

AeroLead™ 3000

Automated Airborne Metals Analysis

***Lead, Copper, Cadmium
Mercury, Arsenic, Selenium***

Multi-Metal Continuous Emissions Monitor

Operational Description:

Air samples are automatically drawn or manually introduced through a proprietary sample filter/detector assembly. The airborne metals are then ultrasonically extracted and concentrated into a specially designed aqueous phase and analyzed voltammetrically. An integrated airflow meter is used to determine air sample volume and combined with the voltammetric data to yield accurate airborne lead concentration. The instrument automatically cleans and resets for the next sample. Data can be downloaded via RS-232C, USB, or wireless data transmission protocols defined by the user.

Specifications:

- Automated or On-Demand Analysis
- Ambient Air, PBZ and/or Emissions Monitoring
- Sample results in less than 10 minutes
- Total sampling and analysis costs less than \$1.50 per sample
- Significantly lower compliance costs
- Simple, one-touch operation
- Autocalibration and QA/QC protocols available
- Detection Limit- User selectable, less than 1 ug/cubic meter
- Weight 12 Kg
- Dimensions 36 cm W x 40 cm H x 20 cm D
- Power Requirements 110 VAC/240 VAC/12 VDC

For more information, or to inquire about other metals methods,
Please contact:



Environmental & Life Support, Inc.

495 Uinta Way, Suite 210

Denver, CO 80210

www.elstechnology.com

cliffjolly@elstechnology.com

+1.303.840.4221

