

High-Flow Gas Mass Flow Meters with Digital Display

FEATURES

- Direct monitoring of mass flow rate eliminates need for ancillary pressure and temperature sensing
- Digital display of mass flow rate on flow body or remote console for panel mounting
- Maximum flow body accommodation meet gases in flow rates up to 175 sccm
- Electronic output of mass flow rate available for remote or data logging
- Large, straight sensor tube reduces contamination and maintenance down time
- Platinum sensor eliminates zero drift and ensures long-term repeatability
- Heavy standard calibration ensures lasting gain accuracy and NIST traceability
- CE Approved

TopTrak 826/827



DESCRIPTION

Size instrument 826/827 High Flow TopTrak[®] assembly measures the mass flow rate of most clean gases. Available in flow ranges from 0 to 75 sccm up to 0 to 175 sccm. Standard surfaces are anodized aluminum with 1/4" NPTs, and all are ceramic coated.

The 826/827 measures and displays the mass flow rate directly in sccm or slpm. The instrument is available with or without a digital display which is flexible over 180° for easy demount and be removed for remote panel mounting. A 0 to 1000 or 0 to 20 mV output signal linearly proportional to gas mass flow rate is provided for recording, data logging or control. A 4 pin "I" connector for the output signal, temperature and remote display drive is standard.

TopTrak's performance is characterized accuracy to 1.0% of full scale over wide temperature and pressure range and time response is less than one to within 1% of full flow. This device is widely used in a variety of flow calibration and calibration applications, by means of known flow, and in a multitude of laboratory, test and industrial operations.



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