

The UCP1A contact probe is a lightweight and versatile instrument that provides a means of carrying out underwater cathodic protection potential measurements.

It has been specially designed for use with manned or Remotely Operated Vehicles (ROVs) and comes complete with 3 metres of underwater cable. Each probe is supplied with a Certificate of Inspection and Conformity.

When the stainless steel probe tip of the UCP1A makes contact with the surface under test, the resulting voltage can be read on a suitable high impedance or digital voltmeter.

The UCP1A is extensively used in a wide range of applications including production and drilling platforms, ships' hulls, jetties and other marine works.



FEATURES

- Hard-wearing DELRIN body
- Stainless steel probe tip
- Lightweight design/easy to use
- Suitable for gripping in manipulator arm

TECHNICAL SPECIFICATIONS

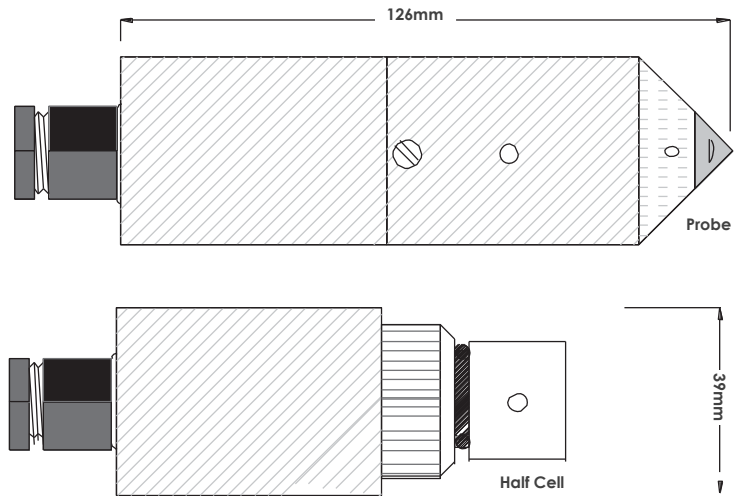
Half Cell

- Type: Silver/silver chloride screw-in
- Output: $\approx +250\text{mV}$ VS SHE
- Temperature coeff: -0.6mV per $^{\circ}\text{C}$
- Temperature range: $0 - 30^{\circ}\text{C}$
- Working life: 1 to 2 years

Unit

- Designed for use with remote voltmeter
- Minimum load impedance $> 10\text{M}$ Ohms
- Probe: Stainless Steel (316) replaceable
- Weight: 0.5Kg
- Size: 126mm x 39mm diameter
- Underwater cable: 3m long x 9mm
- Packed weight (complete): 0.8kg
- Dimensions (packed): 26cm x 14cm x 30cm

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



ANCILLARY PRODUCTS AVAILABLE



Probe tip 45° stainless steel
6004-0015



Verification Kit
6004-0032



Glass K-Series Reference Cell
6004-0013



Probe tip 30° stainless steel
6004-0017



Arrowhead Probe tip 30° stainless steel
5700-0169

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. Annual re-calibration is recommended for the Contact Probe. 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.

Buckleys (UVRAL) Ltd.

Buckleys House, Unit G, Concept Court, Shearway Business Park, Shearway Road, Folkestone, Kent. CT19 4RG. UK

Tel: +44 (0)1303 278888 Email: sales@buckleys.co.uk Website: www.buckleysinternational.com