SEMTECH HI-FLOW 2

Heath
Your Safety Our Commitment

Complies with OOOOb

Sensor, Inc. SEMTECH HI-FLOW 2 stands out as the only high-volume sampler currently available that offers fully automated testing tailored for OOOOb compliance and daily audit verifications. This portable, battery-powered sampler sets itself apart with the lowest detection limits and the ability to measure the highest leak rates possible.

Equipped with cutting-edge technology, the SEMTECH HI-FLOW 2 ensures the most accurate quantification of fugitive methane emissions on the market. Its innovative design combines an Analyzer and Sampler, complete with various sampling adapters, allowing for the entire fugitive methane emission to be captured, diluted, and quantified accurately. The integration of state-of-the-art TDLAS and a high-output fan in the SEMTECH HI-FLOW 2 results in a remarkable 3-5x lower detection limit (0.0005 CFM) and a 3x increase in maximum leak rate (25 CFM) compared to traditional devices.

Moreover, the TDLAS is tuned specifically to methane eliminating interference from other gases present in different applications, ensuring unparalleled accuracy in methane detection in up, down, and mid-stream operations.

sensors

- ✓ Sampler - includes a high-output sampling fan and total flow rate monitor in a ergonomic handheld device.
- ✓ Analyzer - incorporates the advanced gas sensing technology, control electronics, and battery pack in a portable control module which can be carried, placed on the floor, or mounted to a backpack.

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certified WBENC WOMEN'S BUSINESS ENTERPRISE

SPECIFICATIONS

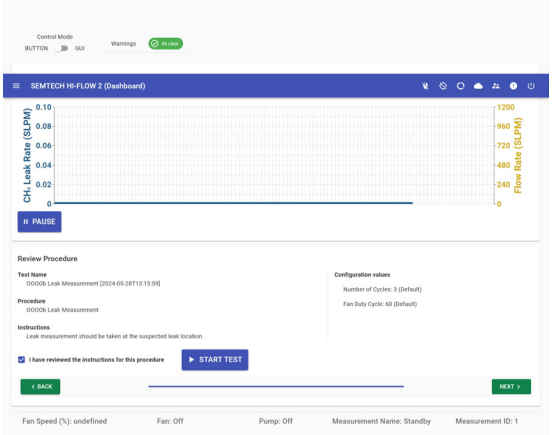
Total Flow Rate*	5-30 CFM (Upper limit dependent on accessories)
Measurable Leak Rate*	0.0005 to 25 CFM (0.015 to 700 lpm) (LDL 0.6 g/hr)
Accuracy	<5% of full scale or 15% of point, whichever is lower (for volume or mass rate)
Flow Rate Accuracy	< ±2.5% (with density correction)
TDL Accuracy	< ±2.5% p.t.
Background Correction	Recommended pre and post-correction with a precision of 2 ppm
Hazardous Classification	Class 1, Division 2, Group D, T4
Complies With	EPA 40 CFR Part 60, NSPS OOOOb ACR - carbon registry methodology
Dimensions (W x D x H)	Analyzer: 12 x 12.0 x 5.7 in (30 x 30 x 14.5 cm) Sampler: 26.3 x 7.5 x 10.5 in (66.8 x 19 x 12.7 cm)
Weights	Analyzer: 17.5 lbs (7.9 Kg) Sampler: 10.8 lbs (4.9 Kg)
Connection	WiFi
Data Output	Customizable csv files / compressed zip files with configuration data.
Memory	4000 2-hour tests; >10 Gigabytes database (recommended annual cleanup)
Batteries	LiFEPO4 (with spare battery included) rated 12.8V, with capacity of 96 Wh Run Time: 4 to 6 hours (per battery) at 50% duty cycle Charging Time: ca 4 hours

*Inlet restrictions on the handheld sampling unit will reduce the maximum achievable flow.

BENEFITS:

- ✓ Methane specific advanced gas sensor technology
- ✓ Built-in WiFi with web-based GUI for interactive full control on user preferred display
- ✓ GPS for location data recording during testing
- ✓ Built-in scripts for regulatory compliance, sampling protocols, periodic checks and audits
- ✓ Advanced preloaded queries for automated report generation
- ✓ API ready for IoT applications
- ✓ Integrated flow and sampling system, configurable up to ~30CFM

NOW AVAILABLE - Automated Testing



With one simple click, a fully automated procedural driven testing experience for both EPA NSPS OOOOb compliance testing and the ACR (American Carbon Registry) methodology for CH4 emissions carbon credit capture.

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