

Installation Instructions

Interface Part Number 14-1696-000

Interfacing a 5000/5010 to an HP 5890 GC or 5890 GC with 5970 MSD or 5988 MS with Chemstation/Quicksilver Software

This interface allows the Tekmar unit to operate automatically with your Hewlett-Packard instruments. It allows the GC to send a READY signal to the Tekmar unit, causing it to advance to COOL 2 after the completion of DESORB. Also, it enables the Tekmar unit to start the GC.

Connection to the Tekmar Unit

1. Turn off the Tekmar unit.
2. Plug the 15-pin connector into the GC Interface connector on the rear of the Tekmar unit.

Connection to the GC

1. Remove the right top instrument cover on the GC.
2. Plug the 12-pin connector into the receptacle labeled REMOTE.
3. Coil the cable partially around the strain relief posts and then route it out the rear of the GC.
4. Replace the cover.

Optional Connection to a Peripheral Device (Data System)

This interface has two wires that are twisted together, which are used to start a peripheral device. Refer to your peripheral device manual for the location of these two connections.

Note: When using Chemstation, these two wires are not used.

1. Connect the black wire to the ground, common or negative terminal.
2. Connect the remaining wire to the other terminal.
3. If you are not using these two wires, insulate them with electrical tape or cut them off to keep them from touching each other.



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