

# Universal Water Current Meter

**Universal Water Current Meter** is a world recognized instrument. This current meter is suspended in the water using a cable with sinking weight or wading rod and will accurately measure stream flow velocities 0.04 m/s up to 10 meters per second with Multiple propellers. Magnetic The free ends of the proximity switch cable are connected to a Water Velocity Indicator. The calibration chart provided with the instruments. Universal Water Current Meter serves for determination of current velocities in water courses, canals, rivers and the sea.

## Specifications

Propeller Rotation Diameter: 120 mm,

Propeller Hydraulic Pitch: 250 mm,

Starting Velocity: <0.036 m/s,

Velocity Measuring Range: 0.04 m/s ~ 10 m/s,

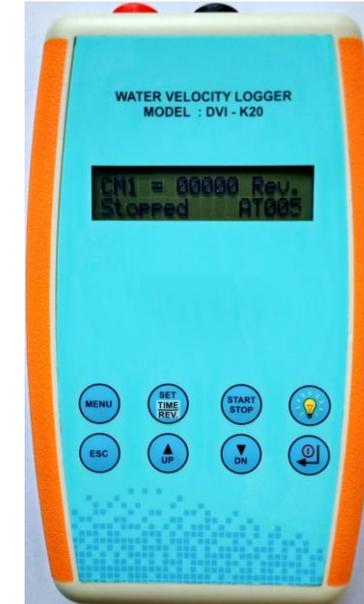
Meter Body: Material high Quality non-corrosive



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Handheld type water velocity logger.  
16X2 LCD with Backlit & contrast adjustment.  
On-site Menu driven controls using 4X2 keys keyboard  
Can be used as Water Velocity Logger or Revolution-Time counter. Any Pulse generating water current meter can be used with DVI-K20.  
Internal Buzzer provided for current meter revolutions recognition. Can be programmed for up to 5 nos. water current meter calibration equation.  
For each current meter 3 equations can be programmed for entire velocity range.  
Can be used for 8 Site locations with different Site ID's.  
Site ID can be programmed for separate current meters as well.  
Data Storage facility: Greater than 5000 Datasets. Automatically logs data after completion of measurement.  
Computer / Laptop connectivity via USB with PC software.  
Data file will be saved in MS-Excel file format.  
Data will be sorted with referenced to Site ID's / Current meters.  
Runs on 2 X AA type Zinc Carbon Batteries (Site replaceable)



**Water Velocity Logger (Model: DVI-K20)**

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This direction indicator is designed for manually observing the water current direction in rivers, this indicator holds the current meter with help of current meter coupler & keeping the compass-north to actual North, user can lower the current meter into the river and can observe the direction of water current simultaneously along with water velocity measurement. As the water current direction change, it will be observed by the pointer mounted at the top of the direction indicator. Can be used for small rivers & can also be lowered from boat for big rivers. Please note this is an optional spare at extra cost.



**Manual Direction Indicator (Optional Spare)**

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**Represented by**

**\*\*Drawing/specifications are subjected to change at any time without prior notice as per manufacturing suitability.**