



Flow Probes - FP111, FP211, and FP311

DIGITAL HANDHELD WATER VELOCITY METERS

Highly-accurate, easy flow monitoring for surface water, stormwater, wastewater, and other open flowing water sources.

The **FP111, FP211, and FP311 Flow Probes** are highly accurate water velocity instruments for measuring flows in open channels and partially filled pipes. The water velocity probe consists of a protected water turbo prop positive displacement sensor coupled with an expandable probe handle ending in a digital readout display. The water flow meter incorporates true velocity averaging for the most accurate flow measurements.



◀ FP111



Records 30 data sets, and readings are in feet or meters per second.



Telescoping handles ranging from 3 feet to 14 feet



Rain-proof digital computer and display with 5 year shelf life



Lightweight, rugged and reliable



a **xylem** brand

Flow Probes FP111, FP211, FP311



Digital Display ▶



◀ Optional Swivel Tee



◀ Flow probe propeller with magnetic sensor

Flow Probe Specifications	
Range	0.3 - 19.9 FPS (0.1 - 6.1 MPS)
Accuracy	0.1 FPS
Averaging	True digital running average. Updated once per second.
Display	LCD, Glare, and UV Protected
Control	4 button
Datalogger	30 sets, MIN, MAX, and AVG
Features	Timer, Low battery warning
Sensor Type	Protected Turbo-Prop propeller with magnetic pickup.
Weight	Instrument: 2 lbs (0.9 kg) (FP111); 3 lbs (1.4 kg) (FP211); 2.8 lbs (1.3 kg) (FP311)
	Shipping: 13 lbs (5.9 kg) (FP111); 23 lbs (10.4 kg) (FP211); 19 lbs (8.6 kg) (FP311)
Expandable Length	3.7 to 6 ft (1.1 to 1.8 m) (FP111); 5.5 to 14 ft (1.7 to 4.3 m) (FP211); 2.5 to 5.5 ft (0.76 to 1.7 m) (FP311)
Materials	Probe: PVC and anodized aluminum with stainless steel water bearing
	Computer: ABS/Polycarbonate housing with polyester overlay
Power	Internal Lithium Battery, Approx 5 years life with typical use, Non-Replaceable
Auto Shutoff	After 5 minutes of inactivity
Operating Temperature	-4 °F to 158 °F (-20 °C to 70 °C)
Storage Temperature	-22 °F to 176 °F (-30 °C to 80 °C)
Carrying Case	The Flow Probe is shipped in a padded carrying case.
Certificates	CE



YSI, a Xylem brand
1725 Brannum Lane
Yellow Springs, OH 45387

☎ +1.937.767.7241
✉ info@ysi.com
🌐 YSI.com

Who's
Minding
the Planet?®



YSI.com/Flow-Probe