



## Buckleys CP Bathycorrometer Mk5

For polarisation, corrosion and interaction surveys

The Bathycorrometer MkIV (Bathy Mk5) is a diver held corrosion voltmeter and can be used in a range of subsea corrosion monitoring applications. It is used to measure the corrosion potential of immersed structures versus its own internal silver/silver chloride electrode as well as determining the level of cathodic protection afforded to a structure. It is designed to determine the corrosion status of subsea structures.

### Applications

Production and drilling platforms  
Ship hulls  
Jetties  
Subsea pipelines

### Features

Accurate 3 1/2 digit LCD display  
LED Backlit LCD display  
Depth of operation – up to 350 metres  
Facility for adding remote monitoring via Surface Display Unit  
Single handed and light  
Robust and inert housing  
Contact with structure by hardened stainless steel probe  
Supplied with Calibration Certificate



# Buckleys CP Bathycorrometer Mk5

## Specifications



Display	0.001 to 1.999v 3 1/2 digit LCD backlit
Accuracy	0.05% typical, instrument calibration accuracy +/- 1mV +/- 1 count
Battery charger	14hr standard 110-230v AC
Input impedance	10M Ohms
Operating temperature range	0 to 30°C, temperature stability 100 ppm/°C
Operating time on full charge	50hr +
Reference electrode	Silver/Silver Chloride
Weight (Unit only)	in air 2.5Kg, in water 0.85Kg
Dimensions (Unit only)	10cm diam. x 27.5cm long
Dimensions (Carrying case)	44cm x 31cm x 14cm

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