

Analog and Digital Flow Meters TSI 4000 Series

The TSI 4000 Series inline flow meters were designed for ultra-low pressure loss to minimize flow circuit back pressure and its impact on the system. The meters include digital and analog outputs for flow rate, absolute pressure, and temperature. Volume measurements can be made through the RS232 digital interface.

SPECIFICATIONS

- Accuracy of 2% of reading (not full scale)
- High turndown ratio
- Multi-gas, user-selectable
- 4 ms response to changes in flow
- Ultra-low pressure drop
- RS 232 interface for digital outputs and configurable device options
- Voltage output of flow rate
- Measure flow rate, temperature, and pressure (display unit only) in one instrument
- Built-in temperature and pressure compensation
- NIST-traceable calibration certificate included with purchase



MODELS

Model	Range	Connection	Calibration
<u>4040</u>	0-300 L/min	22 mm ISO	Air, O2, N2
<u>4045</u>	0-300 L/min	3/4 inch tube	Air, O2, N2
<u>40401</u>	0-300 L/min	22 mm ISO	Air
<u>4043</u>	0-200 L/min	1/2 inch tube	Air, O2, N2
<u>41401</u>	0.01-20 L/min	1/4 inch tube	Air
<u>4140</u>	0.01-20 L/min	1/4 inch tube	Air, O2, N2
<u>4143</u>	0.01-20 L/min	3/8 inch tube	Air, O2, N2
<u>41403</u>	0.01-20 L/min	1/4 inch tube	N2O, Air, O2, N2
<u>41433</u>	0.01-20 L/min	3/8 inch tube	N2O, Air, O2, N2