

Mass Flow Meters for Corrosive and Toxic Gases

FEATURES

- Direct monitoring of mass flow rate eliminates need for ancillary pressure and temperature sensing
- Stainless-steel flow body accommodates most corrosive and toxic gas applications
- Digital display of mass flow rate on flow body or in remote version for panel mounting
- Electronic output of mass flow rate for control or data-logging
- Large, straight sensor tube reduces contamination and maintenance down-time
- Platinum sensor eliminates zero drift and ensures long-term repeatability
- Primary standard calibration ensures starting point accuracy and NIST traceability
- CE Approved



www.sierrainstruments.com



TopTrak[®] 8225/8245



DESCRIPTION

Sierra Instruments' TopTrak™ 8205 is designed for precise measurement of any process gas in ranges from 0 to 10 sccm to 0 to 500 slpm. Because all wetted materials are 316 stainless steel, the device accommodates most clean gases, including corrosives.

The 8205 measures and displays the mass flow rate directly in any user defined gas mass units. The instrument display is tiltable over 180° for easy viewing and can be removed for remote panel mounting. A 0 to 5 VDC or 4 to 20 mA linearly output signal proportional to gas mass flow rate is provided for recording, data-logging or control.

TopTrak's outstanding accuracy is a function of a high-stability platinum flow sensor. This sensor has been continuously tested for over two years. The maximum deviation (drift) during that time was less than 0.5%. The sensor's large internal diameter also prevents the clogging and contamination often associated with capillary type thermal mass flow meters.

TopTrak's broad range of sizes, electronics, process connections and input/output options provide flexibility, versatility and ultimately, the ideal instrument package for your specific application.

The information contained herein is subject to change without notice.