



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.

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.

Glass K-Series Reference Cell (laboratory type) – product code: H124

TECHNICAL SPECIFICATION

- 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

- 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): 26cm x 14cm x 30cm

ANCILLARY PRODUCTS AVAILABLE

Screw in K-Series Reference Cells (our ref: H107)
Sea water corrosion test mixture (our ref: H26)
Silver/Silver Chloride screw-in half cells (our ref: H6)
Zinc test blocks (our ref: H8)
Magnesium test blocks (our ref: H9)

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 9001:2008 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.

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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