

WET Labs flow sensor is ideally suited for measuring the flow rate of instruments that require a pumped sample exchange. Some applications that benefit from accurately measured sample flow include

- Temporal and spatial correlation of data from separate instruments such as conductivity, temperature, depth, absorption, attenuation, and fluorescence;
- Determination of mechanical filtration fouling;
- Validation of sample exchange.

The flow sensor is available with 1–4 in-line flow heads. The flexible data output allows it to be easily integrated into data loggers, CTDs and other data recording devices that can accept a single-ended 0–5 V analog signal or an RS-232 serial stream.



## Specifications

Mechanical		Electrical	
<i>Diameter</i>	6.3 cm	<i>Input</i>	7–15 VDC
<i>Length</i>	20.2 cm	<i>Current draw</i>	40 mA (4 flow heads)
<i>Weight in air</i>	0.6 kg		24 mA (2 flow heads)
<i>Pressure housing</i>	Acetal copolymer	<i>Output</i>	Tab-delimited ASCII text, Analog V out (optional)
		<i>Connector</i>	MCBH6M
		<i>Sample rate</i>	1 Hz
		<i>Measurement range</i>	0.5–5.0 l/min
Environmental		<i>Accuracy</i>	+/- 3% of full scale
<i>Temperature range</i>	0–30 deg C	<i>Resolution</i>	0.04 l/min
<i>Depth rating</i>	600 m		

*Specifications are subject to change without notice.*