

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



## 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
- Weight: 0.5Kg
- Size: 126mm x 39mm diameter
- Packed weight (complete): 0.8kg
- Dimensions (packed): 26cm x 14cm x 30cm

## UNDERWATER CABLE LENGTH VARIATIONS

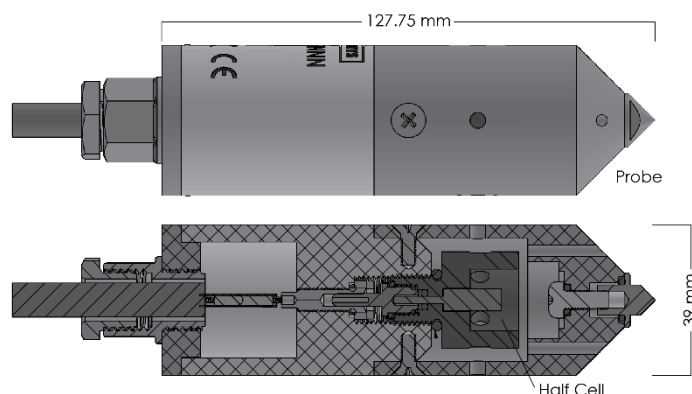
- 3m largo x 9mm: 6004-0039
- 50m largo x 9mm: 6004-0098
- 100m largo x 9mm: 6004-0099
- 200m largo x 9mm: 6004-0100
- 300m largo x 9mm: 6004-0101
- Látigo de emisión gratuita: 6004-0042

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

It has been specially designed for use with manned or Remotely Operated Vehicles (ROVs) and comes complete with differing lengths 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.



## ANCILLARY PRODUCTS AVAILABLE



Probe tip 45°  
stainless steel  
6004-0015



Calibration 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



Long head probe tip  
stainless steel  
5700-0876

## TECHNICAL SUPPORT

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 telephoning, sending a fax or by email using the contact details below.

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