

The K-Series Reference Cell (laboratory type) is an ideal environmentally friendly replacement for old style calomel cells and is used to ascertain the accuracy of Silver/Silver Chloride Half Cells.



## FEATURES

- Long cable length (1 metre)
- Glass body casing
- Environmentally friendly vs calomel electrodes
- Refillable
- Long service life
- No specialist disposal required post lifetime
- Supplied with fitted 4mm plug

## TECHNICAL SPECIFICATIONS

- Electrical connection: 1 metre lead with 4mm plug
- Output: +208mV @ 25°C vs Normal Hydrogen Electrode (NHE)
- Accuracy: +/- 5mV @25°C vs NHE
- Temperature coeff: -0.64mV per °C
- Temperature range: 0 - 40 °C
- Working life: 1 to 2 years
- Salt bridge solution: 3M KCl
- Cable length: 1m
- Size: 155mm long x 25mm diameter
- Weight (cell): 250g
- Packed weight: 0.5Kg
- Dimensions (packed): 13cm x 7cm x 27cm

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

The Polymer Ag/AgCl reference system within the cell provides a far more stable voltage than existing calomel technology and also allows for far easier disposal once the cell has reached its end of life.

It has been designed to be connected to a separate high impedance voltmeter (greater than 10 meg Ohm) via a one metre lead.

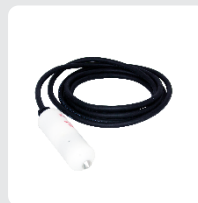
The electrode is housed in a high resistance glass body and comes with a salt bridge solution for topping up.

The reference electrode will give a service life of up to 2 years if looked after and can easily be stored.

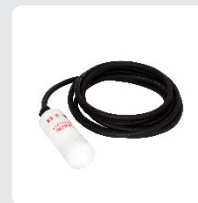
## ANCILLARY PRODUCTS AVAILABLE:



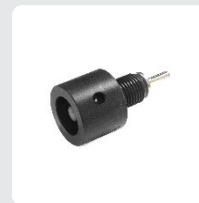
BathyCorrometer®  
Pro<sup>1</sup>  
6004-0077



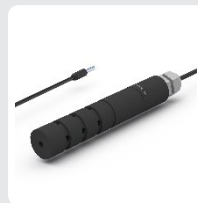
UCP1A Contact  
Probe  
6004-0039



UCP1B Proximity  
Probe  
6004-0043



Silver/Silver  
Chloride screw-  
in half-cell  
6004-0051



Marine  
Reference Cell  
6004-0026



K-SAT  
Reference Cell  
6004-0111



Silver/Silver  
Chloride Top-  
Up Solution  
6005-0361



BathyCorrometer®  
Calibration Kit  
6004-0031

## 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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