AIR QUALITY MONITORING EQUIPMENT

AMERICAN ECOTECH

All products are factory tested and certified prior to shipping. Our equipment is maintained to ensure it always remains the best available current technology. We also carry a full range of parts, maintenance kits, and consumables.

Serinus Gas Analyzer Series

- Minimize time spent on site performing maintenance via superior remote instrument control, diagnostic, and calibration
- **US EPA** Reference Method Equivalency Approved
- Multiuser Interface through RS232, USB, Bluetooth, analog, and optional TCP/IP.
- Straightforward set-up through intuitive menu system with “Quick Menu,” advanced GUI and a conveniently new larger keypad with tactile keys
- Removable flash memory stores 10 years of data. Operational parameters can also be transferred to memory for easy retrieval
- Specifications: **Serinus 10** 03 Analyzer, **Serinus 30** C0 Analyzer, **Serinus 40** NOx Analyzer, **Serinus 44** NO, NO_2, NO_X, NH_3 Analyzer, **Serinus 50** SO_2 Analyzer, **Serinus 51** SO_2/H_2S Analyzer, **Serinus 55/56/57** H_2S/TRS/TS Analyzer, **Serinus 60** NO_2 Analyzer

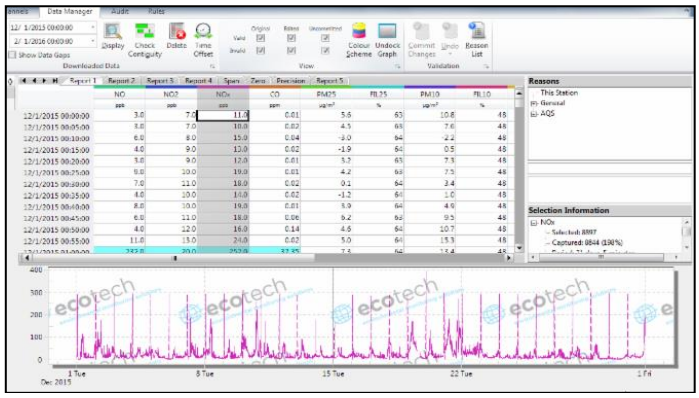
Serinus Gas Calibrators

- The Serinus gas calibrators offer gas dilution calibrations, ozone analyzer precision checks, gas phase titrations and ozone transfer calibrations
- Delivers precise and constant dilution ratios of various calibration gases, including CO, CO_2, O_3, NO_X, NH_3, SO_2, H2S, and VOCs.
- New user interface conceived and designed using customer input is simple to configure and intuitive to use
- Performs calibrations manually through user interface or remotely via RS232, USB, Ethernet, Modbus or analog
- Primary Source Mass Flow Controller: 10 SCCM Source MFC to 2 SLPM Source MFC (default: 50 SCCM MFC)
- Additional Source MFC: 10 SCCM Source MFC to 2 SLPM Source MFC
- Internal Photometer Option for O_3 Calibration

AIR QUALITY MONITORING EQUIPMENT

Airodis Data Reporting Software

- Design based on .Net technology for use in Microsoft Windows XP/7. Uses MS SQL database
- Automatic dialup and simultaneous download of data from multiple loggers
- Data for any period can be validated with drop and drag ease of functionality
- Virtual stations features allow validation and graphing of data from different stations in a single screen
- Easily customizable tabular and graphical data reports
- Enables users to easily add communication protocols for any data logger



WinAQMS Digital Logger

- Uses an MS Windows operating system
- Remote automatic data collection using Ecotech's Airodis software
- Captures a wide variety of user defined AQMS data directly from most brands of instrumentations

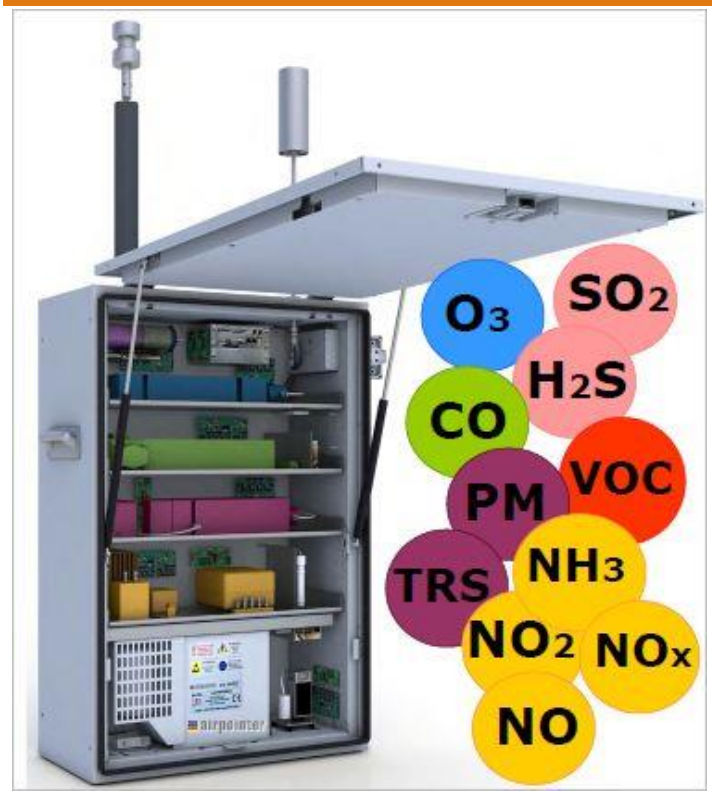
PM10 / TSP samplers

- Volumetric flow control automatically corrected to standard reference temperature
- Industrial brushless motor (100,000 hours continuous field operation)
- Weather-proof marine quality anodized aluminum cabinet
- Automatic supply voltage monitoring and shut-down facility prevents damage to instrument
- Optional wind direction and speed used to activate/de-activate sampler
- Fence-line monitoring available with a network of samplers
- The HiVol 3000 Samplers have **US EPA** approval as a reference Method for **PM10** particulate air monitoring (RFPS-0706-162)

