

FIELD Environmental Instruments

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GLOBAL WATER

Global Flow Probe

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The Global Flow Probe is a highly accurate water velocity instrument for measuring flows in open channels and partially filled pipes. The Flow Probe consists of the protected Turbo-Prop positive displacement sensor coupled by the expandable probe handle to the digital readout display. The Flow Probe incorporates true velocity averaging for the most accurate flow measurements. The Flow Probe is ideal for storm water runoff studies, measuring flows in rivers and streams, and monitoring velocity in ditches and sewers.

A 3-foot Mylar coated staff gauge graduated in hundredths and centimeters is attached directly to the lower section of the probe for instantly measuring water depth and probe position. The waterproof digital read-out located on the top of the handle, displays instantaneous velocity as well as true velocity averaging. Two-button keypad also allows readout of maximum velocity, time, chronometer and totalizer. Easily replaced internal watch type batteries power the unit for up to two years.

The anodized aluminum-telescoping handle is available in length that extends 3 to 6 feet. The key feature is a unique, free rotating turbo-prop propeller sensor protected inside a 2" diameter PVC housing. The housing may be placed directly on the bottom of pipes or streams for measuring flows down to 2" depths.

SPECIFICATIONS

Range:	0.3-25 FPS (0.1-8 MPS)
Accuracy:	0.1 FPS
Averaging:	True digital running average. Readings taken once per second
Display:	LCD
Sensor Type:	Protected Turbo-Prop propeller with electro-magnetic pickup
Weight:	2 lbs. (10 lbs. U.S., 14 lbs. international shipping weight)
Size (Length):	3' to 6'
Sensor Housing:	2" diameter x 3" long
Materials:	PVC, anodized aluminum, stainless steel bearing
Power:	Internal watch type batteries/1 year life
Operating Temperature:	0° to 120° F
Carrying Case:	The Flow Probe is shipped in a padded carrying case.

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Visit us soon on the web
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