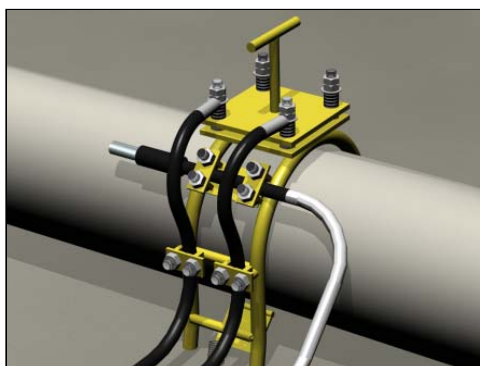


V-String™

Polatrak® Cathodic Protection Monitoring



V-String reference electrode in situ on a retrofitted CP monitoring system.



V-String reference electrode in situ on a pipeline, held in place with RetroClamp™



Product Overview

The Polatrak V-String electrode is a low cost zinc reference electrode designed for offshore platform and pipeline monitoring. The ultra-rugged construction and ease of installation make this a viable tool for CP retrofit monitoring, or to supplement other POLATRAK monitoring instruments.

Accuracy is +/- 0.02 V which is perfectly adequate for a general performance monitor.

The electrode wire consists of a galvanized steel aircraft cord with a PVC jacket and an over braid of polyester fibers. This combination makes the electrode virtually indestructible.

Applications

- Offshore platform jackets & drill rigs
- Seawater ballast banks on SPAR, TLP, and FSU / FPSO structures
- Risers
- Inshore structures, piers, jetties, wharves
- Inside J-tubes or in tight spaces where CP has to be monitored.

Main Benefits

- Low cost and ease of installation allow many more reference points to be sampled.
- Low profile and lack of welded attachments allow electrode location in node crotches, inside annular spaces, and on pipelines and risers.
- The lack of a copper cable allows the electrode element to polarize any pinhole or small defects in the conductor, keeping the electrode serviceable.
- It can be literally tied like a rope to subsea members and will not abrade; this makes it perfect for low cost monitoring system retrofits.