

CP BATHYCORROMETER®

EQUIPMENT SPECIFICATION

Neptune can supply a number of cathodic protection (CP) Bathycorrometer®'s as part of our Inspection, Repair and Maintenance (IMR) capabilities.

The Bathycorrometer® is an advanced, hand held, diver operated unit providing a consistent way of determining the corrosion of subsea structures.

It provides the diver with a direct readout of corrosion potential at the point of application. It can also be connected to a Surface Display Unit to give topside readings.

Bathycorrometer®'s are used for polarisation, corrosion and interaction surveys, in particular as part of the commissioning check or inspection of production and drilling platforms, underwater pipelines, ships hulls, jetties, piers and other marine works.



Technical Specifications

Display	0.001 to 1.999v 3 1/2 digit LCD Backlit
Accuracy	0.05% Calibration +/- 1mV +/- count
Battery Charger	14 hr standard 110-230v AC
Input Impedance	10M Ohms
Operating Temperature	0-30°C
Temperature Stability	100 ppm/°C
Full Charge	50hr +
Reference Electrode	Silver/ Silver Chloride
Socket	Multi-Function
Weight in air	2.5kg
Weight in water	0.85kg
Unit Dimensions	10cm diameter x 27.5 cm length
Kit Dimensions	44cm x 31cm x 14cm

Standard Kit

- Buckleys Bathycorrometer®
- Battery charger
- 6 x hardened stainless steel probe tips
- Probe tip spanner
- Silicone grease
- Zinc & Magnesium test blocks
- Instruction Manual
- Carry case

Accessories Available

- Surface display
- Calibration kit
- Calomel reference cells