

Airborne LEAD ANALYZER

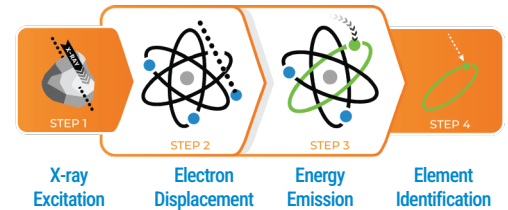
Quantify the Concentration of Lead in the Air



An ambient air sample is taken through a port into the Airborne Lead Analyzer. The sample is then filtered using a special membrane filter paper. Our X-Ray Fluorescence (XRF) sensor, which is a proven measurement principle and non-destructive analytical technique, scans the sample on the filter and measures the concentration of lead in the air.

X-ray Fluorescence

X-ray fluorescence (XRF) is a non-destructive analytical technique used to determine the elemental composition of materials.



Lead Standard Compliance

Complies with General Industry Standard for Lead (29CF1910.1025)



Lowers Total Costs

Significantly lowers regulatory costs for compliance compared to XRF or lab methods such as NIOSH 7082



Your Regulatory Assistant

Assists you with following occupational and environmental regulations



Low Maintenance Requirement

Periodic replacement of only the membrane filter depending on usage for continuously lead air testing



Less Than \$2 Per Sample

Total sampling and analysis costs less than \$2.00 per sample

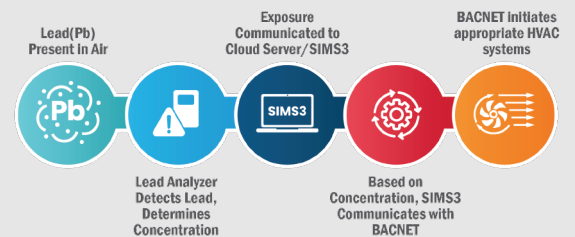


Wide Variety of Industries

Mining Operations, Shooting Ranges, Automotive Supply Chains, Lead-acid Battery Manufacturing, Construction, and more...

HVAC Automation

The Scentroid Lead Analyzer integrates seamlessly with HVAC systems through BACNET (Building Automation and Control Networks), ensuring real-time response to elevated lead levels.



Sensors	Lead (Detectable Compound), Heavy Metals (Optional)
Max. # of Sensors	Lead, and up to 40 Optional Airborne Metals
Detection Method	X-Ray Fluorescence (XRF)
Sample Methods	Airborne, Threshold
Sampling Rate	Every 10 minutes/ 1 hour/ 8 hour/ 12 hour/ 24 hour
Minimum Detection Threshold	Air Sample: 0.89 ug/m ³ (1 hour sampling) Physical Sample: 2 ppm
Mount Type	Wall Mount, NEMA 4X Cabinet, Wall mounting hardware Included
Weight/Dimensions	28 kg / 620mm x 510mm x 230mm
Power Requirements	110-220V 7A
Communication	WiFi (Default), Optional Ethernet
Cloud Server	SIMS3 Data Logging, Analysis, Alarms, Remote Management
On-Board Data Storage	64 GB SD Card
User Interface	Touchscreen on panel door and remote access to SIMS3
Optional Outputs	BACnet over IP (UDP), Building BAS - 4-20 mA, ModBus, Customizable Binary Outputs
Device Health	Daily Sensor Health & Replacement Check and Reminders
Warranty	24 Months Full Warranty (Parts, Including Sensors)



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