



#### FEATURES

- Precision Voltage Reference
- Simple to use
- Cost effective
- Works with Buckleys and Roxby Bathycorrometers
- Battery powered
- Low battery shutdown
- Long life

#### ANCILLARY PRODUCTS AVAILABLE

Replacement Silver/Silver Chloride screw-in half cells for Bathycorrometer (our ref: H6)  
K-series reference cells (our ref: H107)  
Glass K-Series reference cells (our ref: H124)  
K-Series Calibration kit (our ref: H128)  
Marine Survey Kit (our ref: H50)  
Marine reference cells with 12.5m cable (our ref: H23)

The BCM Checker was specially designed to verify the accuracy of the electronics inside the Bathycorrometer and is suitable for both Buckleys and Roxby units. It is quick and easy to use and provides a benchmark for recalibration without needing to break the water seal.

The BCM checker consists of a precision voltage reference giving an output of 1.990 volts. The unit should be plugged into the socket in the Bathycorrometer's handle whilst the other lead is connected to the probe.

With the BCM checker switched off, the Bathycorrometer should read 0.000 and, with the BCM checker switched on, the Bathycorrometer should read 1.990.

The BCM checker is powered by a 9 volt battery (supplied) and is designed to shut off its output when the battery voltage is low. One LED shows when the unit is switched on and a second indicates when the battery requires replacing.

**BCM Checker – product code: H3**

#### TECHNICAL SPECIFICATION

- Power supply: 9 volt battery (PP3)
- Battery type: Alkaline MN1604
- Output voltage: 1.990Volts DC
- Accuracy: +/- 0.01%
- Temperature coeff: 30ppm/°C
- Temperature range: 0 - 30°C
- On indicator: Green LED
- Low battery Indicator: Red LED
- Connection: 5 pin plug & probe clip
- Weight (unit): 0.25Kg
- Dimensions (unit): 6cm wide x 10cm long
- Packed weight: 0.5Kg
- Dimensions (packed): 26cm x 14cm x 30cm

Note: Due to ongoing technical developments, all stated information is typical and 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 9001:2008 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 a full repair service offering a fast turn-around for customer's equipment.

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

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