

FLUXION TECHNOLOGIES

Precision Gas Flow Measurement Solutions



Model 2601-H · Three-Range Portable Gas Flow Standard

Product Overview

The Model 2601-H is a three-range portable gas flow standard designed for maximum versatility. Each range delivers a 10,000:1 turndown ratio, battery or AC-powered with an intuitive color touch screen display.

Supports pure gases and gas mixtures across three independent flow ranges, logging time-stamped flow rate and pressure data to USB in Excel format.

Key Features

- Three independent flow ranges — 10,000:1 turndown each
- Ranges 1 & 2: 20 sccm to 250 slpm full scale
- Range 3: 20 sccm to 20 slpm full scale
- Battery or 24 Vdc wall-powered operation
- Color touch screen with intuitive user interface
- USB data logging — time-stamped to Excel format
- 1/4" and 3/8" compression or FNPT process connections
- Optional high-pressure configuration up to 320 psia
- Optional special low full scale ranges as low as 0.5 sccm



Model 2601-H

Technical Specifications

Flow Accuracy	±0.6% of reading or ±0.1% of full scale (whichever is greater)	Flow Repeatability	±0.1% of reading + 0.02% of full scale
Rangeability	0.01% to 100% of full scale (10,000:1 turndown per range)	Full Scale Flow Ranges	Ranges 1 & 2: 20 sccm–250 slpm · Range 3: 20 sccm–20 slpm
Pressure Range	11.5 to 160 psia standard; up to 320 psia (high-pressure option)	Pressure Accuracy	±0.5% of reading after tare
Pressure Units	Absolute or gauge (configurable)	Temperature Accuracy	±1.35 °F (±0.75 °C)
Power Supply	24 Vdc wall adapter or 24 Vdc internal battery pack	Connections	1/4" and 3/8" compression fittings or 1/4" FNPT
Dimensions	18.2" L × 13.4" W × 6.7" D	Weight	Approx. 17 lb (7.7 kg)

Available Flow Ranges

Ranges 1 & 2 20 · 50 · 100 · 200 · 500 sccm · 1 · 2 · 5 · 10 · 20 · 50 · 100 · 250 slpm

Range 3 20 · 50 · 100 · 200 · 500 sccm · 1 · 2 · 5 · 10 · 20 slpm

All units custom-built to order — contact us for a quotation.

Fluxion Technologies LLC

Each unit is custom-built to your specifications.

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