

Installation Instructions

Interface Part Number 14-4064-000

Interfacing an LSC-2/4000 to a Hewlett-Packard 5890 GC with RTE and Hewlett-Packard 1000 GC/MS Software with 5970 MSD or 5988 MS

This interface enables 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 from DESORB READY to DESORB PREHEAT. Also, it enables the Tekmar unit to start the GC upon sample injection.

Connection to the Tekmar Unit

1. Turn off the Tekmar unit and unplug the power cord.
2. One of the cables has four numbered spade lugs at its end. Connect these spade lugs to the eight-position terminal strip on the rear of the Tekmar unit, matching each spade lug to its corresponding numbered position. (See the illustration below.)

Connection to the GC

1. Remove the right top instrument cover on the GC.
2. Plug the 12-pin connector on the Tekmar cable 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.

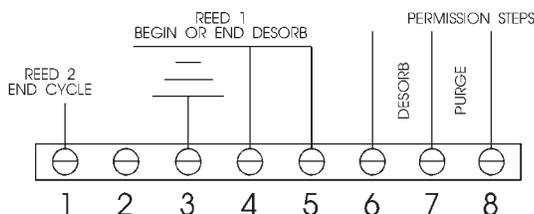
Connection to the Data System

The remaining "branch" of this interface is the Data Start cable.

1. Locate the REMOTE START button, which is connected to the MSD/MS.
2. Connect the Data Start cable to the receptacle on the rear of the REMOTE START button.

GC/MS Considerations

You must be in BAMON sequence in the GC/MS program for proper operation of the system. Also, you must specify "Bottle-1" in BAMON sequence.



*The Eight-Position Terminal Strip on the Back of the LSC-2/4000
(Rear View)*



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