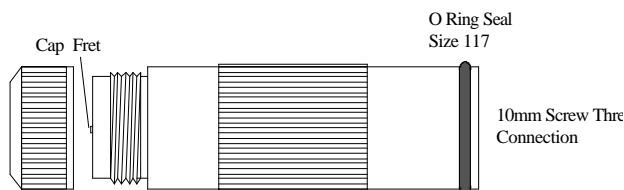




## FEATURES

- Robust and easy to use
- Suitable for use with Bathycorrometers, UCP1A and UCP1B probes
- Inert body casing: PVC
- Lightweight
- Long service life



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 9001:2000 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 260127, sending a fax to +44 (0)1303 262115 or by e-mail to: [tech@buckleys.co.uk](mailto:tech@buckleys.co.uk).

The Screw-in Calomel reference cell has been produced to ascertain the accuracy of Silver/Silver Chloride Half Cell in a Bathycorrometer, UCP1A or UCP1B underwater probe.

It has been specially designed to be easily used on the Bathycorrometer. By removing the stainless steel probe tip and screwing on the Calomel reference cell, readings can be obtained. To be confident of the results, ideally a set of three Calomel cells should be used. The cells can also be used for checking the UCP1A or UCP1B probes but an adaptor lead (H16) and a high impedance voltmeter (greater than 10 meg Ohm) would be required.

The electrode is housed in a high resistance PVC body which is sealed for life. The Calomel reference electrode is supplied with full operating instructions and will give a service life of up to 1 year, if looked after. It can easily be stored.

Calomel reference cell – product code H7

## TECHNICAL SPECIFICATION

- Electrical Connection: screw fit
- Output: -5mV @ 25°C to Silver/ Silver Chloride cell
- Accuracy: +/- 2mV in 3% sea water
- Temperature coeff: +0.2mV per °C
- Temperature range: 0 - 30 °C
- Working life: up to 1 year
- Weight (cell): 70g
- Dimensions (cell): 155mm long x 25mm diam.
- Packed weight: 0.3Kg
- Dimensions (packed): 26cm x 14cm x 30cm

## ANCILLARY PRODUCTS AVAILABLE

Calibration kit (our ref: H28)  
BCM Checker (our ref: H3)  
Sea water corrosion test mixture (our ref: H26)  
Silver/Silver Chloride screw-in half cells (our ref: H6)  
Marine Survey Kit (our ref: H50)  
Marine reference cells with 12.5m cable (our ref: H23)  
Zinc test blocks (our ref: H8)  
Magnesium test blocks (our ref: H9)