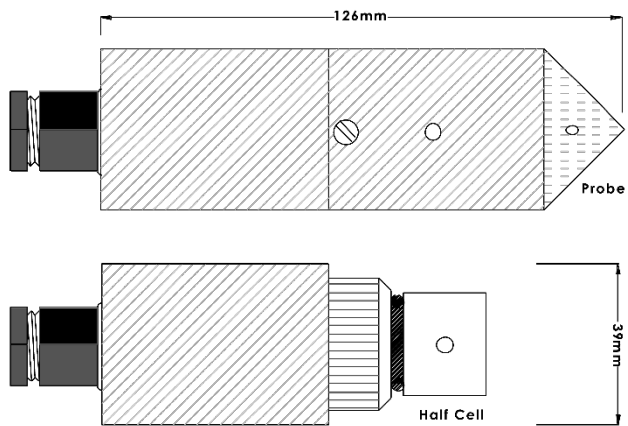


The UCP1B proximity probe is a lightweight and versatile instrument specifically designed to carry out underwater cathodic protection potential measurements.

Remotely Operated Vehicles (ROVs) and comes complete with 3 metres of cable. Each probe is supplied with a Certificate of Inspection and Conformity.

By placing the UCP1B in close proximity to the surface under test, a voltage reading can be obtained on a suitable high impedance or digital voltmeter. The meter should be connected between the probe and a separate structure negative return.

The UCP1B is extensively used in a wide range of applications including production and drilling platforms, ships' hulls, jetties and other marine works.



### KIT CONTENTS

- UCP1B Proximity Probe
- 3 x Screw-on K-SAT Reference Cells
- 3 x Adaptor Leads
- Sea Water Corrosion Test Mixture (500g)
- Zinc Test Block

### FEATURES

- Hard wearing DELRIN body
- Half Cell can be replaced
- Lightweight design
- Easy to use
- Suitable for fitting to manipulator arm

### TECHNICAL SPECIFICATIONS

#### Half Cell

- Type: silver/silver chloride screw-in
- Temperature coeff: -0.6mV per °C
- Temperature range: 0 - 30 °C
- Working life: 1 to 2 years

#### Unit

- Designed for use with remote voltmeter
  - Minimum load impedance >10M Ohms
  - Weight: 0.5Kg
  - Size: 126mm long 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.

### 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 Proximity 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.

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### ANCILLARY PRODUCTS AVAILABLE



Silver/Silver Chloride  
Half Cell  
6004-0051



K-SAT Reference  
Cells  
6004-0111



Glass K-Series  
Reference Cell  
6004-0013



Sea water  
test mixture  
6004-0030



Magnesium  
Test Block  
6004-0053



Zinc Test Block  
6004-0052