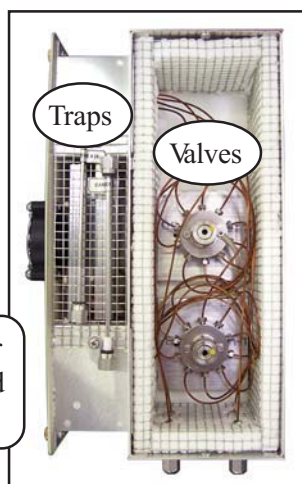
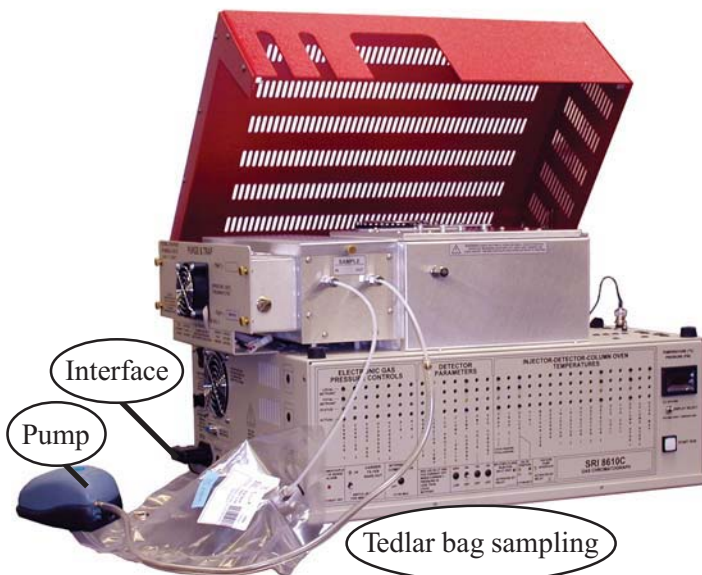


# Method TO-14 Air Concentrator (1 Trap or 2)

- *Sample from Source, Tedlar Bags, Canisters, or Ambient Air*
- *Vacuum Pump and Data System controlled Interface*
- *Independently Heated Dual Trap Design (optional)*
- *10-port Electrically Actuated Valve*
- *PeakSimple Control*

The SRI Method TO-14 Air Concentrator is equipped with a vacuum pump and interface, a 10-port gas sampling valve, and one or two independently heated adsorbent traps. The included external vacuum pump may be attached to the downstream side of the traps to load a gas sample automatically, under control of the PeakSimple data system.



Shown here is a dual TO-14 Air Concentrator with four traps and two gas sampling valves.

The gas sample may be contained in Tedlar bags or canisters, or may be sampled directly from the source. The vacuum pump is operated for several minutes or more to pass 100-200mL/minute of gas through the traps, where the organics are retained. Several liters or more may be concentrated, depending on the detection limit required. Once the analytes are trapped, they are desorbed and directed to the column for separation.

The TO-14 Air Concentrator comes with single or dual traps. The single trap option is good for most analyses. If vinyl chloride is a target analyte, order the dual trap option. Please see the Purge & Trap pages for an explanation of the benefits of our unique dual trap design.

8690-1051	Method TO-14 Air Concentrator with 1 trap
8690-1055	Method TO-14 Air Concentrator with 2 traps