

BUCKLEY MARINE SURVEY KIT



GENERAL DESCRIPTION

The Marine Survey Kit comprises a Weighted Silver/Silver Chloride Half Cell, plastic cable spool and an accurate multimeter. The kit has been specially created to include all items required to easily carry out a corrosion survey of marine structures. The half cell is housed in a PVC body with holes to allow the easy flow of water around the cell. The half cell is weighted to help keep it in position. The cell is connected to the cable spool by 75m of CSP 55/015 cable. Two other leads are supplied to connect the spool and the structure to the accurate multimeter. In use the multimeter is connected to the structure (+ terminal) and the cable spool (- terminal). The Half Cell is then lowered into the sea at the desired position. Turning on the multimeter to the DC voltage range will display the corrosion voltage. The kit can be tailored to suit specific customer's requirements.

Marine Survey Kit (ref: H50) comprises:

Weighted silver/silver chloride half cell with 75m cable, two leads for connecting with spool and multimeter, cable spool and multimeter.

FEATURES

- Long cable length
- Inert body casing: PVC
- Lightweight
- Long service life
- Supplied with Certificate of Inspection and Conformity

ANCILLARY PRODUCTS AVAILABLE

Bathycorrometer (our ref: H1)
Calomel reference cells (our ref: H7)
Glass Calomel reference cells (our ref: H24)
Sea Water Corrosion Test Mixture (our ref: H26)
Zinc test blocks (our ref: H8)
Magnesium test blocks (our ref: H9)

TECHNICAL SPECIFICATION

Half Cell

- Size: 140mm long x 25mm diam.
- Output: -5mV @ 25°C to Calomel reference cell
- Accuracy: +/- 10mV in 3% sea water.
- Temperature coeff: +0.2mV per/°C
- Temperature range: 0 - 30 °C
- Working life: Up to 10 years.

Multimeter

- 3 ½ Digit
- DC, AC, Voltage & Current Ranges
- DC Accuracy: +/- 0.5%
- AC Accuracy: +/- 0.8%
- Plus Ohm & Hz ranges

Packed weight (complete kit): 3.5Kg

Dimensions (packed): 36cm x 36cm x 36cm



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