

P/N 14-1765-000
INSTALLATION INSTRUCTIONS

TRACOR 560/565/570 INTERFACES

P/N 14-0192-000	LSC-2/4000 Concentrators
P/N 14-1765-000	5000/5010 Desorbers

This interface cable is designed to allow TEKMAR products to operate automatically with Tracor GC's Models 560, 565, and 570. It enables the GC 'READY' signal to give an LSC-2/4000 permission to advance to DESORB PREHEAT from DESORB READY and to give a 5000/5010 permission to advance to COOL2 from DESORB COMPLETE. It enables an LSC-2/4000 or 5000/5010 to start the GC temperature program upon sample injection.

CONNECTION TO LSC-2/4000

One end of the cable terminates in five spade lugs. These are numbered 3 through 7. Connect these to the appropriately numbered screw terminals on the interface board located on the rear panel of the LSC-2/4000 (refer to LSC-2 Manual, Figure 5; 4000 Manual, Figure 3).

CONNECTION TO 5000/5010

One end of the cable terminates in a 15 pin "D" type connector. This plugs into the socket labeled "GC Interface" on the rear panel of the 5000/5010.

CONNECTION TO GC

The second end of the cable terminates in three spade lugs. Connect these to terminal strip TB2 "Remote Control" located on the rear panel. Connect the white wire to the terminal marked "PROGRAM", black to "COM", and red to "READY".

CONNECTION TO DATA SYSTEM

The third leg of the cable terminates in two spade lugs. Connect these to the remote start terminals of the data station (refer to data system manual for location). Connect the black wire to the terminal marked common, ground, or -. Connect the white wire to remote start. If not using this part of the cable, these two connections must not be allowed to touch each other. Either cut them off or use electrical tape to isolate them.