

Mass Flow Meters for Corrosive and Toxic Gases

FEATURES

- Direct monitoring of mass flow rate eliminates need for auxiliary 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
- Polished sensor eliminates any drift and ensures long-term repeatability
- Primary standard calibration ensures starting point accuracy and 100% traceability
- CE Approved

TopTrak 822S/824S



ADVANTAGES

Siemens Instruments' TopTrak™ 824S is designed for precise measurement of any process gas in larger flow (2 to 100 sccm to 100,000 sccm). It can be used for a wide range of materials and 100+ standard and flow gases, accommodates most flow gases, including corrosives.

The 824S measures and displays the mass flow rate directly in any user defined gas mass units. The instrument display is stable over 100° for easy viewing and can be removed for remote panel mounting. 4-20 mA HART or 4 to 20 mA HART only 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 absolute drifts 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 size, electronic process connections and input/output options provide flexibility, versatility and ultimately, the ideal instrument package for your specific application.

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