

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

WHISPER™ Series

LOW PRESSURE DROP MASS FLOW METERS AND CONTROLLERS

*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!