

# 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 PD<sup>2</sup> 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!