

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:



H1
Buckleys
BathyCorrometer®
6004-0010



H4
UCPIA Contact
Probe
6004-0039



H5
UCP1B Proximity
Probe
6004-0043



H6
Silver/Silver
Chloride screw-
in half-cell
6004-0051



H23
Marine
Reference Cell
6004-0026



H107
K-Series
Reference Cell
6004-0005



H124D
Silver/Silver
Chloride Top-Up
6005-0361



H28
BCM
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 9001:2008 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.

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 telephoning, sending a fax or by e-mail using the contact details below.

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