

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

The UCP1A has been specially designed for use with manned or Remotely Operated Vehicles (ROVs) and comes complete with 3 metres of underwater cable.

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.

The Calibration Kit has been created to provide all the necessary components to enable customers to verify the accuracy of the readings on the Buckleys Contact and Proximity Probes so that 'in-house' calibration certificates can be issued. The kit also comes complete with a comprehensive instruction manual and certificate of inspection and conformity, all contained in a durable carrying case.

KIT CONTENTS

- UCP1A Contact Probe
- 3 x Screw-on K-SAT Reference Cells
- 3 x Adaptor Leads
- Sea Water Test Mixture (500g)
- Zinc Test Block

FEATURES

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

TECHNICAL SPECIFICATIONS

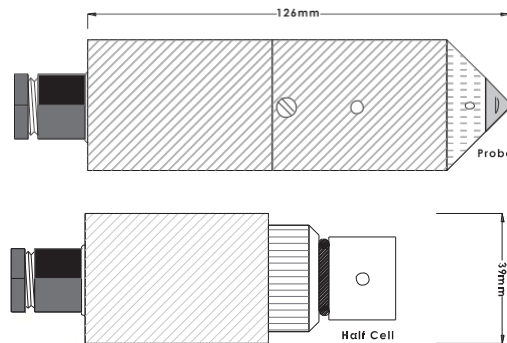
Half Cell

- Type: Silver/silver chloride screw-in
- Output: $\approx +250\text{mV VS SHE}$
- Temperature coeff: $-0.6\text{mV per }^{\circ}\text{C}$
- 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 (our ref: H14)
 - Weight: 0.5Kg
 - Size: 126mm x 39mm diameter
 - Underwater cable: 3m long x 9mm
 - Packed weight (complete): 3.3kg
 - Dimensions (packed): 45cm x 36cm x 16cm
- This product is not depth rated as there are no pressure sensitive components in the assembly.

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



ANCILLARY PRODUCTS AVAILABLE



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 subsea product range. 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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