

Accessory Data Sheet

Cathodic Protection Contact Probe

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 the VideoRay Pro 4 ROV and comes complete with 3 meters 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.

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 |

Unit

| | |
|--------------------|--|
| 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



FEATURES

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