

# UCP1B PROXIMITY PROBE



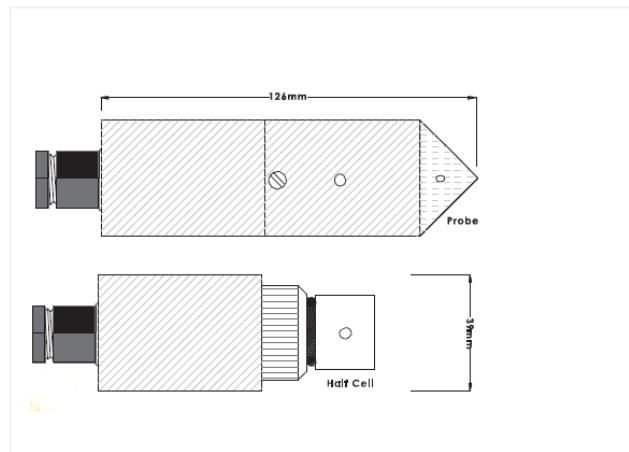
The UCP1B proximity probe is a lightweight and versatile instrument specifically designed to carry out underwater cathodic protection potential measurements.



The probe has been developed for use with manned or 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.



## 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
- 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  $>10\text{M Ohms}$
- Weight:  $0.5\text{Kg}$
- Size:  $126\text{mm long} \times 39\text{mm diameter}$
- Underwater cable:  $3\text{m long} \times 9\text{mm}$
- Depth of operation:  $700\text{m+ (tested)}$
- Packed weight (complete):  $0.8\text{Kg}$
- Dimensions (packed):  $26\text{cm} \times 14\text{cm} \times 30\text{cm}$

## ANCILLARY PRODUCTS AVAILABLE



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