

# STELTH<sup>®</sup> MINI

## Miniature Reference Electrode with Coupon



### Introducing the latest diagnostic tool for your cathodic protection system.

- The **STELTH<sup>®</sup> Mini** with coupon allows you to obtain IR-free on/off potential, AC/DC current density, and depolarization readings in minutes.
- Installs buried in soil **in minutes** with the installation T-Rod<sup>®</sup> (sold separately).
- **Bypass the long delays** due to permitting and budget authorizations
- No hydro-vac/auger excavation equipment is necessary.
- It's a viable **diagnostic tool** for a **quick** short-term solution.
- Can be used in soils with low or high chloride levels or in environments contaminated with hydrocarbons. Choose from four available chemistries.
- All **STELTH<sup>®</sup> Mini** reference electrodes feature our unique ceramic utilizing our proprietary **moisture-retention membrane (MRM<sup>™</sup>)** that traps moisture within the ceramic and keeps the cell's internal electrolytes from leaching out.
- Thanks to both the MRM and its solid-state electrolyte form, your **STELTH<sup>®</sup> Mini** will **never need recalibrating**, recharging, or servicing of any kind.
- Each **STELTH<sup>®</sup>** reference electrode is individually tested, certified, and has a unique serial number, allowing for traceability of any single cell throughout its lifetime.
- Patented technology: **US Patent 11,447,877** and **US Patent 11,807,945**



### FEATURES:

Uses	Diagnostic tool for coupon potential readings.
Size	2/3" (1.75 cm) width x 5" (12.5 cm) length. Dimension may vary depending on model.
Material	High-impact ABS, ceramic with moisture Retention Membrane (MRM <sup>™</sup> ), Mild Carbon Steel Coupons
Standard lead wire	20' of THHN/PVC color black #16-3 color coded tray cable any length or type of wire available.
Service Life/Shelf Life/Stability	6 to 12 months service life
Long Term Stability Range	±5 millivolts
Certified Potential Range	±5 millivolts vs. standard
pH Range	4–9 pH
Working Temperature Range	32° F to +176° F (0° C to 80° C)
Material Temperature Range	-60° F to +176° F (-51° C to 80° C)

### MODELS:

Model	Coupon Size (cm <sup>2</sup> )	Pd-PdCl Palladium-Palladium Chloride HCP-Hydro Carbon Proof Item #	Cu-CuSO <sub>4</sub> Copper-Copper Sulfate Chloride-Free Environments Item #	Ag-AgCl Silver-Silver Chloride Environments with Chlorides Item #	Zn-ZnSO <sub>4</sub> Zinc-Zinc Sulfate Chloride-Free Environments Item #
STELTH Mini with coupon	10 cm <sup>2</sup>	SRE-SM-P12-TXX	SRE-SM-C12-TXX	SRE-SM-S12-TXX	SRE-SM-Z12-TXX

\*Available in different coupon sizes and configuration.



## Installation T-Rod for STEALTH® Mini

The T-Rod installs a STEALTH® Mini reference electrode with coupon buried in the soil in minutes.

- Made of a custom-engineered rigid steel rod with a cone-shaped tip, which allows the user to push a small hole into the ground at any depth in varying soil types.
- The same rod is then used to place the **STEALTH® Mini** directly into the hole without excavation.
- Helps you bypass the long delays caused by permitting and budget authorizations while avoiding labor-intensive installations utilizing hydro-vac/auger excavation equipment.
- Minimizes various safety issues related to installation.
- Lightweight, corrosion-resistant 304 stainless steel construction.



- Ergonomic handles for user comfort during use.
- Adjustable lengths for installation at any depth and assembled with segments of 2 feet long each for easy transportation.
- The T-Rod can also be used as a pipe locator probe to avoid carrying multiple probes to the field.

### FEATURES:

<b>Uses</b>	Installs <b>STEALTH® Mini</b> in minutes.
<b>Length</b>	6 feet
<b>Width</b>	16 inch
<b>Probe Diameter</b>	0.69 inch
<b>Weight</b>	3 lbs.
<b>Material</b>	304 Stainless Steel

