



Portable Reference Electrode Cu/CuSO₄

PG PARS Portable Reference Electrode Cu/Cu SO₄ can be utilized in all types of buried structures where chloride iron is not present. Copper Sulfate Half cell is used because of its reproducibility and ruggedness under many operating conditions.

The crystals surround the copper elements in a plastic tube with distilled water and create a supersaturated solution. It's important when you need to use replacement liquid, central copper electrode had been carefully cleaned without contamination. The protective potential is minus 850 mV up to minus 1500 mV which requires a high impedance voltmeter for measurement. Also, PG PARS portable reference electrode is according to BS7361-CP1021 standard.

We produce this type of reference electrode in two alternatives:

PGP CU RE-1- Portable reference cell (common type)

PGP CU RE-2 - Portable reference cell with a high impedance digital multimeter which is

PGP CURE-3- Portable reference cell for concrete connected in top of half cell

The main elements contain:

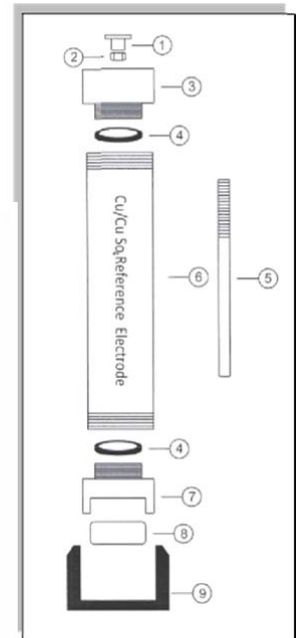
- 1-Handy Brass Nut
- 2-Brass Nut
- 3-Tight PVC head
- 4-O ring
- 5-Copper Electrode
- 6-Housing Tube
- 7-Tight PVC Tail
- 8-Porous Plug
- 9-Rubber End Cap
- 10-Bag



PGP-CU RE-2



PGP-CU RE-1



PGP-CU RE-3