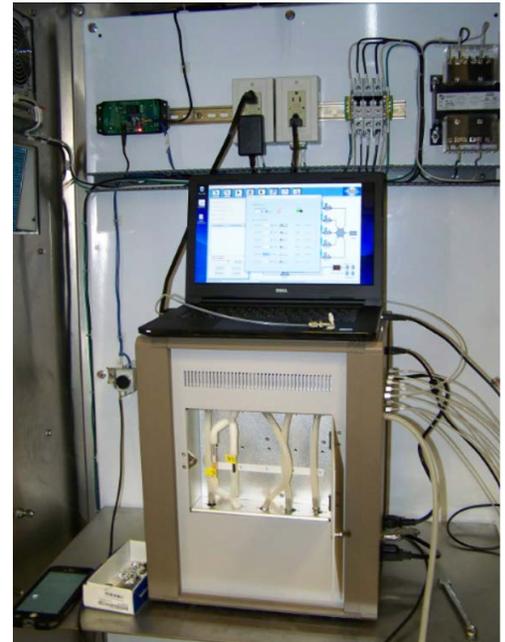


Overview *Area/Stack Autosampler*

The Area/Stack Autosampler performs continuous whole-air and sorbent-media sampling. Seven units are located in the A and AP tank farms, including one sampling directly from the AP exhaustor and one from the tank A-103 passive breather filter.

- Capable of analyzing 55 of the Hanford Site's 59 chemicals of potential concern (COPCs) (all that are detectable using gas chromatography–mass spectrometry analysis)
- Can be remotely triggered for quick sample collection
- Collects three sets of sorbent-media sampling simultaneously
- Collects whole-air samples using eight sampling canisters
- Canister cases stored in two cases to facilitate easy handling
- Accepts varied sorbent media including: Carbotrap-300, Carbotrap-150, SKC 226-118 (XAD-2), Thermosorb-N (TDX), SKC 226-119 (XAD-2) and SKC 226 119-7 (XAD-2)
- Portable system, but meant to be placed for long periods and powered by 115VAC, via standard 20 amp cord



Sampler protected by weatherproof enclosure containing controller, interface (laptop) and sorbent tubes.

5 ports for sorbent tubes or cartridges



Ports can be used to support two parallel tubes each (sample and duplicate).

8 "Summa" cans in two carry cases



Rugged canister cases are loaded in the lab and sent into the field as a single unit.

UL 508A/NEMA 4 enclosure



Shelves in back for canister cases. Includes sun shield, air conditioning and heater.

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