

Buckleys Bathycorrometer



The Bathycorrometer® Pro' is the latest generation of the tried-and-tested, industry-standard Bathycorrometer® which has been provided reliable service for subsea corrosion monitoring surveys since 1971. Renowned for its rugged, dependable construction; the Bathycorrometer® has built a reputation for reliability and its ability to handle harsh environments whilst taking accurate measurements.

The latest version of the industry-standard Bathycorrometer® brings a host of developments including a negative display of the structure-to-electrolyte potential and is designed to make it simpler than ever to carry out subsea cathodic protection surveys and further enhance the Bathycorrometer's reliability.

The box contains: Buckleys Bathycorrometer® Pro' , CalChecker Pro' with verification lead, 3 x K Series Reference Electrodes, Battery charger, 6 x hardened stainless steel probe tips, Probe tip spanner, Silicone grease, Zinc test block, Flexible lanyard with carabiner connection, Seawater test mixture, All contained in fitted carrying case with instruction manual, Multi-function socket.

Key Features

- A high-visibility LCD display for improved clarity
- Latest surface technology electronics
- Depth of operation – up to 350 metres
- Facility for remote monitoring via Surface Display Unit Pro'
- Proven, rugged construction
- Single handed and light
- Robust and inert housing
- Contact with structure by hardened stainless steel probe
- Supplied with Calibration Certificate

Specifications

Dimensions (packed)	39cm x 50cm x 20cm
Packed weight (standard kit)	9.05Kg
Dimensions (carrying case)	38cm x 49cm x 19cm
Dimensions (unit only)	10cm x 27.5cm
Weight (unit only)	in air 2.5Kg, in water 0.85Kg
Display	0.001 to -1.999v 3½ digit high visibility backlit LCD
Accuracy	0.05% typical, instrument calibration accuracy +/- 1mV +/- 1 count
Battery charger	14hr standard 110-230V AC
Input impedance	1M Ohm
Operating temperature range	0 to 30°C, temperature stability 100 ppm/°C
Operating time on full charge	50hr +
Reference electrode	silver/silver chloride/seawater