

GRAPHITE REFERENCE ELECTRODE

Description

Graphite electrodes are not thermodynamically true reference electrodes and are commonly known as pseudo electrodes. The reference potential is primarily due to the oxygen reduction reaction and is determined by the amount of oxygen reaching the surface. Also the potential value is affected by the hydroxyl concentration in the vicinity of the electrode. These units can be used in concrete to measure 4 and 24 hour steel depolarisations for cathodic protection monitoring.

Specification

Graphite element high quality graphite rod.

Dimensions: 80mm long x 25mm diameter
 Surface area 4000mm²

Cable: 2.5mm² stranded copper wire with XLPE/PVC blue sheathing.

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