

# FLOW READER

## Flow Meter for Low Flow Rate Bioprocess Applications

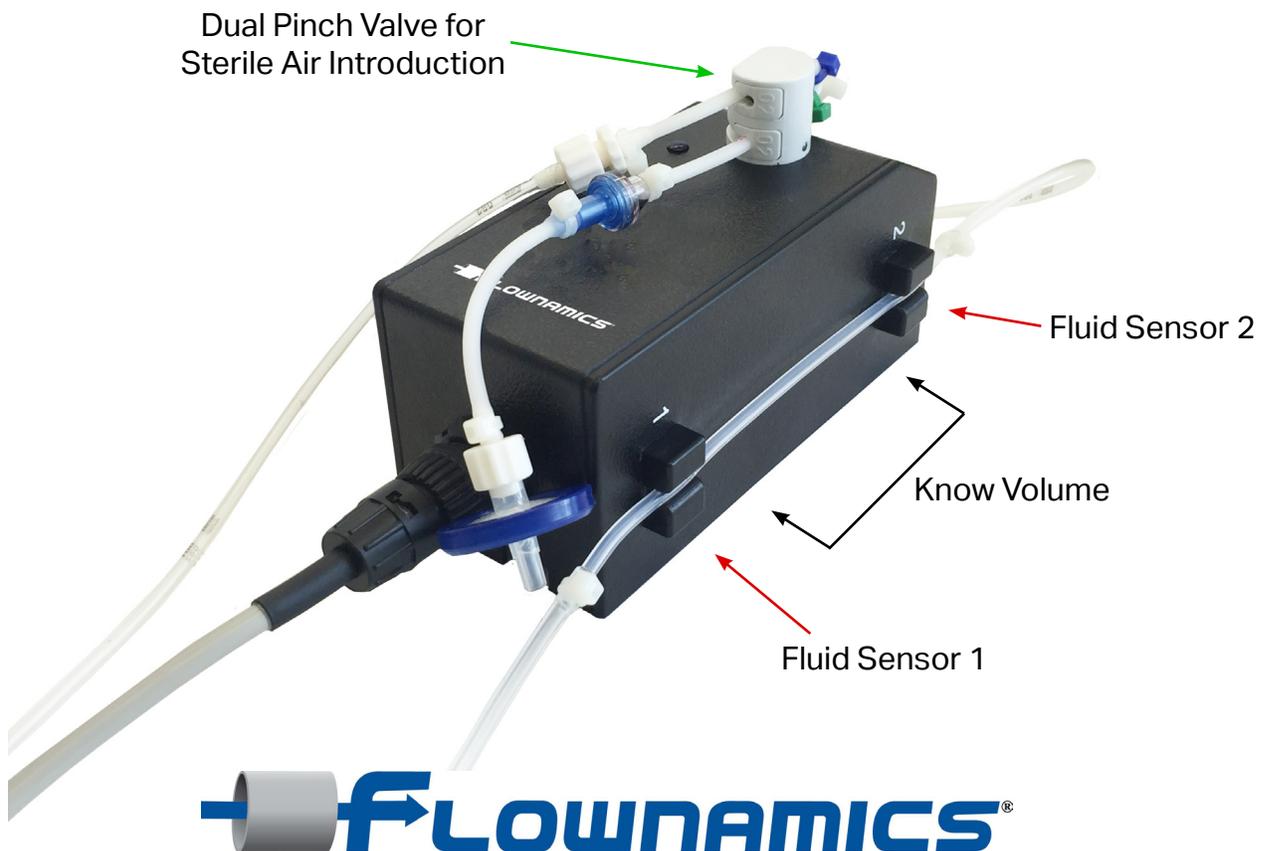
The Flow-Reader uses our patent pending dual fluid sensor technology to accurately measure flow rates and features a disposable fluid path. Flowrates from .01 ml/min to 10 ml/min can be measured. Calibration and recalibration of pumps during your process is no longer required. Using feedback from the Flow-Reader, pumps will auto calibrate (based on user preference), eliminating the need and disruption of taking them off-line for manual calibration.

The Flow-Reader can be used with our FP-101 pumps or any pump that has a 0 to 10V input. Our gamma radiated Flow-Reader disposable tubing can be welded directly into your fluid path.

## Dual Fluid Sensor Technology

The flow meter works by introducing a sterile air bubble into the fluid path and tracking the leading edge of the fluid as it passes the two fluid sensors. The distance between the two sensors contains a known volume of fluid; allowing accurate calculation of flow rates.

### How it Works



**FLOWNAMICS**<sup>®</sup>  
*Your Bioprocess Sampling Solution*

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