

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 version for panel mounting
- Aluminum flow body accommodates most gases in flow rates up to 175 slpm
- Electronic output of mass flow rate available 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



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For information online...
www.sierrainstruments.com

Top-Trak® Model 826/827



Description

Sierra Instruments' Model 826/827 High-Flow Top-Trak® accurately measures the mass flow rate of most clean gases. Available in flow ranges from 0 to 75 slpm up to 0 to 175 slpm. Wetted surfaces are anodized aluminum with Viton® "O" rings, and all are corrosion-resistant.

The Model 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 tilt-able over 180° for easy viewing and can be removed for remote panel mounting. A 0 to 5 VDC or 4 to 20 mA output signal linearly proportional to gas mass flow rate is provided for recording, data-logging or control. A 9-pin "D" connector for the output signal, input power, and remote display drive is standard.

Top-Trak's performance is unsurpassed: accuracy is 1.5% of Full Scale over a wide temperature and pressure range, and time response is two seconds to within 2% of final flow. This device is widely used in a variety of flow validation and calibration applications, by dozens of instrument OEMs, and in a multitude of laboratory, test and analytical operations.

The information contained herein is subject to change without notice.

Ordering the Model 822, 824, 826 or 827

PARENT NUMBER

- 822** Top-Trak® Mass Flow Meter with Display
- 824** Top-Trak® Mass Flow Meter
- 826** Top-Trak® High-Flow Meter with Display
- 827** Top-Trak® High-Flow Meter

INLET/OUTLET FITTINGS

- 1** 1/8-inch Compression, Max flow 5 slpm
- 2** 1/4-inch Compression, Max flow 50 slpm
- 3** 3/8-inch Compression
- 5** 1/4-inch VCO, Max flow 50 slpm
- 8** 1/4-inch VCR, Max flow 50 slpm
- 10** 6 mm Compression, Max flow 50 slpm
- 11** 10 mm Compression
- 13** 1/4-inch NPT, female
- NX** 1/2-inch NTP, female (826, 827)

ELASTOMERS

- OV1** Viton®

INPUT POWER

- PV1** 12 to 15 VDC
- PV2** 24 VDC

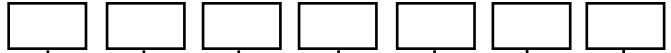
OUTPUT SIGNAL

- V1** 0 to 5 VDC, Linear
- V4** 4 to 20 mA, Linear

OPTIONS

- RD(ft)** Remote Display (Cable Length in Feet)
- MP** Medium Pressure Calibration
- LF** Low Flow Calibration (0 to 20 sccm or below)

GAS, FLOW RATE



ACCESSORIES (Consult Factory)
CONNECTORS AND CABLES (Consult Factory)

