Control & Data Log Your Air Sampling Event!

The eAir is the world's first air sampling and monitoring device that controls the sampling and measurement of air, while data logging the entire event. It has been designed with plug and play sensor technology, rugged weatherproof enclosures, battery and solar power operation, and standard USB data storage.

The data file the eAir produces is a spreadsheet compatible CSV file that accurately documents date, time, ambient conditions, GPS location, and up to 128 sensor options. The eAir is also compliant for use with EPA, OSHA, NIOSH, and ASTM methodologies.

Our plug and play sensor platform is flexible, providing solutions for all air sampling and monitoring projects including: Perimeter, Hand held applications, Summa cans, sorbent tubes, tedlar bags and most types of filter media. All you have to do is choose the flow, duration and volume of your sample.

The eAir is capable of setting timers and triggers for sampling events. You can set timers to start sampling in the future, or set the eAir to trigger when a particular condition exists, like high VOC readings from the photo ionization detector or when the wind blows from a particular direction. These innovations provide scientists with new tools to accurately sample and measure air.

The results the eAir creates makes it easy to view, graph, and share results. And our free excel template, Airview 1.0 , automatically graphs this data, helps show trends, and makes a google map of your sampling points. The eAir's new approach to air sampling and monitoring saves time and money, and at the same time provides scientists with new and powerful data.

Item Name	Range
eAir (Low Flow)	0.1 to 10mL/min
eAir (High Flow)	1 to 400mL/min
eAir Sampling Pump	Connects to eAir (Low Flow) or eAir (High Flow).

The eAir includes AC power cord, USB data log package, AirView 1.0 spreadsheet, and protective carry case.

FEATURES

USB data logging • Rugged & weatherproof • Multi-sensor capabilities • Triggers and timers • Flow control over most ranges • Inert sample path • Continuous use with battery and solar panel • Simple user interface • Spreadsheet compatible

INLINE AND AUXILIARY SENSORS

In addition to having a mass flow controller and optional sampling pump, the eAir accepts a variety of sensors. The eAir can capture data from any commercially available sensor. Many of the sensors are available in two formats, inline and auxiliary. The inline sensors connect at the eAir inlet, and the auxiliary connect to the eAir through a communication port located externally on the eAir. Below is a list of sensor options we have integrated into the eAir. If you do not find the sensor you're looking for, we will build it for you. Send us an email, or call today.

FEATURED SENSORS

Item Name	Range	INLINE	AUXILIARY
10.6eV PID Sensor	10.6eV (100ppb - 10,000ppm)	√	
10.6eV PID Sensor	10.6eV (50ppb -2000ppm)	√	
10.6eV PID Sensor	10.6eV (25ppb - 200ppm)	√	
10.6eV PID Sensor	10.6eV (5ppb - 20ppm)	√	
10.6eV PID Sensor	10.6eV (1ppb - 2ppm)	√	
9.6eV PID Sensor	9.6eV (1.25ppm - 10,000ppm)	√	
9.6eV PID Sensor	9.6eV (250ppb - 1000ppm)	√	
Vacuum Sensor*	Vacuum: (115 kPA to 0 kPA) Pressure: (16.7 PSI to 2.2 PSI)	Internal Sensor Option Only	
T Sensor	5°C to 50°C		√
TH Sensor	Temperature: (5°C to 50°C) Relative Humidity: (0 to 100 %)		√
TB Sensor	Temperature: (5°C to 50°C) Barometric Pressure: (50 kPa to 115kPa)		√
THB Sensor	Temperature: (5°C to 50°C) Relative Humidity: (0 to 100 %) Barometric Pressure: (50 kPa to 115kPa)		√
GPS Sensor	GPS: (location within 10 meters) Date/Time: at user defined intervals) Altitude: (resolution of 10 meters)	Internal Sensor Option Only	
WSD Sensor	Wind Speed: (1.5 km/hr to 140 km/hr) Wind Direction: (0 to 360 degrees)		√

— Additional chemical sensors available —