

Designed For Reliability..

WATER FLOW/SURFACE WATER

General Description

The HyQuest Solutions MagnaRod takes all the headaches out of Current Meter gauging. It is available in two models as follows:

- MagnaRod Model MAG/D: measures and displays Sounding/ Depth of Observation only
- MagnaRod Model MAG/CMC: measures and displays Sounding/ Depth of Observation AND Current Meter Revolutions and Computed Point Velocity

'Point' velocity can be displayed from almost any mechanically rotating current meter. A feature of the device is its ability to „clean“ the signal and interface directly to a compatible PDA, PocketPC, or other computing device and provide serial data that can be used by the external device to compute discharge.

Features

- LCD (with back lighting) to display sounding and depth of observation
- Easy to read ruler on rod
- Push button selection for either IMPERIAL or METRIC measurement
- Keypad mount (Optional) to suit FlowTracker ADCP
- Electronics housed in IP66 water-proof enclosure
- Displays current meter counts Computes and displays point velocity reading (maximum of six current meter fans with up to three fan equations per fan)

- In-built current meter signal processing feature to verify current meter signal and detect any ,shorts' in connections
- Spin test feature
- Dwell test feature
- Integrated Bluetooth interface
- Compatible with AquaCalc software
- Powered by 3 x type „AA“ alkaline batteries
- Low Powered, under continuous operation, (43hrs use backlight ON; 233hrs use backlight OFF)
- Durable and light-weight

Specifications

- Body: Robust Construction that consists of anodised aluminium rods, impact resistant UV stabilised Acetal plastic components, stainless steel current meter mounting adaptors, stainless steel fasteners and brass electronic connectors.
- Level: 'Bulls Eye' bubble level located on handle
- Rod Length Metric (1.2 m) or Imperial (4 ft) - other sizes are available on request.
- Depth Measurement Magnetic strip read by a linear encoder (Metric or Imperial), Aluminium graduated ruler used as a reference
- Adaptor: Different adaptors are available for different type of current meters (OSSPC1, RedBack RB1 /Price AA Bucket

Meters and SonTek FlowTracker)

- Keypad Mount Suitable for Sontek FlowTracker (Optional)
- Packing: Canvas carry bag
- Dimension: 1600x300x140mm (5.3'x 1' x 0.5')
- Weight: 3Kgs [For 1.2m & 4ft]



**MAGNA ROD
MODEL MAG/D Or
MAG CMC**

Note: Current Meter Not Supplied

Contact Us

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