

BUCKLEYS BATHYCORROMETER®



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 3½ digit LCD backlit
- Accuracy 0.05% typical, instrument calibration accuracy $\pm 1\text{mV} \pm 1$ count
- Input impedance 10M Ω
- 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

DESCRIPTION

The Bathycorrometer® is a consistent way of determining the corrosion of subsea structures. First developed primarily to allow the diver greater surveying freedom by providing direct readout at the point of application. The first unit went into rigorous North Sea service in 1971. Customer satisfaction with the performance of Bathycorrometers has led to specified use, world wide. The current model retains the features of the Roxby unit but with modern electronics.

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.

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

TECHNICAL ADVISORY / AFTER SALES SERVICE

A fast repair and re-calibration service is available to enable customers to fully maintain their Buckleys equipment.

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