

The Surface Display Pro' has been designed to provide a remote method of displaying the structure to electrolyte readings obtained from the BathyCorrometer® Pro' on the surface.



## FEATURES

- Compact contemporary design
- Rugged construction
- Precision internal reference
- Accuracy of 0.05% of reading
- Multi-position carrying handle/stand
- Supplied with Calibration Certificate
- One year 'back-to-base' warranty

## TECHNICAL SPECIFICATIONS

- Power supply: 110 to 230V AC
- Power consumption: 8VA
- Display: 4 digit LED
- Accuracy: 0.05% of reading
- Resolution: 1 in 9999
- Temperature stability: 50 ppm of range/°C
- Speed of response: Display = 2.5 / sec
- Operating temperature: -20 to +50°C
- Storage temperature: -40 to +85°C
- Weight (unit): 1.6Kg
- Dimensions (unit): 155mm x 85mm x 265mm
- Packed weight: 3.2Kg
- Dimensions (packed): 37cm x 31cm x 30cm

**Note:** Due to ongoing technical developments, all stated information is typical and is subject to change without notice or obligation.

## AFTER SALES SERVICE / TECHNICAL SUPPORT

All Buckleys products are manufactured under the controls established by a quality management system that meets the requirements of BS EN ISO 9001:2015 and are supplied with a one year 'back-to-base' warranty. The equipment is proven to be robust and reliable and will give years of service if maintained in accordance with our instructions.

Buckleys provide full repair and calibration facilities; offering a fast turn-around service for customers' equipment.

Advice on specific applications for all Buckleys products is available from our technical department. Contact us by telephone or e-mail using the contact details below.

## Buckleys (UVRAL) Ltd.

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The Surface Display Pro' (which would typically be on board a ship or on a platform) connects to the BathyCorrometer® (being used underwater by a diver) via a robust, two core water resistant cable of suitable length (supplied separately). Using a 4-20mA signal, the structure to electrolyte potential value shown on the BathyCorrometer® is mirrored on the Surface Display Unit, allowing for quick and easy verification of the structure potential.

It is recommended that the Surface Display Unit (SDU) is purchased with the BathyCorrometer® it is going to be used with, this allows both units to be checked working together.

**Note:** The SDU is not suitable for use with old Roxby BathyCorrometers®, those fitted with Buckleys Retrofit kits or early Buckleys units. Contact Buckleys for advice.

## KIT COMPRISES

- Surface Display Pro' unit
- mains supply lead
- calibration leads from BCM to SDU
- full instruction manual

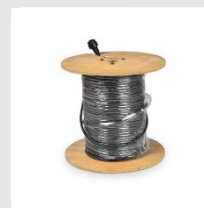
## ALSO REQUIRED

- Two core connection (umbilical) cable (length to customers' requirements)

## ANCILLARY PRODUCTS AVAILABLE:

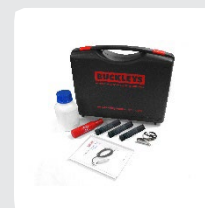


BathyCorrometer®  
Pro  
6004-0078



50m/100m  
Umbilical Cable\*  
6004-0038/6004-0035

\*Other lengths are available



BathyCorrometer®  
Calibration Kit  
6004-0031