

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 or 100m 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.

KIT COMPRISES

- Weighted silver/silver chloride half cell
- 75m length cable (6004-0044)
- 150m length cable (6004-0093)
- Two leads for connecting with spool and multimeter
- Cable spool
- Multimeter

FEATURES

- 75m or 150m cable length
- Inert body casing: PVC
- Lightweight
- Long service life
- Supplied with Certificate of Inspection and Conformity

TECHNICAL SPECIFICATIONS

Half Cell

- Size: 140mm long x 25mm diam.
- Temperature coeff: $-0.6\text{mV per }^{\circ}\text{C}$
- Temperature range: 0 - 30 °C
- Working life: 1 to 5 years
- Output: +54mV @ 25°C to K-SAT reference cell

Multimeter

- 3½ 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

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 9001:2015 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.

Buckleys provide full repair and calibration facilities; offering a fast turn-around service for customers' equipment.

Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephone or e-mail using the contact details below.

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ANCILLARY PRODUCTS AVAILABLE:



BathyCorrometer®
Pro'
6004-0078



K-SAT Reference
Cells
6004-0111



BathyCorrometer®
Calibration Kit
6004-0031



Marine Reference
Cell with 12.5m Cable
6004-0026



UCP1A Contact
Probe
6004-0039



UCP1B Proximity
Probe
6004-0043