

## Flow Meters

- In-line, real-time flow rate measurement
- Real-time data logging via USB cable
- Fully adjustable data smoothing
- Compatible with a wide variety of tubing sizes ranging from 1/8-inch to 360 micron capillary
- Can save multiple calibrations for different liquids on-board
- Arrives calibrated for aqueous solutions
- Factory calibration for common fluids is available upon request
- User can calibrate meter



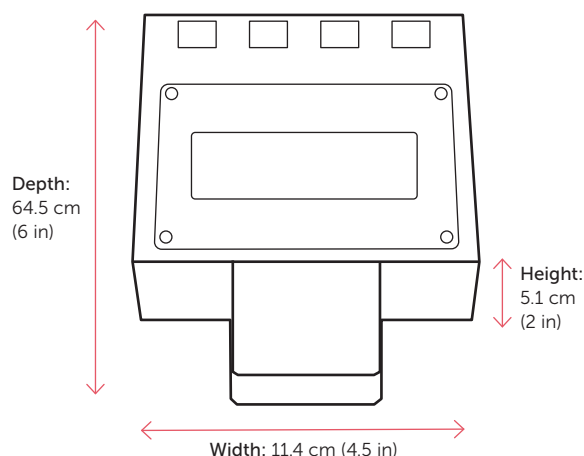
### Specifications

	Nano	Micro	Milli	Milli +5
Flow Rate Range	±0–8000 nL/min	±0–120 µL/min	±0–1100 µL/min	±0–5.0 mL/min
Standard Calibrated Flow Rate Range	±90–7000 nL/min	±1–80 µL/min	±30–1000 µL/min	±0.2–5.0 mL/min
Accuracy below full scale (% of full scale)*	0.3%	0.15%	0.2%	0.2%
Repeatability below full scale	0.05%	0.01%	0.02%	0.02%
Flow Detection Response Time	40 msec			
Operating Pressure	200 bar (2,900 psi)	100 bar (1,450 psi)	15 bar (218 psi)	15 bar (218 psi)
Operating Temperature	10 to 50°C (50°F to 122°F)			
Fluid Connector Type	UNF Taper 6-40	UNF ¼-28 Flat Bottom	UNF ¼-28 Flat Bottom	UNF ¼-28 Flat Bottom
Flow Sensor Inner Diameter	150 µm (0.006 in)	430 µm (0.017 in)	1.0 mm (0.04 in)	1.8 mm (0.07 in)
Flow Sensor Internal Volume	1.5 µL	5.1 µL	< 30 µL	< 90 µL

\* % of scale, or 5% of measured value (which ever value is larger)

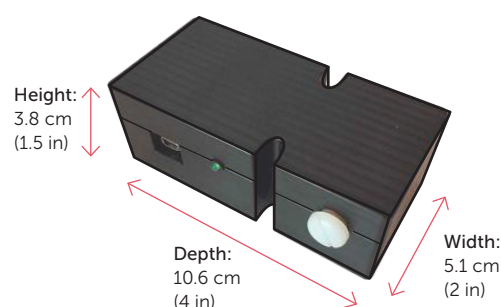
### Dimensions

#### Flow Meter Plus



#### Flow Meter ECO

Economy version. Same functionality as the Flow Meter Plus but without the display and manual controls. Software control only.



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