

# Under Ice Discharge Measurement

WATER FLOW | DISCHARGE MEASUREMENT

## General Description

HyQuest Solutions' Under Ice Rod is the **ideal device for measuring discharge of streams under ice**.

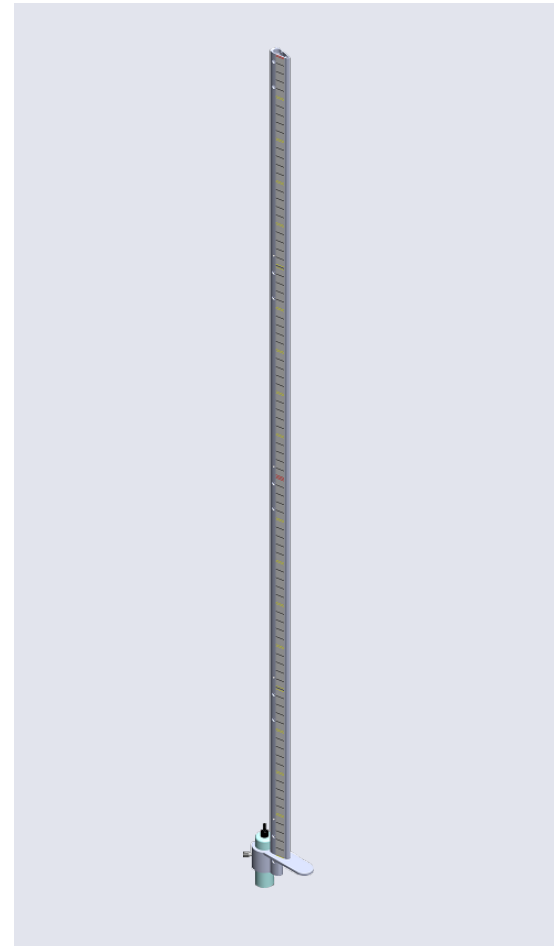
It is a **universal tool** that has been designed specifically for deployment of various brands of ADCPs and mechanical meters. It provides the client with a **unique set of adaptors to suit all makes and models of ADCP and current meters** used for this application. Simply put your ADCP or meter on the appropriate adapter and start the measurement under ice.

The Under Ice Rod can also be used as an **orientation tool** which tells the client the device is pointing directly into the flow.

It has been developed in close partnership with Water Survey Canada hydrographers. Thus, it meets the users' requirements on a very high level.

## Main Features

- Light weight
- Easy to use
- Maintenance free
- Robust, non-corrosive construction
- Rod orientation tool (standard component)
- Adaptors available for wide range of ADCPs and mechanical current meters (provided in robust carry case)
- Rods provided in canvas carry bag



## Technical Specifications

Extruded corrosion resistance lightweight aluminium

2 m length (four sections of 0.5 m each), extra length available on request

Stainless steel joining pin to connect rods

Stainless steel retaining screws to lock rods in position

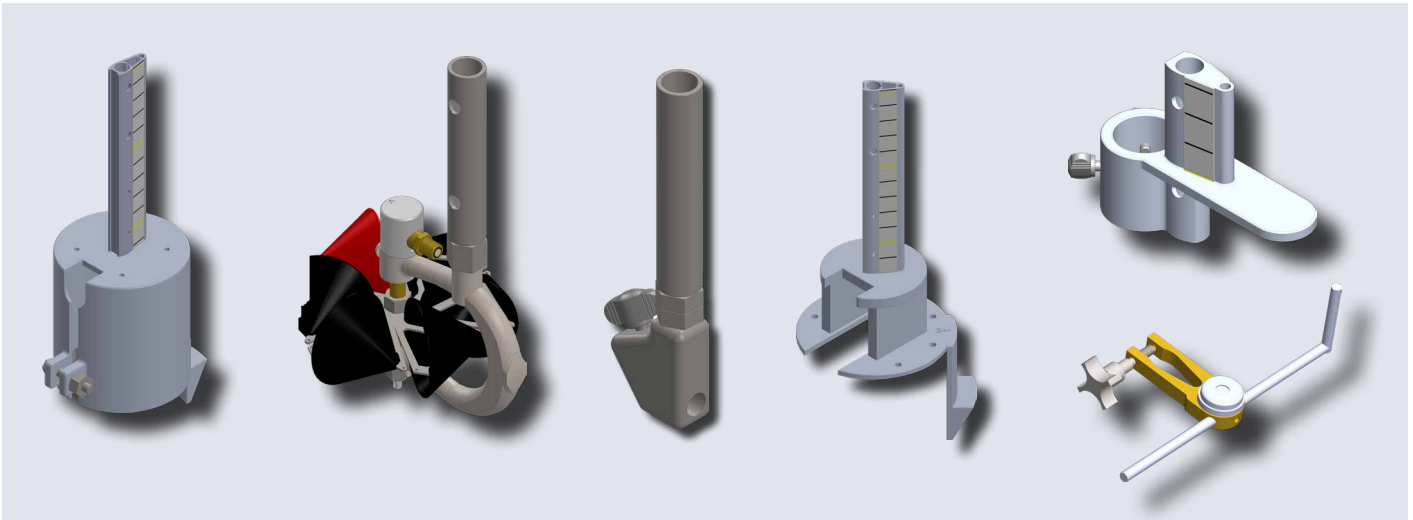
Water proof vinyl labels with high-quality branded graduated tape

Rod graduation:

- In black every 20 mm (one line)
- In yellow every 100 mm (two lines)
- In yellow & black every 500 mm (two yellow lines & middle line in black)
- In red every 1000 mm (three red lines)

Scope of delivery:

- Rod (four sections) in canvas carry bag
- Adapters in robust carry case
- Not included: ADCPs or mechanical devices



Specifications are subject to change without notice. Weights and dimensions are indicative. - © HyQuest Solutions | 04.2021

Reseller

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