

# INTRODUCING THE GAS-EXPLORER™



## ACCURATE, SMART, AFFORDABLE

The Gas-Explorer™ combines new dual catalytic methane sensors with exciting new firmware to give you an accurate, sensitive and smart detector for all your service needs.

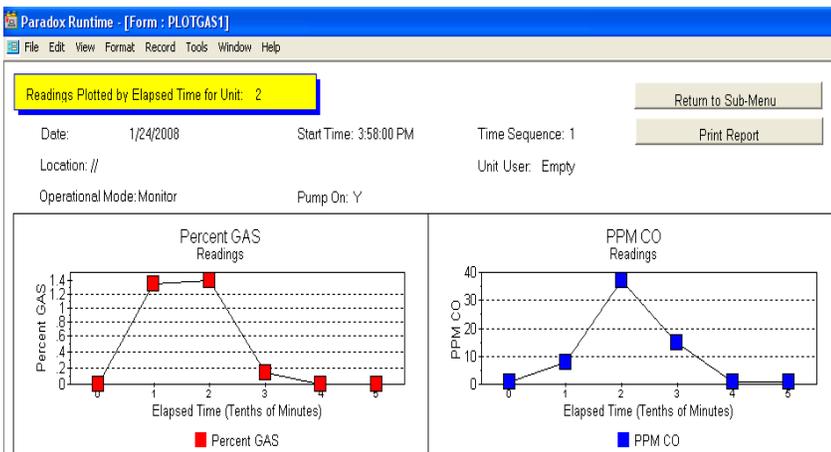
Our proprietary, dual catalytic methane sensors give calibrated measurements down to 20 PPM. The sensors can be used for area surveys as well as leak checking.

New firmware provides automatic, self-maintaining data-logging and generates management reports. The Explorer stores up to 24 calibrations and several months' worth of time-stamped readings data. A USB port makes downloading easy. Using Bascom-Turner's DATA-LINK™ software, a broad suite of reports can be easily generated, including Readings Reports, Exposure Reports, Bar-Hole Reports, Calibration Reports, Sensor Sensitivity History by Unit ID, and a host of others.

The Gas-Explorer™ includes many features to make the job easier. For quick overhead work, peak gas readings are automatically stored and displayed. For consistent bar-holing, sustained readings are taken at the end of a fixed time and displayed along with peak readings. For reliable flue gas testing, air-free CO measurements can be pre-programmed. For all applications, intuitive three button operation and an on-board electronic manual makes user-training quick and simple.

The Gas-Explorer™ has a high performance pump, high power efficiency for long battery life, and docking calibration. New amenities include a large, back-lit LCD display, a "mute" button, and a lightweight, tough, ergonomic package at an affordable price.

## DATA-LINK™ PROCESSING SYSTEM



- Alarm events automatically stored with time and date stamp
- Quick, easy download to any PC via USB port
- Stores 24 months of calibration data
- The most advanced, easy to use data storage on the market

# DATA-LINK™ PROCESSING SYSTEM: SAMPLE OUTPUT

Readings & Exposure Reports

Return to Main Menu

Readings Reports By Unit ID, Date, & Time

- Readings History by Date & Time
- Readings Plotted by Elapsed Time
- Bar Hole Readings by Date & Time

Exposure Reports By Unit ID, Date, & Time

- STEL & TWA History by Date & Time
- STELs & TWAs Plotted by Elapsed Time

Unit ID	Start Date	Start Time	End Date	End Time
	MM/DD/YY	hh:mm:ss PM	MM/DD/YY	hh:mm:ss AM

For plotting use time periods of 1-2 minutes, 1-2 hours, or 5-20 hours.

Start Times & Dates of Stored Alarms

Unit ID	Mode	Date	Start Time	LEL	-O <sub>2</sub>	+O <sub>2</sub>	CO	H <sub>2</sub> S	STEL TWA
4	T	7/13/2006	7:35:09 AM	Y					
5	M	7/13/2006	3:18:31 PM	Y					
5	M	7/13/2006	3:18:32 PM	Y					
5	M	7/13/2006	3:18:33 PM	Y					
5	M	7/13/2006	3:18:35 PM	Y					

Date Range of Stored Readings

Unit ID	Serial No.	First Date	Last Date
3	0411-054590	2/2/2005	8/29/2006
4	0628-300002	7/12/2006	7/13/2006
5	0628-300004	7/13/2006	7/14/2006
6	0630-300003	9/1/2006	9/5/2006
7	0628-300013	2/2/2005	8/28/2006

ID     Mode     Date Search

ID     Serial No. Search

Modes: B = Bar-Hole, F = Flue Gas, M = Monitor, T = Truck/Survey

Readings and Exposure Report

Bar-Hole Readings by Date & Time for Unit: 13

Return to Sub-Menu

Print Report

Date	Time	Seq	Peak %GAS	Sustained %GAS	User	Location
12/19/2007	11:40:46 AM	2	.0	.0	Joe Jones	Norwood MA/111 Downey St
12/19/2007	11:41:23 AM	2	35.1	23.5	Joe Jones	Norwood MA/111 Downey St
12/19/2007	11:42:00 AM	2	22.2	14.2	Joe Jones	Norwood MA/111 Downey St
12/19/2007	11:42:42 AM	2	56.7	34.7	Joe Jones	Norwood MA/111 Downey St
12/19/2007	11:43:18 AM	2	16.3	2.4	Joe Jones	Norwood MA/111 Downey St

Bar Holing reports showing peak and sustained readings

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# NEW! GPS AUTOMATICALLY RECORDED

In addition to automatic capture and storage of all readings data, the newest option for the Gas-Explorer™ allows you to automatically record GPS readings for all walking and truck survey data, as well as bar-hole readings. GPS Horizontal positioning is generally accurate to 2.5 meters and can be of submeter accuracy if WAAS is available. Data can be downloaded to any PC, and GPS coordinates along with associated date, time and mode-stamped readings are stored in a format compatible with standard GIS systems for utilities.

Bluetooth is also included with the GPS option, allowing quick and easy data output to any PC or mobile device without need for a USB cable. Docking stations can also be equipped with Bluetooth, enabling detectors and docks to communicate wirelessly.



Sample GPS output plotted in Google Earth.



**Bascom-Turner  
Instruments**

*Leading the Way in Safety*

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