

Automated Airborne Lead Analyzer



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.

Features & Specifications:

- Automated multiple samples 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 regulatory compliance costs
- Simple, menu-driven operation
- Autocalibration and QA/QC protocols available
- Detection Limit- User selectable, less than 0.1 ug/m³
- Weight 12 Kg
- Dimensions 40 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,
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