

GC ACCESSORIES

10 Position Method 5030 Purge & Trap Autosampler Retrofit

The purge & trap autosampler retrofit kit contains everything you need to add a 10 Position Method 5030 Purge & Trap Autosampler to your existing SRI purge & trap equipped GC. The kit includes a new purge & trap cover plate (A), a transfer line to valve connection (B), and a purge gas line (C).

A. Purge & trap cover plate:

1. Remove the existing purge & trap cover plate from the GC by unscrewing the four thumbscrews that hold it in place.
2. Remove the fan from the existing purge & trap cover by unscrewing the four securing philips head screws and unplugging its white plastic 2-wire connector. Transfer the fan and its four screws to the new cover.
3. Attach the new purge & trap cover to the GC with the four screws from the old cover and re-connect the fan power.
4. Feed the autosampler's red heat transfer line through its cover plate hole, then secure it with the hose clamp included with the autosampler.



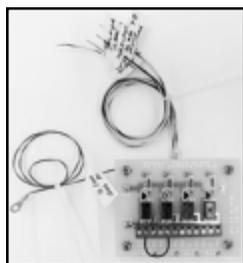
B. Transfer line to valve connection:

1. Remove the valve oven lid by unscrewing the brass thumbscrew on the front edge of the lid, tilting the front of the lid up, then sliding back slightly to free it from the screw in the back. Carefully remove the white insulation padding, and set it securely aside with the oven lid.
2. Connect the Valco fitting to PORT #2 of the gas sampling valve (the Valco fitting is labeled "CONNECT TO PORT #2").
3. Feed the transfer line completely through the Swagelok fitting and 1/16" tubing (this fitting is labeled "INSERT X-FER LINE").
4. Use a wrench to securely tighten the fitting until it is snug against the graphite ferrule; do not over-tighten.



C. Purge gas line:

1. Remove the glass test tube from the purge & trap.
2. Connect the brass union on the purge gas line to the purge gas tube (formerly inside the glass test tube). The durable Teflon™ ferrule in the brass union allows this operation to be performed many times.
3. Connect the 1/8" nut on the purge gas line to "PURGE IN" on the autosampler.



See the SRI manual for relay board installation instructions: "AUTOSAMPLERS; Installation of the Relay Board for the 10 Position Method 5030 Purge & Trap Autosampler (and other Autosamplers)"