

# BUCKLEY BATHYCORROMETER

Bathycorrometers are used for polarisation, corrosion and interaction surveys, in particular as part of the commissioning check or inspection of:-

- Production and drilling platforms
- Subsea pipelines
- Ships hulls
- Jetties and other marine works.

## FEATURES

- Illuminated digital display
- Facility for adding remote monitoring
- Single handed and light
- Simple to use and maintain
- Robust and inert housing

## TECHNICAL SPECIFICATION

- Operating depth to 350m
- Display 0.001 to 1.999v 3 1/2 digit LCD backlit
- Accuracy 0.05% typical, instrument calibration accuracy  $\pm 1\text{mV} \pm 1$  count
- Input impedance 10M $\Omega$
- Operating temperature range 0 to 30°C, temperature stability 100 ppm/°C
- Operating time on full charge 50hr +
- Reference electrode: Ag/AgCl
- Contact with structure by hardened, stainless steel probe
- Input/output socket for charging, reference test, remote readout and on/off switching
- Weight: in air 2.5Kg, in water 0.85Kg
- Instrument size: 100mm diam. x 275mm long
- Carrying case size 440 x 310 x 140mm



## STANDARD KIT

The Bathycorrometer is supplied in a fitted carrying case together with:-

Battery charger: 14hr standard 110 to 230 volts A.C. input

6 x hardened stainless steel probe tips Probe tip spanner and silicone grease

## ACCESSORIES AVAILABLE

- Silver/Silver chloride screw-in half cell
- Stainless steel probe tips
- Calomel reference cells
- Zinc and Magnesium test blocks
- BCM checker

