

Non-Contact Water Current Meter

Description

The Non-Contact Water Current Meter is an advanced velocity measuring sensor, which uses advanced technology to achieve a simple, fast measurement. This Sensor is small and lightweight, easy to carry, very suitable for floods or rapids other than other instruments which is difficult to use for measuring river velocity as water-immersed using and on-site testing.

Velocity Sensor integrated a lot of leading technology. Such as the use of precision planar narrowband array sensor, FFT digital signal processing, direction identification, vertical and horizontal angle of the automatic correction; the Sensor can measure the maximum Velocity rate is 20m/ s, detection sensitivity. Sensor has a very user-friendly operation.

Features

- for single use, the weight is less than 1 kg, hand-held measurement
- English interface, easy operation;
- operation, is not affected by sediment, also not be eroded by water;
- the horizontal and vertical direction Angle automatic correction;
- a variety of measurement mode, can rapid measurement can also be continuous measurement;
- can be used continuously for more than 10 hours using
- a variety of charging ways, you can use alternating current, vehicular charging and mobile power charging.



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Technical parameters

- Operating temperature range $-20^{\circ}\text{C}\sim+70^{\circ}\text{C}$
- Relative humidity range 20%~80%
- Storage temperature range $-30^{\circ}\text{C}\sim70^{\circ}\text{C}$
- Measuring range 0.03~20m/s
- measurement accuracy $\pm 0.03\text{m/s}$
- Angle compensation Horizontal and vertical angle
- 2000 measurement results
- Standby state (at 25°C) More than 6 months
- Continuously working More than 10 hours

DUQE Square Business Centre, Quarter
Deck, Queen Elizabeth 2, Mina Rashid,
Dubai (United Arab Emirates)

Tel. +971-525829733

E-mail: sales@instrumex.ae

Easy to use

To take a velocity measurement, point the instrument at the water surface press, the button and begin measuring surface velocity flowing towards or away from you.



Represented by

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