



WWW.CORROMETER.COMTM



Here's how the Corrometer will save you \$\$\$

When there has been an unintentional disruption in your normal protection like:

- a break in the protective coating or packaging
- there was a breach or spill of H_2S , SO_2 , H_2SO_4 , CO_2 , HCl, water
- some natural disaster
- some failure or breakdown in a process or system which caused stuff to leak

You want to know: How much damaged occurred during that unprotected time?

Having a Corrometer there while you could not be is your record of how much damage occurred, it allows you to quickly and quantitatively assess the damage to your asset. You can now make better decisions as to what the recovery plan will be and how to start it.



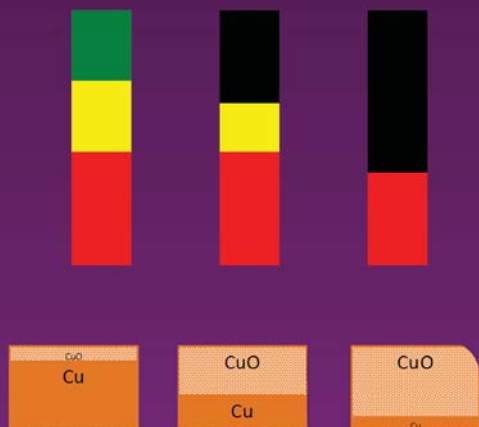
**MINIMIZING YOUR ASSET AND RELIABILITY LOSSES THROUGH EARLY
CORROSION DETECTION WITH SIMPLIFIED SOLUTIONS.**

Introducing the world's first and only visually indicating corrosion sensor called the **CORROMETER™**, it's your "first alert" tool for detecting threatening corrosive changes that can cause your electronics, electrical connections, or other metal assets and equipment to fail. The **CORROMETER™** has been specifically engineered to corrode such that when it indicates a "GREEN" the sensor has had no corrosion, if you get a "RED" the sensor has corroded to its maximum value, divide the change in thickness by the time between color changes and you'll get your corrosion rate. It's that simple!

The **CORROMETER™** saves you money by knowing when your assets or electrical connections could be in danger of serious corrosion and thus cause problems with reliability, reduction in transfer speed, reworking or replacing of parts, failures and or a total shut down.

The **CORROMETER™** works off of the idea that as corrosion increases your electrical conductivity decreases and with no alloying metals to inhibit its corrosion process, it's electrode is the "first to go".

CORROMETER™ Indication
Corrosion Status
Little to none - Some - Take Action



Industries For Using

The **CORROMETER™** :

- Electric Power Generation
- Oil and Gas
- Aviation
- Oceanic Shipping
- Building Maintenance, Repair, Operation (MRO)
- Waste Water Treatment
- Swimming Pools
- Mothballing, Equipment, Vehicles, and Buildings
- Packaging
- Pulp and paper

The **CORROMETER™** can alert you:

- Corrosive vapors (Chlorine, H_2S , SO_2 , H_2SO_4 , CO_2 , HCl)
- Flood Induced Problems
- Dehumidifier failures
- Verify Packaging Protection
- Determine efficacy of: protective oils, VCI's, semi-permanent coatings
- Corrosive vapor scavenger/sieve expiration

CORROMETER™ uses:

- Asset and electrical reliability surveillance
- Quality Assurance, i.e. Test Method and
- Failure Analysis Verification
- Electrical boxes, i.e. Traffic Control, Telecom, PLC's
- Aircraft and shipboard electronics and components
- Energy and Power Generation
- Military Vehicles
- Oil & Gas Drilling rigs and equipment
- Swimming Pool Areas
- Mothballing of Ships, Warehouses, Parts and Equipment
- Double walled storage tank monitoring
- Corrosive vapor detection
- Wherever Volatile Corrosion Inhibitors (VCI's) are used
- Storage units
- Gun and coin collections/Antiquities
- Art works
- Electrical boxes
- Wastewater - chemical treatment
- Refineries
- Motor vehicles - impacts from exposure to water
- Transoceanic shipping
- Refineries/Pipelines
- Railroad industry
- Storage
- Ocean environments
- Snow-salt wake zones
- HVAC
- Mining
- Fire protection systems
- Process Industry Temp, RH, Corrosive Vapor
- Controlled Computer Rooms

Features:

- Color Coded Copper - Easy to see Orange, Size efficient, Easy to read display
- Unique 2d QR bar code for inventory control
- Multiple ways to attach (Nylon tie straps, 3M® Command™ strip, mounting holes)
- Burn and water resistant
- Usable temperature range -40° C - 65° C
- 15 yr battery life