

FLUXION TECHNOLOGIES

Precision Gas Flow Measurement Solutions



Model 2601-L · Portable Gas Flow Standard

Product Overview

The Model 2601-L is a compact, portable single-range gas flow standard with a 10,000:1 turndown ratio. Battery or AC-powered with a color touch screen, it suits both field and laboratory environments.

Supports pure gases and gas mixtures, logging time-stamped flow rate and pressure data to USB in Excel format. A corrosive gas variant covers 14 additional aggressive species.

Key Features

- € 10,000:1 turndown ratio — widest range in its class
- € Battery or 24 Vdc wall-powered operation
- € Color touch screen with intuitive user interface
- € USB data logging — time-stamped to Excel format
- € Standard ¼" compression or FNPT process connections
- € Optional high-pressure configuration up to 305 psig
- € Corrosive gas version available (14 additional species)
- € Custom-built to customer specifications



Model 2601-L

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)	Pressure Range	Up to 145 psig standard; up to 305 psig (high-pressure option)
Pressure Accuracy	±0.5% of reading after tare	Pressure Units	Absolute or gauge (configurable)
Temperature Range	14 °F to 140 °F (–10 °C to 60 °C)	Temp. Accuracy	±1.35 °F (±0.75 °C)
Power Supply	24 Vdc wall adapter or 24 Vdc internal battery	Connections	¼" compression fittings or ¼" FNPT
Dimensions	10.67" L × 9.75" W × 4.86" D	Weight	7 lb (3.2 kg)

Standard Full-Scale Ranges

20 sccm · 50 sccm · 100 sccm · 200 sccm · 500 sccm · 1 slpm · 2 slpm · 5 slpm · 10 slpm · 20 slpm · 25 slpm
Special low-range units available down to 0.5 sccm full scale. All units are custom-built to order — contact us for a quotation.

Fluxion Technologies, LLC

Each unit custom-built to your specifications.

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