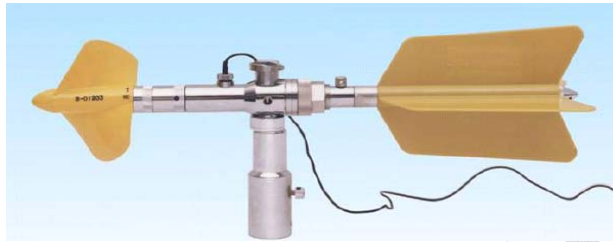




Virtual Electronics Company  
वरचूअल इलैक्ट्रॉनिक्स कम्पनी

# 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. The Instrument case will be Robust version made of Aluminum with Locking arrangements.

**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 Brass.



**Water Velocity Indicator:** This Micro-controller based Direct Velocity Indicator has been designed to measure the Velocity of water in a flowing stream. The velocity of water is calculated as per the calibration equation provided with the Sensor and displayed on the 16x2 LCD display. The Velocity Indicator consists of 4x1 tactile membrane keypad mounted on the front panel. You can save up to 56 readings. Two terminals to connect the current meter sensor are provided on the top. One power connector for charging adopter is also provided

**Features:** Microcontroller based, Storage for 56 readings, Stored in EEprom (Remains intact even if battery removed), Retrieval of data through keyboard, Programmable current meter equation with storage, Programmable polarity (+ve or -ve) for constant in the equation, Range of multiplier: 0.0001 to 1.0000, Range of constant: 0.0000 to 0.9999, Programmable averaging time (1 to 100 secs), Time out features for accidental press of function key (30 Sec), Auto power off if current meter not connected and no key is pressed (10 Minutes), Portable, hand-held easy to use, Battery status indication, User Friendly Menu driven programmable functions.

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