

Built-in “Whisper Quiet” Air Compressor

- **Built into the GC Chassis**
- **Powerful enough to supply FID air (300mL/minute)**
- **Convenient—Recommended for Field Work**

The Built-in “Whisper Quiet” Air Compressor provides an infinite and nearly silent supply of air for the FID, FID/DELCD, NPD, FPD, TID, or CCD detector. It mounts unobtrusively inside the 8610 or 310 GC chassis, and delivers unfiltered air to the detector.



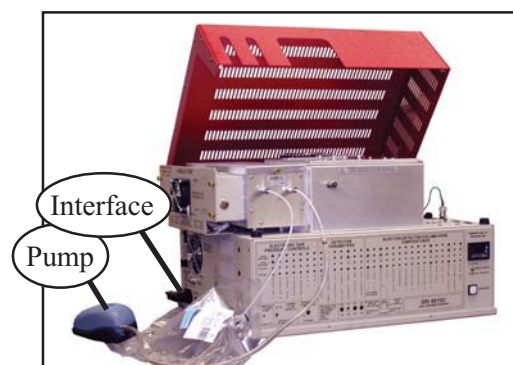
With the built-in air compressor, no air cylinders are required. This simplifies field operations, and saves the expense of regularly replacing air cylinders.

8690-0070	Built-in “Whisper Quiet” Air Compressor
8690-2270	Same as above but 220 VAC

Vacuum Pump Interface

- **Draw air samples through traps or load the loop of a gas sampling valve**
- **Enables Data System Control of an external vacuum pump (included)**
- **Extremely reproducible flow through traps**

The Vacuum Pump Interface is a data system controlled main power outlet (120 or 220 VAC) on the side of an 8610 or 310 GC for an external vacuum pump. The PeakSimple data system can turn the power to this receptacle ON/OFF, thus controlling the vacuum pump.



Typically, the vacuum pump is used to draw gaseous samples through the traps for ambient air monitoring applications, or to load the loop of a gas sampling valve by pulling sample gas from a remote location.

Because the vacuum pump can be turned ON for a precise length of time, the gas flow through the traps is very reproducible (approximately 100mL/minute).

8690-0073	Vacuum Pump Interface and Pump
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