OUR SOLUTIONS.
YOUR SAFETY.

About SensorX Solutions

SensorX Solutions is leveraging the power of IIoT sensors, by combining it with technologies such as Blockchain, AI and Cloud Computing. We serve GHG monitoring markets with integrated IIoT and software solutions to fight climate change. We are proud to partner with cutting-edge sensor manufacturers worldwide, while providing our solutions to global markets.

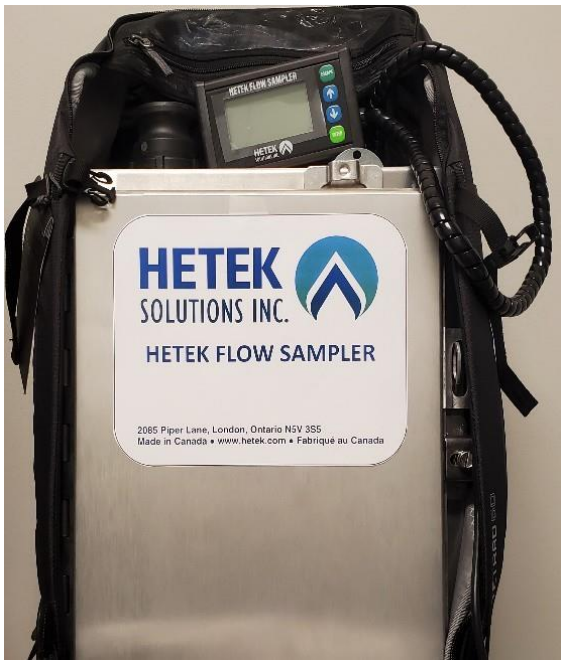
Visit
www.sensorXsolutions.com
for more information.

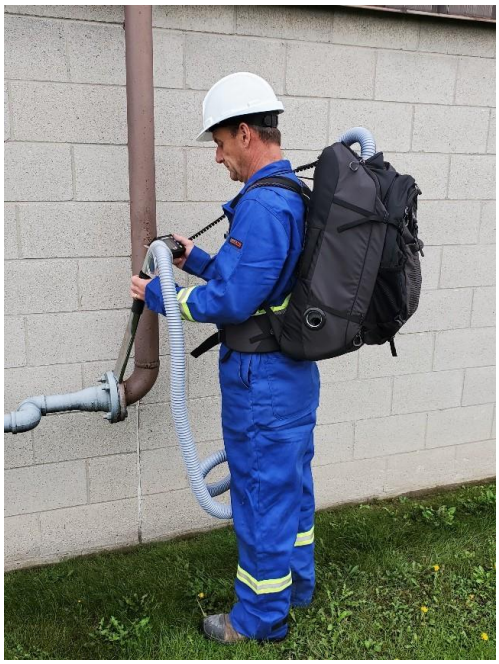
Your sales contact:
sales@sensorXsolutions.com

MADE IN CANADA

Introducing the
New HETEK FLOW SAMPLER

This portable, intrinsically safe certified, battery-powered instrument will give you the ability to accurately measure leak rates at various natural gas components. This is accomplished by sampling at a large flow rate to completely capture all the gas leaking from the component. By accurately measuring the flow rate of the sampling stream and the gas concentration within that stream, the gas leak rate is calculated in CFM or LPM.





THE HETEK FLOW SAMPLER IS AN INTEGRAL PART OF YOUR FUGITIVE EMISSIONS TOOLKIT ALONG WITH:

HETEK SOLUTIONS INC.

SENSOR X Solutions

TECHNICAL SPECIFICATIONS

Specification	Value
Display Information	• Date and Time • Battery Level • Sample Concentration • Background Concentration • Blower flow rate • Difference between 2 stages • Leak Temperature • Quantified Leak Rate
Display Screen Size	3-inch LCD Display
User Controls	4 Pushbutton keys: ESCAPE; ↑ (up arrow); ↓ (down arrow); ENTER
Data Output	Data log file and Calibration log file (.CSV format)
Memory	800 records for Data; 1000 records for Calibration
Communication	USB cable from Hetek Flow Sampler to a digital device
Measured Values	• Blower Flow Rate • Battery Level • Sample Gas Concentration • Background Concentration
Calculated Values	• Quantified Leak (Stages 1 and 2) – CFM or LPM • Difference between stage 1 and stage 2 (Automatic and Manual)
Humidity	0 – 95% relative humidity (non-condensing)
Operating Temperature	- 20°C to 40°C (-4°F to 104°F)
Storage Temperature	- 20°C to 45°C (-4°F to 113°F); - 40°C to 90°C (without battery)
Blower Flow Rate	Maximum ≈ up to 9.0 CFM (255 LPM) at full battery charge Stage 2 is 70 – 80% of the flow rate of Stage 1
Sensor	Catalytic Oxidation Mode: 0 to 5% by volume methane Thermal Conductivity Mode: 5 to 100% by volume methane
Leak Measurement	1.5 – 140 LPM (0.052 – 5.0 CFM) : Automatic 2-Stage & Manual 2-Stage 0.5 – 140 LPM (0.017 – 5.0 CFM) : Manual 1-Stage
Battery	Standard Quantity: Two (2) with every Hetek Flow Sampler 4.8 V Nickel-Cadmium Rechargeable Battery Run Time: 5 hours (per battery) | Recharge Time: 12 hours
Weight	Enclosure and Display : 19.90 lbs (9.05 kgs)
Dimensions	Enclosure: 12” L x 16” H x 7.5” D (30.48 cm L x 40.64 cm H x 19.05 cm D)
Flow Measurement	Differential pressure across orifice
Accuracy	Sensor: ± 5% | Flow Rate: ±5% | Calculated Leak Rate: ±10%
Certification (Intrinsic Safety in Hazardous Locations across North America and Europe)	CSA C22.2 No.60079-11 (2nd edition), CSA C22.2 No. 60079-0 (4th edition), UL 60079-0 (7th edition), UL 60079-11 (6th edition), UL 913 (8th edition). IS Class I, Division 1, Group D, T3 Class I, Zone 0 AEx ia IIA T3 Ga Ex ia IIA T3 Ga 2900 Ex II 1G Ex ia IIA T3 Ga

ITEMS WITH APPLICABLE PART NUMBERS

HETEK FLOW SAMPLER WITH INCLUDED ITEMS BELOW: PART #1840-0000

INCLUDED: Backpack (1840-0058), 2 Batteries (1840-1003), Crevice Tool (1840-1082), Charger (1840-0100), Cone Collection Tool (1840-0061), Sample Collection Bag (1840-0059), 6-foot hose (1840-2004), 12-foot hose (1840-2005), Flange Tool (1840-0060), Communication USB cable (1840-1067), Grounding Clamp and Cable (1840-0064), Firmware Upgrade Kit (1840-1112, 1840-1113, 1840-1114).

OPTIONAL: Cotton Filters for Sensors (6100-6119), Internal Inlet Filter (1840-1001), Calibration Kit (1840-0013), Battery (1840-1003), Charger (1840-0100).