

**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)

Note: Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation

AFTER SALES SERVICE / TECHNICAL SUPPORT

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2008 and are supplied with a one year "back-to-base" warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions.

Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephoning +44 (0)1303 278888, sending a fax to +44 (0)1303 2274331 or by e-mail to: tech@buckleys.co.uk.

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.

TECHNICAL SPECIFICATIONHalf 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