

# Buckleys Marine Survey Kit



The Bukcley 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 customer's special requirements.

## Key Features

- Long cable length
- Inert body casing: PVC
- Light weight
- Long service life

## 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)

## Specifications

Dimensions	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	+/- 0.5%
DC Accuracy	+/- 0.5%
AC Accuracy	
Plus Ohm & Hz ranges	
Dimensions	36cm x 36cm x 36cm
Weight	3,5 kg