

WHISPER™ Series

LOW PRESSURE DROP MASS FLOW METERS AND CONTROLLERS

*100 ms control
response*

*Incredible
sensitivity*

*Measurable flow from
0.0005–1000 SLPM*

*Ready-to-ship
inventory*

*Pressure drops
as low as 0.07 PSI*



Invisible Flow Measurement

Nearly invisible flow measurement and control for minimal system impact

Making You Faster

- <1 ms sensor response time
- 30–150 ms control response: stills upstream fluctuations
- Instant-on: ready in <1 second
- All flow data visible on one screen (flow, pressure, temp)
- Controller PD or PD²I valve tuning for best speed and stability
- Digital and analog outputs

Common Options

- Bidirectional Flow Calibration enables full-scale readings in both flow directions
- Integrated Flow Totalizer provides cumulative readings of total quantity flowed over time
- Downstream Valve optimizes control in vacuum conditions or backpressure applications
- Backlit Color Display shines in low lighting
- CSA Class 1 Div 2 (ATEX Zone 2) Classification permits operation in hazardous environments
- Industrial communications: EtherNet/IP, DeviceNet, PROFIBUS, Modbus, or EtherCAT



Controllers

- Control flows for leak testing or anywhere you need to maintain system pressure

Meters

- Monitor flows near atmospheric pressure

Portable Meters

- Easy, no-impact flow verification instantly!