



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.



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