

# CP CONTACT PROBE



## GENERAL DESCRIPTION

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. UCP1A product code: H4

### FEATURES

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

### TECHNICAL SPECIFICATION

#### Half Cell

Type: Silver/Silver Chloride screw-in  
Accuracy: +/- 5mV when used in sea water  
Temperature coeff: + 0.2mV per °C  
Temperature range: 0 - 30 °C  
Working life: 1 to 2 years if looked after

#### Unit

Designed for use with remote voltmeter  
Minimum load impedance > 10M Ohms  
Probe: Stainless Steel (316) replaceable (our ref: H14)  
Weight: 0.5Kg  
Size: 126mm x 39mm diameter  
Underwater cable: 3m long x 9mm  
Depth of operation: 700m +  
Packed weight (complete): 0.8kg  
Dimensions (packed): 26cm x 14cm x 30cm



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