.5mm) RHH-RHW wire (any length or type of wire available)	<b>pH RANGE:</b> 4-9 pH
<b>MATERIAL:</b> High impact ABS electrode case housing; ceramic tip with Moisture Retention Membrane (MRM™)	<b>WORKING TEMPERATURE RANGE:</b> 32° F to +176° F (0° C to 80° C)
<b>SERVICE LIFE:</b> Minimum 20-year service life	<b>MATERIAL TEMPERATURE RANGE:</b> -60° F to +185° F (-51° C to 85° C)
<b>SHELF LIFE:</b> Infinite shelf life, infinite stability	<b>MODELS FOR SPECIAL APPLICATIONS:</b> STELTH 2 portable for tank profiling.
<b>Calibration:</b> Unlike other electrodes in the market the STELTH electrodes don't require recharging or calibration.	<b>Test certificate:</b> Each cell is individually tested for internal resistance, wire continuity and stability. Each cell has its own unique serial number.
<p>Moisture-Retention Membrane (MRM™), traps moisture and keeps electrolytes from drying out or getting contaminated                      The technology traps hydrogen sulfide or excess chloride to maintain stability of the electrode.                      Applicable standards: NACE/AMPP TM0113-2013 and NACE/AMPP TM0211-2011</p>	

#### CHOOSE YOUR ELECTROLYTE

STELTH<sup>®</sup> reference electrodes can thrive in ALL saturated environments for their corresponding chemistry:

<p>★ <b>Cu-CuSO4</b> Copper-Copper Sulfate Chloride-Free Environments #SRE-007-2-C7X</p>	<p>★ <b>Ag-AgCl</b> Silver-Silver Chloride Environments with Chlorides #SRE-008-2-S7X</p>
<p>★ <b>Zn-ZnSO4</b> Zinc-Zinc Sulfate Chloride-Free Environments #SRE-009-2-Z7X</p>	<p>★ <b>Pd-PdCl</b> Palladium-Palladium Chloride HCP-Hydro Carbon Proof #SRE-HCP-2-H7X</p>

#### APPLICATIONS

- CIS surveys
- DCVG surveys
- Manual Pipe to soil readings