







Solid-State Reference Electrodes

Stelth® Model Name	Model: Chemistry	Use	Minimum Service Life	Size	Standard Lead Wire
Stelth® 7: 1 cm² New Design 	SRE-022-ND: Cu-CuSO ₄ SRE-025-ND: Ag-AgCl SRE-028-ND: Zn-ZnSO ₄ SRE-046-ND: Pd-PdCl ₂	IR-Free Probe 1 cm² Coupon On-Off Potential Depolarization Potential DC Current Density	30 years	2" (63.5 mm) width x 11" (280 mm) length.	Any length of RHH-RHW black #16-3 tray cable wire available.
Stelth® 7: 10 cm² New Design 	SRE-023-ND: Cu-CuSO ₄ SRE-026-ND: Ag-AgCl SRE-029-ND: Zn-ZnSO ₄ SRE-047-ND: Pd-PdCl ₂	IR-Free Probe 10 cm² Coupon On-Off Potential Depolarization Potential DC Current Density	30 years	2" (51 mm) width x 15" (381 mm) length.	Any length of RHH-RHW black #16-3 tray cable wire available.
Stelth® 7: Rocket 	SRE-031: Cu-CuSO ₄ SRE-032: Ag-AgCl SRE-033: Zn-ZnSO ₄ SRE-049: Pd-PdCl ₂	IR-Free Probe 100 cm² Coupon On-Off Potential Depolarization Potential DC Current Density	30 years	2" (51 mm) width x 12.75" (324 mm) length.	Any length of RHH-RHW black #16-5 tray cable wire available.
Stelth® 7: AC-20 cm² 	SRE-024-AC20: Cu-CuSO ₄ SRE-027-AC20: Ag-AgCl SRE-030-AC20: Zn-ZnSO ₄ SRE-048-AC20: Pd-PdCl ₂	AC Mitigation Monitoring Depolarization Potential On-Off Potential DC & AC Current Density Native Potential	30 years	2" (51 mm) width x 16" (406.5 mm) length.	Any length of RHH-RHW black #16-5 tray cable wire available.
Stelth® 7: AC-200 cm² 	SRE-031-AC200: Cu-CuSO ₄ SRE-032-AC200: Ag-AgCl SRE-033-AC200: Zn-ZnSO ₄ SRE-049-AC200: Pd-PdCl ₂	AC Mitigation Monitoring Depolarization Potential On-Off Potential DC & AC Current Density Native Potential	30 years	2" (51 mm) width x 21.25" (540 mm) length.	Any length of RHH-RHW black #16-5 tray cable wire available.
Stelth® 7: Triton Rocket 	SRE-031-BE-V: Cu-CuSO ₄	AC Mitigation Monitoring Depolarization Potential On-Off Potential DC & AC Current Density Native Potential	30 years <i>Built to the standards of American Innovations. Contact 1 (800) 229-3404 for pricing and availability.</i>	2" (51 mm) width x 21.25" (540 mm) length.	Any length of RHH-RHW black #16-5 tray cable wire available.

1 to 3 day delivery.

Infinite shelf life, infinite stability, and 30-year design life.

Stelth® reference electrodes are available in four chemistries:

Copper-Copper Sulfate (Cu-CuSO₄ – for areas with chloride plus bromide levels up to 1,000 parts per million) color-coded yellow

Silver-Silver Chloride (Ag-AgCl – for areas with chloride plus bromide levels near 19,000 parts per million (seawater) color-coded blue

Zinc-Zinc Sulfate (Zn-ZnSO₄ – for areas with chloride plus bromide levels up to 1,000 parts per million) color-coded red

Palladium-Palladium Chloride (Pd-PdCl₂ – Hydrocarbon-proof HCP™ that are immune to hydrocarbons and chloride count issues, and therefore ideal for chloride and hydrocarbon level problem zones) color-coded orange

Material: High-impact ABS, ceramic plug with Moisture Retention Membrane (MRM™).

Each cell is Individually tested for internal resistance, continuity, IR-drop, sensitivity, and stability. Stelth® reference electrodes are then **certified**, with a **unique serial number**, allowing for **traceability of any cell throughout its lifetime**.

Our proprietary **Moisture Retention Membrane MRM™** traps moisture and the internal chemistry inside the reference electrode; the MRM™ also **prevents contaminated ground water** from entering the reference electrode.

Stelth® reference electrodes can be frozen; they come back to life once thawed.

A major breakthrough – the **hydrocarbon-proof (HCP™) Stelth®** reference electrode that **can be used in all environments**. If you have facilities contaminated by gasoline, crude oil, brake fluid, transmission fluid, et cetera and are unable to get a potential reading, the HCP™ stationary or portable Stelth® reference electrode will solve your problem.

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).

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