

Installation Instructions

Interface Part Number 14-1302-000

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

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/MS upon sample injection.

Connection to the LSC-2/4000

1. Turn off and unplug the Tekmar unit.
2. This interface has four numbered spade lugs at its end. Connect these spade lugs to the 8-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

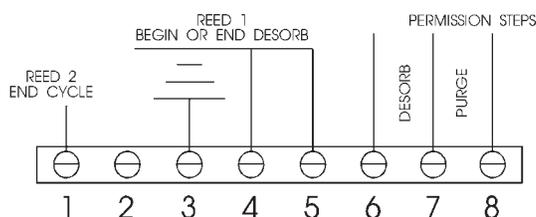
1. Remove the right top instrument cover on the GC.
2. Plug the 12-pin connector on the Tekmar cable into the receptacle labeled REMOTE.
3. Coil the cable partially around the strain relief posts, then route it out the rear of the GC.
4. Replace the cover.

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.



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



7143 East Kemper Road, Cincinnati, Ohio 45242-9576
(800) 543-4461 • Outside the U.S. (513) 247-7000 • Service (800) 874-2004
Telefax (513) 247-7050

14-1302-074
Location: r:\techrite\iocables\1302.pm4
V.09.25.92