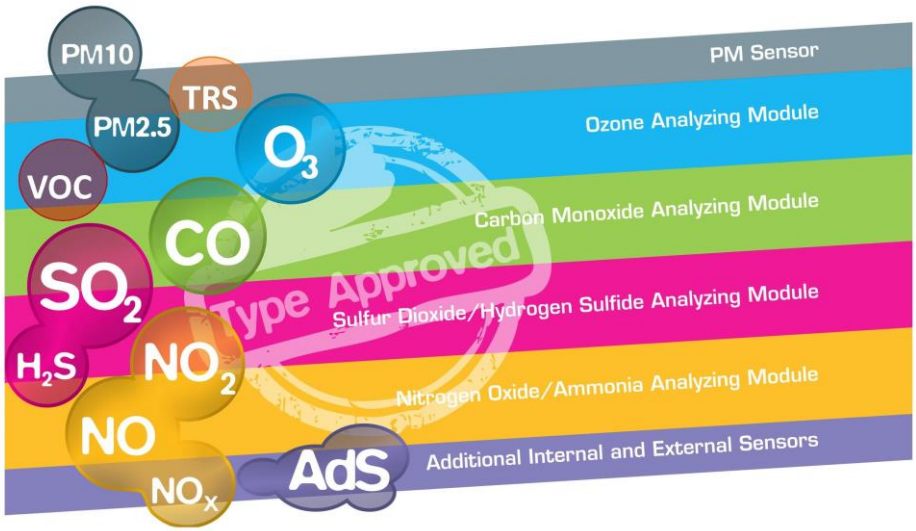
Contact Us

info@AmericanEcotech.com AmericanEcotech.com (877) 247-0403

AIR MONITORING INSTRUMENTS

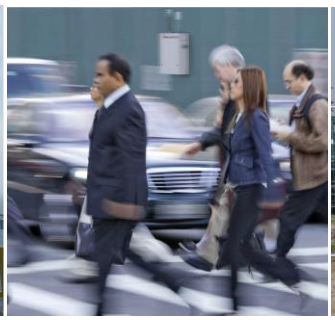


ambilabs®



BENEFITS

- ✓ Compact Systems
- ✓ Patented Technology
- ✓ Lower Operational Cost
- ✓ Easy To Operate
- ✓ Precise Data Collection
- ✓ Automated Remote Maintenance Capabilities
- ✓ Fewer Service Visits
- ✓ Dependable Tech Support



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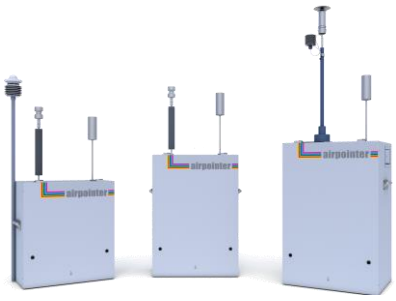
AIR MONITORING INSTRUMENTS

GAS AND PM MONITORING SOLUTIONS

Airpointer®



- The Airpointer® offers a choice of U.S. EPA approved Federal Equivalent Method **(FEM)** analysis modules for monitoring the classic airborne pollutants (SO_2, NO_2/NO_X, CO, O_3, and PM). Specialty pollutants can also be measured (BTEX, H_2S, CO_2, NH_3, VOCs).
- Modules are interchangeable to allow the unit to be individually configured for one measurement campaign and quickly changeable to adapt to future needs.
- Convenient web based browser for data access.
- Zero span modules for daily quality control for generating pollutant-free air.
- Cost effective to operate: its energy management system reduces power consumption by 90%.
- Ready for operation within 30 minutes of initial start-up.

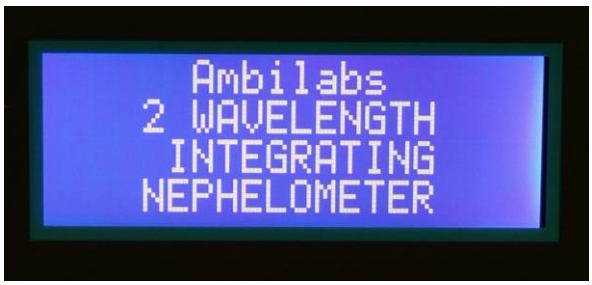
PARTICULATE, DUST AND SMOKE MONITORING

2-WIN Nephelometer

- Designed to measure particulate concentrations, ambient visibility, and source apportionment.
- High powered LED light source increases measurement accuracy.
- Fully integrated package including: internal sample pump, sample heater, internal calibration valves, zero air pump, and data logger.
- Accurate under wide range of operating conditions, even in extreme high concentration environments
- Very low cost of ownership.
- Easy automatic calibration with cost effective (low grade) CO_2 gas ensures repeatability of measurement.
- The 2-WIN includes patented light source technology; US Patent #7,671,988 B2.

IDEAL UNIT FOR MOBILE OPERATION

POLLUTANTS MOVE QUICKLY, PLAN TODAY!



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